

Roll No:

Registration No:

Name:

Date: **11-Jan-2019 -1st Shift**

Examination: **Online Examination - SI**

**Section 1 - Online Examination**

**Question No.1**

1.00

Bookmark

Which Constitutional Amendment Act was given to Sikkim as the full state of the Union of India?

- (A)  34th Constitutional Amendment - (Alternative 3)
- (B)  **36th Constitutional Amendment - (Alternative 2)**
- (C)  42nd Constitutional Amendment - (Alternative 4)
- (D)  38th Constitutional Amendment - (Alternative 1)

**Question No.2**

1.00

Bookmark

In relation to physical health, which word defines the person's ability to change direction?

- (A)  Speed - (Optional 4)
- (B)  **Enlightenment - (Alternative 2)**
- (C)  Stamina - (Alternative 1)
- (D)  Force - (Optional 3)

**Question No.3**

1.00

Bookmark

What is defined as the magnitude of the runoff velocity on the electric field per unit?

- (A)  **Mobility - (Alternative 1)**
- (B)  Electric Flow Density - (Optional 3)
- (C)  Electrical Density - (Alternative 2)
- (D)  Power Trend - (Alternative 4)

**Question No.4**

1.00

Bookmark

For a brief change in momentum, a heavy force working for a short time is called \_\_\_\_\_.

- (A)  Stress Force - (Alternative 2)
- (B)  Frictional Force - (Alternative 4)
- (C)  Experimental Force - (Alternative 3)
- (D)  **Impulsive force - (Alternative 1)**

**Question No.5**

1.00

Bookmark

Who started the Ahmadiyya movement?

- (A)  Syed Ahmed Khan - (Alternative 4)
- (B)  Syed Ahmed Bareilvi - (Alternative 3)
- (C)  **Mirza Ghulam Ahmad - (Alternative 2)**

(D)  Haji Shariatullah - (Alternative 1)

**Question No.6**

1.00

Bookmark

Economic activities in which natural resources such as agriculture, forestry, fisheries etc. are used directly,

- (A)  Secondary Zone - (Alternative 3)
- (B)  Defense Zone - (Alternative 2)
- (C)  **Primary area - (Alternative 1)**
- (D)  Tertiary Zone - (Alternative 4)

**Question No.7**

1.00

Bookmark

Aksai Chin is located in which state?

- (A)  Nagaland - (Alternative 4)
- (B)  Arunachal Pradesh - (Alternative 1)
- (C)  Sikkim - (Alternative 3)
- (D)  **Jammu and Kashmir - (Alternative 2)**

**Question No.8**

1.00

Bookmark

In which area of India did gold digging?

- (A)  Jharia - (Alternative 4)
- (B)  Salem - (Alternative 2)
- (C)  **Caler - (Alternative 1)**
- (D)  Raniganj - (Alternative 3)

**Question No.9**

1.00

Bookmark

The collision in which the two particles operate simultaneously after concussion are called \_\_\_\_\_.

- (A)  Elastic Concussion - (Alternative 1)
- (B)  Inylastic concussion - (Alternative 2)
- (C)  Fully Elastic Concussion - (Alternative 3)
- (D)  **Fully inelastic concussion - (Alternative 4)**

**Question No.10**

1.00

Bookmark

Who was the founder of the newspaper 'Indian Opinion'?

- (A)  **Mahatma Gandhi - (Alternative 2)**
- (B)  Gopal Krishna Gokhale - (Alternative 1)
- (C)  Pandit Jawaharlal Nehru - (Alternative 4)
- (D)  Netaji Subhash Chandra Bose - (Alternative 3)

**Question No.11**

1.00

Bookmark

The author of the book 'Wealth of Nations'

- (A)  United Nations - (Alternative 3)
- (B)  Cholsen - (Alternative 4)
- (C)  **Adam Smith - (Alternative 1)**
- (D)  Lional Robbins - (Alternative 2)

**Question No.12**

1.00

Bookmark

Which committee is of semi-judicial nature?

- (A)  Petition Committee - (Alternative 1)
- (B)  **Privileges Committee - (Alternative 2)**
- (C)  Ethics Committee - (Alternative 3)
- (D)  Subordinate Legislative Committee - (Alternative 4)

**Question No.13**

1.00

Bookmark

F1 race is related to which of the following personalities is Sebastian Vettel?

- (A)  England - (Alternative 4)
- (B)  France - (Alternative 1)
- (C)  **Germany - (Alternative 3)**
- (D)  United States - (Alternative 2)

**Question No.14**

1.00

Bookmark

Which of the following committees recommended the policy of democratic decentralization?

- (A)  Hanumant Rao Committee - (Alternative 4)
- (B)  **Balwant Ray Mehta Committee - (Alternative 3)**
- (C)  GVK Rao Committee - (Alternative 2)
- (D)  Ashok Mehta Committee - (Alternative 1)

**Question No.15**

1.00

Bookmark

Which of the following is a dwarf planet?

- (A)  Mercury Planet - (Alternative 1)
- (B)  Venus Planet - (Alternative 3)
- (C)  Varuna Planet - (Alternative 4)
- (D)  **Pluto Planet - (Alternative 2)**

**Question No.16**

1.00

Bookmark

In which of the following religions is the mention of four Arya Satyas for achieving Nirvana?

- (A)  Hinduism - (Alternative 3)
- (B)  Jainism - (Alternative 1)
- (C)  **Buddhism - (Alternative 2)**
- (D)  Livelihood - (Alternative 4)

**Question no.17**

1.00

**Bookmark** 

How much time can be banned by the Rajya Sabha on the money bill?

- (A)  21 days - (Optional 2)
- (B)  **14 Days - (Optional 1)**
- (C)  180 days - (Optional 4)
- (D)  30 days - (Optional 3)

**Question No.18**

1.00

**Bookmark** 

In the Intestinal Mucosal Epithelium, which cell secrete Mucus?

- (A)  Guard Cell - (Alternative 3)
- (B)  **Goblet Cell - (Alternative 2)**
- (C)  Blood Cell - (Alternative 4)
- (D)  Chaim Cell - (Alternative 1)

**Question No.19**

1.00

**Bookmark** 

Which of the following is called God of medicine?

- (A)  Aryabhatta - (Alternative 4)
- (B)  Patanjali - (Alternative 2)
- (C)  Panini - (Alternative 3)
- (D)  **Dhanvantar - (Alternative 1)**

**Question No.20**

1.00

**Bookmark** 

Where is the famous Mahabodhi Temple located?

- (A)  Kushinagar - (Alternative 4)
- (B)  Lumbini - (Alternative 2)
- (C)  **Bodh Gaya - (Alternative 3)**
- (D)  Sarnath - (Alternative 1)

**Question no.21**

1.00

**Bookmark** 

Who is the author of the book 'Lilavati'?

- (A)  Aryabhatta - (Alternative 2)
- (B)  Ashwani Kumar - (Alternative 3)
- (C)  **Bhashachacharya - (Alternative 4)**
- (D)  Brahmagupta - (Alternative 1)

**Question no.22**

1.00

**Bookmark** 

Which tree is found in tropical deciduous forests?

- (A)  Toon - (Alternative 4)
- (B)  Sheesham - (Alternative 1)
- (C)  Cedar - (Alternative 3)

(D)  Sandalwood - (Alternative 2)

**Question no.23**

1.00

Bookmark

Name the separate entity that controls the symptoms in the rule of effectiveness?

- (A)  Test Cross - (Alternative 1)
- (B)  Phenotype - (Alternative 4)
- (C)  **Factors - (Alternative 3)**
- (D)  Genotype - (Alternative 2)

**Question no.24**

1.00

Bookmark

Worldwide investment is called MNCs-

- (A)  Mutual Fund - (Alternative 2)
- (B)  Public Fund Investment - (Alternative 1)
- (C)  **Foreign Investment - (Alternative 3)**
- (D)  Corporate Fund - (Alternative 4)

**Question No.25**

1.00

Bookmark

The budget mentioned in the Constitution is called-

- (A)  Annual Budget - (Alternative 1)
- (B)  Annual expenditure - (Optional 4)
- (C)  **Annual Financial Statement - (Optional 3)**
- (D)  Accounting Details - (Alternative 2)

**Question no.26**

1.00

Bookmark

Who was the Chairman of the National Commission to review the functioning of the Constitution?

- (A)  Indrajeet Gupta - (Alternative 1)
- (B)  **Manapalli Narayanrao Venkatachalia - (Alternative 4)**
- (C)  Veerappa Moily - (Alternative 3)
- (D)  Logic - (Alternative 2)

**Question no.27**

1.00

Bookmark

National waterway number 1 flows between those areas in the Ganges?

- (A)  **Allahabad and Haldia - (Alternative 2)**
- (B)  Allahabad and New Delhi - (Alternative 4)
- (C)  Allahabad and Kanpur - (Alternative 1)
- (D)  Allahabad and Patna - (Alternative 3)

**Question no.28**

1.00

Bookmark

Khadar belt is known in the plains of Punjab and Haryana

- (A)  Strait - (Alternative 4)

- (B)  Wetland - (Alternative 3)  
(C)  **Bet Land - (Alternative 1)**  
(D)  Kharif - (Alternative 2)

**Question no.29**

1.00

Bookmark

Which of the following rivers is not an international river?

- (A)  Indus - (Alternative 1)  
(B)  **Mahanadi - (Alternative 2)**  
(C)  Ganga - (Alternative 3)  
(D)  Brahmaputra - (Alternative 4)

**Question No.30**

1.00

Bookmark

When an organism is divided by a plane from the central axis, that organ divides into two homogeneous parts, it is called \_\_\_\_\_.

- (A)  Single Commemorative - (Optional 4)  
(B)  Asymmetry - (Alternative 3)  
(C)  **Radial symmetry - (Alternative 2)**  
(D)  Bimetal Symmetry - (Alternative 1)

**Question No.31**

1.00

Bookmark

Where was the first session of the Indian National Congress?

- (A)  Madras - (Alternative 3)  
(B)  Allahabad - (Alternative 2)  
(C)  **Bombay - (Alternative 4)**  
(D)  Calcutta - (Alternative 1)

**Question No.32**

1.00

Bookmark

Basavanna's followers were called

- (A)  **Virash - (Alternative 3)**  
(B)  Nayanmar - (Alternative 2)  
(C)  Nathpanthi - (Alternative 4)  
(D)  Alwar - (Alternative 1)

**Question No.33**

1.00

Bookmark

Who discovered the US?

- (A)  Ferdinand Magellan - (Alternative 1)  
(B)  **Christopher Columbus - (Optional 3)**  
(C)  Tasman - (Alternative 2)  
(D)  Megasthenes - (Alternative 4)

**Question No.34**

1.00

Bookmark

In cyclical structure of glucose, what is the cyclic organic composition made from the sum of an oxygen molecule and the sum of five carbon molecules?

- (A)  Fructose - (Alternative 2)
- (B)  **Pyren - (Alternative 1)**
- (C)  Anomam - (Alternative 3)
- (D)  Trio - (Alternative 4)

**Question No.35**

1.00

Bookmark

Which country has hosted the first Football World Cup?

- (A)  **Uruguay - (Alternative 2)**
- (B)  United States - (Alternative 1)
- (C)  Australia - (Alternative 4)
- (D)  France - (Alternative 3)

**Question No.36**

1.00

Bookmark

The international date line passes through which strait?

- (A)  **Bering Strait - (Alternative 4)**
- (B)  Bassorp Strait - (Alternative 3)
- (C)  Pak Strait - (Alternative 2)
- (D)  Boss Strait - (Alternative 1)

**Question No.37**

1.00

Bookmark

The word 'shake hand grip' is related to which game?

- (A)  Canoeing - (Alternative 1)
- (B)  Weight Lift - (Alternative 3)
- (C)  Swimming - (Alternative 2)
- (D)  **Table Tennis - (Alternative 4)**

**Question No.38**

1.00

Bookmark

Which system of choice is known by the majority system?

- (A)  Proportional representation with single transferable vote - (Optional 3)
- (B)  **Most Wanted Person's Victory (First Past The Post) - (Alternative 1)**
- (C)  Simple majority system with single transferable vote - (Optional 4)
- (D)  Proportional representation - (Optional 2)

**Question No.39**

1.00

Bookmark

Who was the first Englishman to win the Indian Open Golf Tournament of 2018?

- (A)  Brooks CoApca - (Alternative 4)
- (B)  **Matt Wallace - (Alternative 1)**
- (C)  Tiger Woods - (Alternative 3)

(D)  Helena Sakova - (Alternative 2)

**Question No.40**

1.00

Bookmark

What kind of fraternity has been ensured in the preamble of the Indian Constitution?

- (A)  Financial Justice - (Alternative 2)  
(B)  Symmetry of the nation - (Alternative 4)  
(C)  Social Justice - (Alternative 1)  
(D)  **Integrity and integrity of the person's dignity and nation - (Alternative 3)**

**Question No.41**

1.00

Bookmark

Who gave the slogan 'Return to the Vedas'?

- (A)  Lala Lajpat Rai - (Alternative 4)  
(B)  Swami Vivekananda - (Alternative 1)  
(C)  Ramakrishna Paramhansa - (Alternative 3)  
(D)  **Dayanand Saraswati - (Alternative 2)**

**Question No.42**

1.00

Bookmark

Which acid is used in the construction of nylon-66?

- (A)  Ethanic Acid - (Alternative 4)  
(B)  Benzoic acid - (Alternative 2)  
(C)  **Adipic Acid - (Alternative 1)**  
(D)  Methanoke Acid - (Alternative 3)

**Question No.43**

1.00

Bookmark

Can the amendment of Money Bill be done by whom?

- (A)  Only by the Rajya Sabha - (Alternative 1)  
(B)  Chief Minister - (Alternative 3)  
(C)  Leader of the Opposition - (Alternative 4)  
(D)  **Only by the Lok Sabha - (Alternative 2)**

**Question no.44**

1.00

Bookmark

When was the 'Human Development Index' first published?

- (A)  **1990 - (Optional 1)**  
(B)  1994 - (Optional 3)  
(C)  1996 - (Optional 4)  
(D)  1992 - (Alternative 2)

**Question No.45**

1.00

Bookmark

Which Mughal ruler had implemented the Manashbari system?

- (A)  **Akbar - (Alternative 4)**



- (B)  Humayun - (Alternative 2)
- (C)  Babar - (Alternative 1)
- (D)  Darachikoh - (Alternative 3)

**Question No.46**

1.00

Bookmark

Which of the following is known by the name of Oceania?

- (A)  Antarctica - (Alternative 4)
- (B)  Asia - (Alternative 2)
- (C)  **Australia - (Alternative 1)**
- (D)  Europe - (Alternative 3)

**Question no.47**

1.00

Bookmark

The electron added with the highest principal quantum number, along with the electronic shell, is called \_\_\_\_\_.

- (A)  Effective Electron - (Alternative 2)
- (B)  Band Electron - (Alternative 4)
- (C)  Core Electron - (Alternative 1)
- (D)  **Valence Electron - (Alternative 3)**

**Question no.48**

1.00

Bookmark

Which of these colors is not used in the Olympic flag?

- (A)  Yellow - (Alternative 2)
- (B)  **Brown - (Optional 3)**
- (C)  Blue - (Alternative 4)
- (D)  Red - (Alternative 1)

**Question No.49**

1.00

Bookmark

What does the term "growth" mean in economics?

- (A)  Economic Development - (Alternative 2)
- (B)  Continuous growth and development - (Alternative 4)
- (C)  Health Factors - (Alternative 3)
- (D)  **Economic Growth - (Alternative 1)**

**Question No.50**

1.00

Bookmark

Which of the following is done by Panchayat and Corporation elections organized by whom?

- (A)  Indian Election Commission - (Alternative 1)
- (B)  **State Election Commission - (Alternative 3)**
- (C)  High Court of the State - (Alternative 4)
- (D)  State Legislature - (Alternative 2)

**Question No.51**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to that group?

F, H, C, J, L

- (A)  C - (Alternative 3)
- (B)  J - (Alternative 2)
- (C)  F - (Alternative 4)
- (D)  H - (Alternative 1)

**Question No.52**

1.00

Bookmark

Change the question mark with the option that follows the argument applied in the first pair N: D :: W: ??

- (A)  M - (Alternative 1)
- (B)  P - (Alternative 4)
- (C)  O - (Optional 3)
- (D)  N - (Alternative 2)

**Question No.53**

1.00

Bookmark

Replace the question mark with the option that follows the applicable argument in the Combination Inferior: Superior :: Inhale: ??

- (A)  Exhale - (Optional 2)
- (B)  Eating - (Alternative 4)
- (C)  Gym - (Alternative 3)
- (D)  Medicine - (Alternative 1)

**Question No.54**

1.00

Bookmark

In this question, there are three statements showing the relation, which follow the three conclusions i, ii and iii. Believing the statement as true, find out which findings are completely true.

Statement:  $A \leq B < S$ ;  $S = E > N$ ;  $N > C = T$

Conclusion:

- i)  $B < N$
- ii)  $E > T$
- iii)  $A < C$

- (A)  I only) and ii) - (optional 1)
- (B)  Only ii) and iii) - (Optional 2)
- (C)  Only ii) - (Optional 3)
- (D)  All are rational - (Alternative 4)

**Question no.55**

1.00

Bookmark

A's sister is married to Mrinal Uncle of B. What is the relation between A's sister to A's mother?

- (A)  Aunt - (Alternative 4)

- (B)  Mother-in-law - (Alternative 2)  
(C)  **Sister-in-law - (Alternative 3)**  
(D)  Sister - (Alternative 1)

**Question no.56**

1.00

**Bookmark**

Three statements and three conclusions have been given in this question. You have to consider both the conclusions by considering the statement as true and deciding which conclusions are logically logical beyond any doubt.

Statement: All men are singers. Some singers are actors. All the actors are women.

Conclusion:

- i) Some male actors are  
ii) Some men are women  
iii) Some women are singers

- (A)  I only) and ii) - (optional 1)  
(B)  **Only iii) - (Optional 4)**  
(C)  Only ii) and iii) - (optional 3)  
(D)  Only i) and iii) - (Optional 2)

**Question no.57**

1.00

**Bookmark**

In this question, a passage and a related statement have been given. Read the passage carefully and assess the statement based on it.

Using knives and screws, two Russian astronauts on Tuesday took a sample of substance around a mysterious cavity of the spacecraft called the Soyuz, which was placed in the International Space Station, a Moscow official suggested that it was a break - It can also be done. In August, two months after the last visit of the vehicle, the air leak was detected in the Soyuz spacecraft due to the 2mm air in the ISS. Roskosmos, an astronomical institute, says that cutting off the insulation on the hole and sampling the material around it and the purpose of putting a new insulation on it is to find out that this small but dangerous hole has been done on earth or Is in space. The chief of Roskosmos has said that the error of manufacturing has not been found in the investigation.

Experienced astronauts had to struggle but they managed their mission. Before the spacewalk, astronauts were able to inspect the hole just from within the spacecraft. The biggest difficulty was that in the Soyuz spacecraft, the ISS was not designed to improve during adverse weather space, and no railing was also made to catch the space passengers outside the vehicle.

Statement: In the Soyuz spacecraft, the air leak due to the presence of the leak was detected after two months of the last visit.

Select the appropriate from the given options

- A - Statement is completely true  
B - The statement is possibly true  
C - the statement can not be determined  
D - Statement is completely false

- (A)  B - (Alternative 2)  
(B)  D - (Alternative 4)

- (C)  A - (Alternative 1)  
(D)  C - (Alternative 3)

**Question no.58**

1.00

Bookmark

Replace the question mark with the option that follows the applied logic in the first pair 1002: 9 :: 2023: ??

- (A)  50 - (Optional 3)  
(B)  45 - (Optional 1)  
(C)  51 - (Optional 4)  
(D)  49 - (Alternative 2)

**Question No.59**

1.00

Bookmark

In this question two statements and two conclusions i and ii have been given. You have to consider both the conclusions by considering the statement as true and deciding which conclusions are logically logical beyond any doubt.

Statement: All balls are bat. All bats are rubber.

Conclusion:

- i) All balls are rubber.  
ii) There are some rubber balls.

Select the correct option from the given options.

- (A) Only conclusions i is logical  
(B) Only conclusions ii is rational  
(C) or conclusions i or ii is rational  
(D) nor the conclusions ii is rational  
(E) both the conclusions i and ii are rational

- (A)  B - (Alternative 2)  
(B)  C - (Alternative 3)  
(C)  A - (Alternative 1)  
(D)  E - (Alternative 4)

**Question No.60**

1.00

Bookmark

Find the next number in the series.  
10, 23, 43, 89, 175, ?

- (A)  352 - (Alternative 2)  
(B)  353 - (Optional 3)  
(C)  355 - (Optional 4)  
(D)  351 - (Optional 1)

**Question No.61**

1.00

Bookmark

In this question, the relation between different elements is shown in the statement. After the statement, two conclusions are given:

Statement:  $A = N \leq L < Y > S$

Conclusion:

- i)  $A \leq L$
- ii)  $L < T$

Select the correct option from the given options.

- (A) Only conclusion i is logical
- (B) Only conclusion ii is rational
- (C) or conclusion i or ii is rational
- (D) nor the conclusion ii is rational
- (E) both the conclusions i and ii are rational

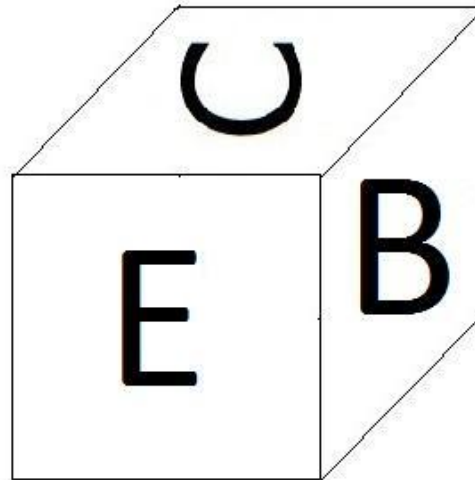
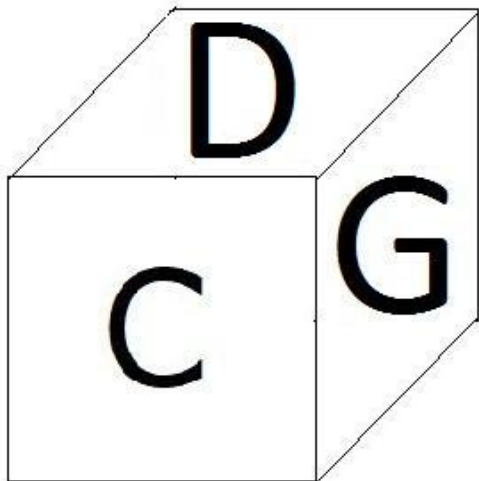
- (A)  B - (Alternative 2)
- (B)  D - (Alternative 4)
- (C)  C - (Alternative 3)
- (D)  A - (Alternative 1)

**Question No.62**

1.00

Bookmark

On each part of the dice, there are 6 letters B, C, D, E, F and G, as shown in the picture. What is the letter on the opposite part of the letter E?



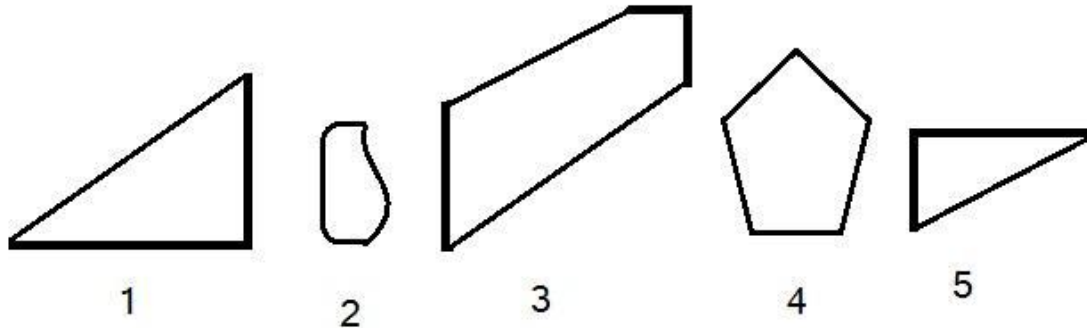
- (A)  F - (Optional 3)
- (B)  G - (Alternative 1)
- (C)  C - (Alternative 4)
- (D)  B - (Alternative 2)

**Question No.63**

1.00

Bookmark

Select the correct option from the given options which can create a full square (3 of the 5 images given below):



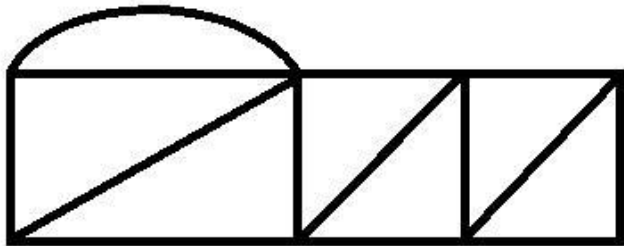
- (A)  1,4,5 - (Alternative 2)
- (B)  2,3,4 - (Optional 3)
- (C)  1,3,4 - (Optional 1)
- (D)  1,3,5 - (Optional 4)

**Question No.64**

1.00

Bookmark

How many right-angled triangles can be made from the given shape?



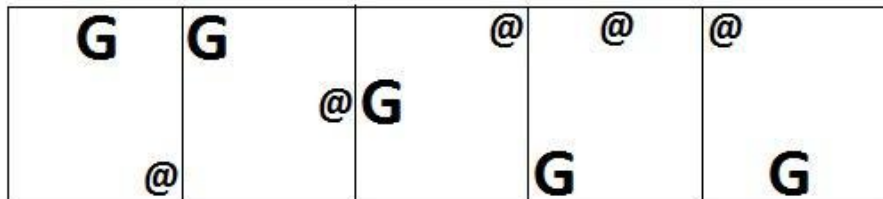
- (A)  9 - (Optional 3)
- (B)  6 - (Optional 1)
- (C)  7 - (Optional 2)
- (D)  4 - (Optional 4)

**Question No.65**

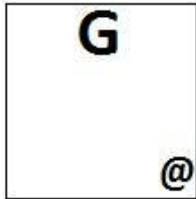
1.00

Bookmark

Which of the given options would be the next shape of the given series?

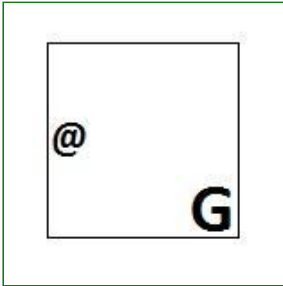


- (A)



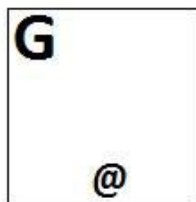
- (Optional 1)

(B)



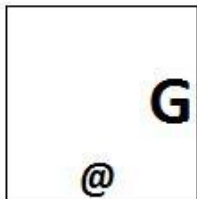
- (Optional 2)

(C)



- (Optional 4)

(D)



- (Optional 3)

### Question No.66

1.00

Bookmark

Pointing to the photo of a girl, a woman said, "She is the daughter of my friend Thanu's sister's mother's son." Thanu's relationship with that girl?

- (A)  Cage - (Alternative 2)
- (B)  Mother - (Alternative 3)
- (C)  **Aunt - (Alternative 1)**
- (D)  Nice - (Alternative 4)

### Question No.67

1.00

Bookmark

In this question, a statement and two conclusions related to it have been given i and ii. You have to consider both the conclusions as the truth and to decide which conclusions are logically logical beyond any doubt in the information given in the statement.

Statement: Rahim is watching the cricket match which makes him feel interesting.

Conclusion:

- i) Rahim likes cricket.

ii) Rahim is in the Cricket Stadium.

Select the correct option from the options below

- (A) only conclusion i logical
- (B) only conclusion ii logical
- (C) or conclusion i or ii logical
- (D) not conclude i nor ii rational
- (E) Both conclusions i and ii are rational

- (A)  **D - (Alternative 4)**
- (B)  A - (Alternative 1)
- (C)  B - (Alternative 2)
- (D)  C - (Alternative 3)

**Question No.68**

1.00

**Bookmark**

In this question, a passage and a related statement have been given. Read the passage carefully and assess the statement based on it.

Using knives and screws, two Russian astronauts on Tuesday took a sample of substance around a mysterious cavity of the spacecraft called the Soyuz, which was placed in the International Space Station, a Moscow official suggested that it was a break - It can also be done. In August, two months after the last visit of the vehicle, the air leak was detected in the Soyuz spacecraft due to the 2mm air in the ISS. Roskosmos, an astronomical institute, says that cutting off the insulation on the hole and sampling the material around it and the purpose of putting a new insulation on it is to find out that this small but dangerous hole has been done on earth or in space. The chief of Roskosmos has said that the error of manufacturing has not been found in the investigation.

Experienced astronauts had to struggle but they managed their mission. Before the spacewalk, astronauts were able to inspect the hole just from within the spacecraft. The biggest difficulty was that in the Soyuz spacecraft, the ISS was not designed to improve during adverse weather space, and no railing was also made to catch the space passengers outside the vehicle.

Statement: The mysterious hole in the Soyuz spacecraft was due to the error of manufacturing.

Select the appropriate from the given options

- A - Statement is completely true
- B - The statement is possibly true
- C - the statement can not be determined
- D - Statement is completely false

- (A)  B - (Alternative 2)
- (B)  C - (Alternative 3)
- (C)  A - (Alternative 1)
- (D)  **D - (Alternative 4)**

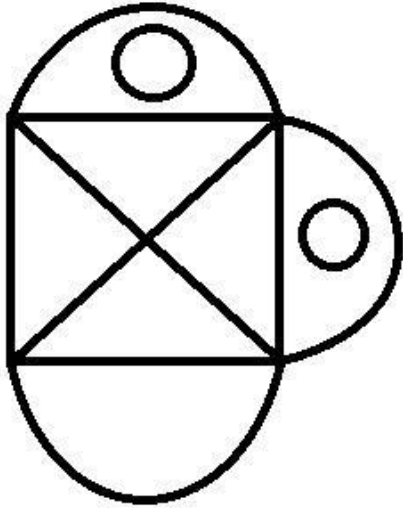
**Question No.69**

1.00

**Bookmark**

How straight lines are there in given figure?





- (A)  11 - (Optional 1)  
(B)  9 - (Optional 2)  
(C)  8 - (Optional 3)  
(D)  10 - (Optional 4)

**Question No.70**

1.00

Bookmark

Read the given information carefully and answer the related question.

8 friends, Anu, Beni, Carrie, Dolly, Isha, Freight, Gibran and Harry went together to see the film and sitting in the north, sitting in an eight-seat line (not necessarily in this order).

- i) Seated on the sixth seat from the right of Freight Gibran.  
ii) Carri and Anu sit beside each other but they were not neighbors of Gibran and freight.  
iii) Sitting on the left side of Beni Carey.  
iv) Harry sitting next to Dolly and sitting on the second seat from the right side of Anu.

Who seated on the third seat from the right side of Anu?

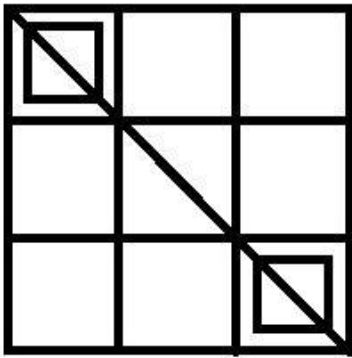
- (A)  Harry - (Alternative 4)  
(B)  Beni - (Alternative 3)  
(C)  Gibran - (Alternative 1)  
(D)  Freight - (Alternative 2)

**Question No.71**

1.00

Bookmark

How many classes are there in given figure?



- (A)  10 - (Optional 3)  
 (B)  12 - (Optional 1)  
 (C)  16 - (Optional 2)  
 (D)  13 - (Optional 4)

**Question No.72**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to that group?

QUY, LPT, JNR, EHK, MQU

- (A)  QUY - (Optional 4)  
 (B)  EHK - (Optional 2)  
 (C)  LPT - (Optional 3)  
 (D)  JNR - (Optional 1)

**Question No.73**

1.00

Bookmark

Read the statements given and answer the question.

A4B means a mother of A, B is

A3B, A is the father

of A, B means A5B is A, son of

A is A7B, A is the daughter of A, B in the

given equation, P is the Mother-in- What is shown?

- (A)  P4Q3R7S - (Optional 3)  
 (B)  P3Q3R3S - (Optional 4)  
 (C)  P3Q3R7S - (Optional 1)  
 (D)  P4Q4R3S - (Optional 2)

**Question No.74**

1.00

Bookmark

Change the question mark with the option that follows the argument applied in the first pair Sky:

Blue :: Milk: ??

- (A)  White - (Optional 3)

- (B)  Solid - (Alternative 1)
- (C)  Melt - (Alternative 2)
- (D)  Liquid - (Alternative 4)

**Question No.75**

1.00

Bookmark

Read the given information carefully and answer the related question.

8 friends, Anu, Beni, Carrie, Dolly, Isha, Freight, Gibran and Harry went together to see the film and sitting in the north, sitting in an eight-seat line (not necessarily in this order).

- i) Seated on the sixth seat from the right of Freight Gibran.
- ii) Carri and Anu sit beside each other but they were not neighbors of Gibran and freight.
- iii) Sitting on the left side of Beni Carey.
- iv) Harry sitting next to Dolly and sitting on the second seat from the right side of Anu.

Who sits between Gibran and Carrie?

- (A)  Anu - (Alternative 1)
- (B)  Dolly - (Alternative 4)
- (C)  Isha - (Alternative 2)
- (D)  Harry - (Optional 3)

**Question No.76**

1.00

Bookmark

Find the next number in the series.

11, 36, 86, 186, 386,?

- (A)  786 - (Optional 3)
- (B)  790 - (Alternative 4)
- (C)  780 - (Optional 1)
- (D)  782 - (Alternative 2)

**Question No.77**

1.00

Bookmark

If SINGER is written TKOIFT in a special encodie, then how will the person write to the same code?

- (A)  BDUPS - (Optional 1)
- (B)  CVETQ - (Optional 4)
- (C)  BEUQS - (Optional 3)
- (D)  CEVQT - (Optional 2)

**Question No.78**

1.00

Bookmark

If placing the mirror on the shaded line, which of the following options would be an appropriate reflection of the given question?



- (A)

BURMA

- (Optional 3)

(B)

AMRUB

- (Optional 2)

(C)

AMRUB

- (Optional 1)

(D)

BURMA

- (Optional 4)

**Question No.79**

1.00

Bookmark

Find the next number in the series.

31, 42, 55, 72, 91,?

(A)  120 - (Optional 4)

(B)  114 - (Optional 1)

(C)  116 - (Optional 3)

(D)  115 - (Optional 2)

**Question No. 80**

1.00

Bookmark

Select the appropriate water reflection from the options for the given question.

SPIKE

(A)

ƆꞤꞤꞤ

- (Optional 3)

(B)

ƆꞤꞤꞤ

- (Optional 1)

(C)

2BIKE

- (Optional 4)

(D)

2BIKE

- (Optional 2)

**Question No.81**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to that group?

Banana, Brinjal, Carrot, Cabbage, Beans

- (A)  Cabbage - (Alternative 4)  
(B)  **Banana - (Optional 3)**  
(C)  Carrot - (Alternative 2)  
(D)  Brinjal - (Alternative 1)

**Question No.82**

1.00

Bookmark

Read the given information carefully and answer the related question.

8 friends, Anu, Beni, Carrie, Dolly, Isha, Freight, Gibran and Harry went together to see the film and sitting in the north, sitting in an eight-seat line (not necessarily in this order).

- i) Seated on the sixth seat from the right of Freight Gibran.  
ii) Carri and Anu sit beside each other but they were not neighbors of Gibran and freight.  
iii) Sitting on the left side of Beni Carey.  
iv) Harry sitting next to Dolly and sitting on the second seat from the right side of Anu.

Which of the following is sitting in the last seat in the row?

- (A)  Harry - (Optional 1)  
(B)  Isha - (Alternative 3)  
(C)  Carrie - (Alternative 4)  
(D)  **Beni - (Alternative 2)**

**Question no.83**

1.00

Bookmark

Find the next number in the series.

11, 22, 25, 50, 53,?

- (A)  103 - (Alternative 2)  
(B)  102 - (Optional 1)  
(C)  **106 - (Alternative 4)**  
(D)  105 - (Optional 3)

**Question no.84**

1.00

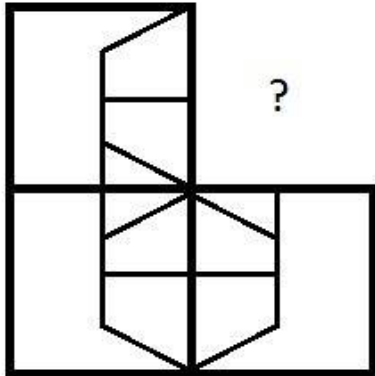
In a special decode, if FORTH is written as ULIGS, how will GUIDE be written in the same language?

- (A)  IWKFH - (Optional 1)
- (B)  TRFVW - (Optional 4)
- (C)  TFRWV - (Optional 2)
- (D)  IKWHF - (Optional 3)

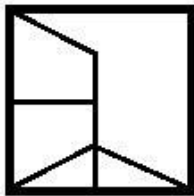
**Question no.85**

1.00

Select the correct option which will complete the format of the given picture.

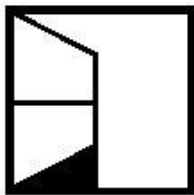


(A)



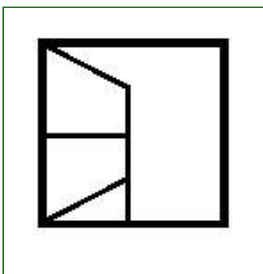
- (Optional 2)

(B)



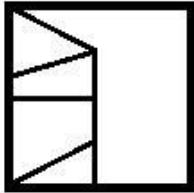
- (Optional 1)

(C)



- (Optional 3)

(D)



- (Optional 4)

**Question no.86**

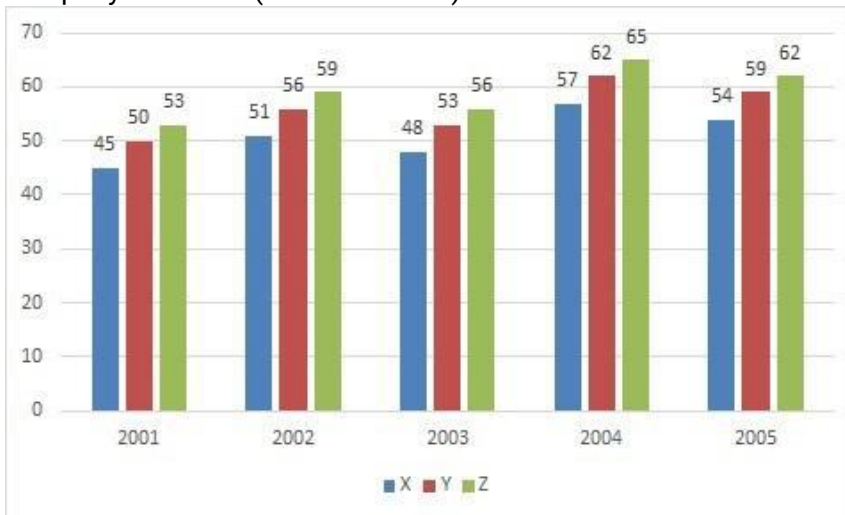
1.00

Bookmark

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

What is the difference between the production of company Z in 2001 and the production of the company Y in 2002 (in thousandths)?



- (A)  5 - (Optional 3)
- (B)  4 - (Optional 2)
- (C)  6 - (Optional 4)
- (D)  3 - (Optional 1)

**Question No.87**

1.00

Bookmark

Simplify:

$$124 - [2^4 - 3^2 + \sqrt{(196 \div 14 + 182[3 \times 3 \div 9])}]$$

- (A)  212 - (Alternative 4)
- (B)  105 - (Optional 1)
- (C)  103 - (Optional 3)
- (D)  203 - (Alternative 2)

**Question no.88**

1.00

**Bookmark** 

A sum of money is distributed between Babu, Christo and David in the ratio of 5: 4: 3: 2. If Christo receives Rs.111 more from David, how much will she receive from Babu? (In Rupees)

- (A)  424 - (Optional 2)  
(B)  444 - (Optional 4)  
(C)  434 - (Optional 3)  
(D)  414 - (Optional 1)

**Question No.89**

1.00

**Bookmark** 

The average weight of 81 notebooks in one box is 8.1 kg. Keeping a new notebook in the box leaves an average of 8.2 kg. Find the weight of the new notebook (in kg).

- (A)  16.5 - (Optional 3)  
(B)  16.6 - (Optional 4)  
(C)  16.4 - (Optional 2)  
(D)  16.3 - (Optional 1)

**Question No.90**

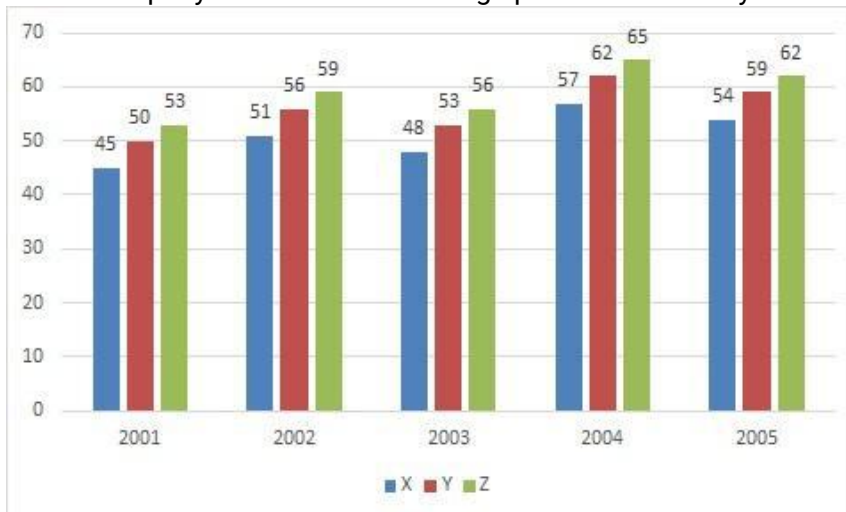
1.00

**Bookmark** 

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

Which company had the lowest average production in five years?



- (A)  X - (Optional 1)  
(B)  Y - (Alternative 2)  
(C)  Z - (Optional 3)  
(D)  None of these - (Alternative 4)

**Question No.91**

1.00

**Bookmark** 

Rs. The loss on sale in 305 will be Rs. 641 is the 60% gain received on sale. Find the cost of the item (in Rs.).

- (A)  425 - (Optional 1)  
(B)  431 - (Alternative 4)



- (C)  429 - (Optional 3)  
(D)  427 - (Alternative 2)

**Question No.92**

1.00

Bookmark

There is 217 male and 217 women employees in an English based company's support project. The average productivity of all employees is 69 calls per day. The average call number received per day by a male employee is 69. What is the average call number received by a female employee every day?

- (A)  68 - (Optional 1)  
(B)  66 - (Optional 3)  
(C)  **69 - (Alternative 2)**  
(D)  65 - (Alternative 4)

**Question No.93**

1.00

Bookmark

The sale price of an item is Rs.1548 after the cumulative discount of 10% and 20%. If the cost value is 50% of face value then how much is the cost value (in Rs.)?

- (A)  1,065 - (Optional 2)  
(B)  1,055 - (Optional 3)  
(C)  **1,075 - (Optional 1)**  
(D)  1,045 - (Optional 4)

**Question No.94**

1.00

Bookmark

Simplify:

$$\sqrt{(1336 - \sqrt{(1629 - \sqrt{(820 + \sqrt{441})})})}$$

- (A)  45 - (Optional 3)  
(B)  32 - (Optional 4)  
(C)  **36 - (Alternative 2)**  
(D)  35 - (Optional 1)

**Question No.95**

1.00

Bookmark

Which of the following is eligible to divide by 24?

- (A)  126346 - (Optional 2)  
(B)  **126336 - (Optional 4)**  
(C)  127336 - (Optional 3)  
(D)  123446 - (Optional 1)

**Question No.96**

1.00

Bookmark 

A sum of money is doubled in 7 years at the compound interest rate. In how many years it will be 8 times its actual value?

- (A)  21 - (Optional 1)  
 (B)  22 - (Optional 2)  
 (C)  23 - (Optional 3)  
 (D)  24 - (Optional 4)

## Question No.97

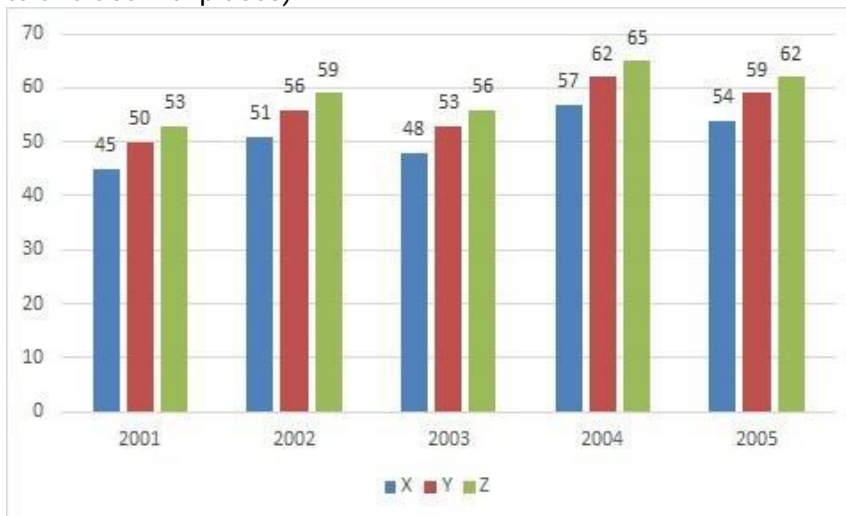
1.00

Bookmark 

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

What is the percentage increase in the production of company X from 2002 to 2005? (In% - integer to two decimal places)



- (A)  5.88 - (Optional 2)  
 (B)  5.78 - (Optional 1)  
 (C)  6.18 - (Optional 4)  
 (D)  5.98 - (Optional 3)

## Question No.98

1.00

Bookmark 

How much will the remainder be if the number 54545 is divided by 9?

- (A)  2 - (Optional 1)  
 (B)  5 - (Optional 2)  
 (C)  7 - (Optional 4)  
 (D)  0 - (Optional 3)

## Question No.99

1.00

Bookmark 

The amount of Rs.7,200 is invested at the normal interest rate of 11% per annum, if half of the amount received after 5 years is invested in the stock market then find the savings (in rupees).

- (A)  5,580 - (Optional 1)  
 (B)  5,570 - (Optional 3)  
 (C)  5,565 - (Optional 4)

(D)  5,575 - (Optional 2)

**Question No.100**

1.00

Bookmark

The total area of a piece of square glass  $44\text{cm}^2$ , which has put up a table | The width is 11 cm between the edge of the table and the edge of the glass piece. Find the length of the table. (in cm)

- (A)  41 - (Optional 2)  
(B)  43 - (Optional 4)  
(C)  40 - (Optional 1)  
(D)  42 - (Optional 3)

**Question No.101**

1.00

Bookmark

What will be the height of the cuboid, if a cube of  $41\sqrt{3}\text{cm}$  is molten, then the cuboid is made, whose length is equal to the arm of the cube and width is 20.5cm? (in cm)

- (A)  84 - (Alternative 4)  
(B)  82 - (Alternative 2)  
(C)  83 - (Optional 3)  
(D)  81 - (Alternative 1)

**Question No.102**

1.00

Bookmark

The sum of three numbers is 189. The ratio of the second number to the second number is 2: 3 and between the second and third numbers, this ratio is 3: 4, find the second number.

- (A)  67 - (Optional 3)  
(B)  65 - (Alternative 2)  
(C)  63 - (Optional 1)  
(D)  69 - (Alternative 4)

**Question No.103**

1.00

Bookmark

The difference of interest to the two equal amount of money for compounding for 2 years and equal interest rates on equitable interest is Rs.126. If the rate of interest is 6% per annum then find out the amount invested. (In rupees)

- (A)  35,550 - (Optional 4)  
(B)  35,000 - (Optional 3)  
(C)  35560 - (Alternative 2)  
(D)  35,540 - (Optional 1)

**Question No.104**

1.00

Bookmark

The number of people working in a field increases by 11% and their pay per head decreases by 11%. If the result is a loss of X% in the total salary, then find the value of X.

- (A)  1.20 - (Optional 1)  
(B)  1.23 - (Optional 4)  
(C)  1.22 - (Optional 3)  
(D)  1.21 - (Optional 2)

**Question No.105**

1.00

Bookmark 

Find the value of X:

$$\sqrt{(150-x)} = \sqrt{(148-\sqrt{729})}$$

- (A)  29 - (Optional 4)  
(B)  58 - (Optional 3)  
(C)  27 - (Optional 1)  
(D)  42 - (Optional 2)

**Question No.106**

1.00

Bookmark 

Martin donates 13% of his salary to the institution for sightlessness, 12% of orphanages, 14% for the physically challenged people and 16% for medical assistance. If he deposits the remaining amount of his salary to Rs. 18,225 in the bank for his monthly expenditure, then find out the amount donated to the institution for rupee blindness (in rupees).

- (A)  5,265 - (Optional 1)  
(B)  5,465 - (Optional 3)  
(C)  5,365 - (Alternative 2)  
(D)  5,565 - (Optional 4)

**Question No.107**

1.00

Bookmark 

A shopkeeper has a profit of 14% on selling his product in Rs.1,254. Find the amount that will be equal to half of the cost of the product. (In rupees)

- (A)  550 - (Alternative 2)  
(B)  575 - (Optional 3)  
(C)  600 - (Alternative 4)  
(D)  525 - (Optional 1)

**Question No.108**

1.00

Bookmark 

A man completes his journey in 5.5 hours. It determines half the journey 20 kmph and the rest of the journey at 30 kmph speed. Find the total distance traveled. (in km)

- (A)  135 - (Optional 4)  
(B)  133 - (Alternative 2)  
(C)  134 - (Optional 3)  
(D)  132 - (Optional 1)

**Question No.109**

1.00

Bookmark 

One box of gifts has 10 bangles, in which the average weight of 4 bangles is 68 grams and the

average weight of the remaining 6 bangles is 69 grams. Find the average weight of the total bangles (in the village)

- (A)  68.6 - (Optional 4)
- (B)  65.6 - (Optional 1)
- (C)  66.6 - (Optional 2)
- (D)  67.6 - (Optional 3)

**Question no.110**

1.00

Bookmark

In one box, three different types of old coins are in the ratio of 3: 5: 7. The value of old coins is Rs 1 rupee, 5 rupees and 10 rupees respectively. If the total value of box coins is Rs. Find out the number of coins of 10 rupees if there is 2,058.

- (A)  177 - (Alternative 4)
- (B)  167 - (Optional 3)
- (C)  157 - (Alternative 2)
- (D)  147 - (Optional 1)

**Question No.111**

1.00

Bookmark

A bulb manufacturer found that 19% of its total product is faulty. If the number of lossless products is 1701 then find the number of defective products.

- (A)  399 - (Optional 1)
- (B)  396 - (Alternative 4)
- (C)  398 - (Alternative 2)
- (D)  397 - (Optional 3)

**Question no.112**

1.00

Bookmark

In a mixture of 147 liters, the ratio of milk and water is 3: 4. If this ratio is 3: 5, then find out the amount of water in the mixture. (In liters)

- (A)  23 - (Optional 4)
- (B)  21 - (Optional 2)
- (C)  22 - (Optional 3)
- (D)  20 - (Optional 1)

**Question No.113**

1.00

Bookmark

The width of a floor is 125% of its width. If the floor area of  $20\text{m}^2$ , what will be the sum of the floor length and width | (in m)

- (A)  10 - (Optional 4)
- (B)  7 - (Optional 1)
- (C)  9 - (Optional 3)
- (D)  8 - (Optional 2)

**Question No.114**

1.00

Bookmark

LS of two numbers 32 and their M. 8 is. A given number is 8, find the second number.

- (A)  24 - (Optional 2)
- (B)  16 - (Optional 1)
- (C)  32 - (Optional 3)
- (D)  40 - (Optional 4)

**Question No.115**

1.00

Bookmark

Anita walks away from her usual  $9/10$  speed and takes 21 minutes more than usual. Find the normal time taken. (in a minute)

- (A)  189 - (Optional 3)
- (B)  190 - (Alternative 4)
- (C)  187 - (Optional 1)
- (D)  188 - (Alternative 2)

**Question no.116**

1.00

Bookmark

Anil received 82 points out of 120 in French, 98 out of 130 in English, 28 in 70 in Spanish and 32 in 80 languages in Japanese. What is the total score percentage received by him? (In%)

- (A)  54 - (Optional 1)
- (B)  58 - (Alternative 2)
- (C)  60 - (Optional 3)
- (D)  62 - (Alternative 4)

**Question No.117**

1.00

Bookmark

One person goes from the hostel to the college with a speed of 20 kmph and reaches a delay of 3.5 minutes. If it reaches 3.5 minutes before cycling at a speed of 24 kmph, then find the distance between the hostel and the college. (in km)

- (A)  17 - (Optional 4)
- (B)  14 - (Optional 1)
- (C)  15 - (Optional 2)
- (D)  16 - (Optional 3)

**Question no.118**

1.00

Bookmark

$X = 0.45666666 \dots$  Find a different value of X.

- (A)   $421/900$  - (Alternative 2)
- (B)   $411/990$  - (Alternative 4)
- (C)   $411/900$  - (Optional 1)
- (D)   $431/900$  - (Alternative 3)

**Question No.119**

1.00

Bookmark

A 100 meter long train runs at a speed of 54 kmph and crosses a bridge in 21 seconds. Find the length of the bridge. (In meters)

- (A)  215 - (Optional 3)
- (B)  205 - (Optional 1)

- (C)  220 - (Alternative 4)  
(D)  210 - (Alternative 2)

**Question No.120**

1.00

Bookmark

Simplify:

$$((2^3)^3 \div 4^3) \times ([72-8] \div 8)$$

- (A)  68 - (Optional 3)  
(B)  38 - (Optional 4)  
(C)  64 - (Optional 1)  
(D)  128 - (Alternative 2)

Roll No:

Registration No:

Name:

Date: 11-Jan-2019 **Shift-2nd**

Examination: **Online Examination - SI**

**Section 1 - Online Examination**

**Question No.1**

1.00

**Bookmark**

Which of the following devices is used to produce high magnetic field in which the combination of solenoid (charinlika) and toroid is used?

- (A)  Generator - (Optional 4)
- (B)  **Synchrotron - (Alternative 2)**
- (C)  Rectifier - (Alternative 1)
- (D)  Bi-Pole (Optional 3)

**Question No.2**

1.00

**Bookmark**

Yamuna river joins Ganga in \_\_\_\_\_.

- (A)  Haridwar - (Alternative 1)
- (B)  Rishikesh - (Alternative 2)
- (C)  **Allahabad - (Alternative 3)**
- (D)  Patna - (Alternative 4)

**Question No.3**

1.00

**Bookmark**

Who did the Big Bang theory?

- (A)  Thomas Gold - (Alternative 4)
- (B)  **George Lamatre - (Alternative 1)**
- (C)  Harry Hayes - (Alternative 2)
- (D)  Alfred Wegener - (Alternative 3)

**Question No.4**

1.00

**Bookmark**

At the place of a cut or injury, the clot or conglom (red brown color) goes away after some time.

This is a network of \_\_\_\_\_ fibers.

- (A)  Lymph - (Alternative 4)
- (B)  Willie - (Alternative 3)
- (C)  **Fibrin - (Alternative 1)**
- (D)  Platelets - (Alternative 2)

**Question No.5**

1.00

**Bookmark**

The famous Jama Masjid was built by which ruler?

- (A)  Jahangir - (Alternative 1)
-



- (B) **Shah Jahan - (Alternative 3)**  
(C)  Aurangzeb - (Alternative 2)  
(D)  Darachikoh - (Alternative 4)

**Question No.6**

1.00

Bookmark

Boxing is called the field of play-

- (A)  Court - (Optional 3)  
(B)  **Ring - (Alternative 4)**  
(C)  Track - (Alternative 1)  
(D)  Diamond - (Alternative 2)

**Question No.7**

1.00

Bookmark

The tissue found between the upper and lower epidermis of a bi-cephal leaf is called -

- (A)  Circulatory System - (Alternative 1)  
(B)  **Mesophil - (Alternative 4)**  
(C)  Answers - (Alternative 3)  
(D)  Pulp - (Alternative 2)

**Question No.8**

1.00

Bookmark

How much is the number of Lok Sabha members currently?

- (A)  580 - (Optional 4)  
(B)  560 - (Optional 3)  
(C)  **545 - (Optional 1)**  
(D)  550 - (Alternative 2)

**Question No.9**

1.00

Bookmark

Constitution of India came into effect-

- (A)  August 15, 1947 - (Alternative 4)  
(B)  **January 26, 1950 - (Alternative 2)**  
(C)  26 November 1949 - (Alternative 3)  
(D)  August 26, 1949 - (Optional 1)

**Question No.10**

1.00

Bookmark

What is the SI number of the current density?

- (A)  mA<sup>2</sup> - (Alternative 4)  
(B)  Am<sup>2</sup> - (Alternative 2)  
(C)  **A / m<sup>2</sup> - (Optional 1)**  
(D)  m / a<sup>2</sup> - (Alternative 3)

**Question No.11**

1.00

Bookmark 

Who is the father of the Green Revolution?

- (A)  A.P.J. Abdul Kalam - (Alternative 4)  
(B)  **M / s. Swaminathan - (Alternative 3)**  
(C)  CNR RAW - (Alternative 2)  
(D)  Norman Borlaug - (Alternative 1)

**Question No.12**

1.00

Bookmark 

Which port was constructed to reduce the congestion of the sea port of Chennai?

- (A)  **Ennore - (Alternative 4)**  
(B)  Tuticorin - (Alternative 1)  
(C)  Cuddalore - (Alternative 3)  
(D)  Puducherry - (Alternative 2)

**Question No.13**

1.00

Bookmark 

M.A. The Chidambaram Stadium is located-

- (A)  Delhi - (Alternative 3)  
(B)  Pune - (Alternative 4)  
(C)  Kolkata - (Alternative 2)  
(D)  **Chennai - (Alternative 1)**

**Question No.14**

1.00

Bookmark 

Which is the newest state of India?

- (A)  **Telangana - (Alternative 4)**  
(B)  Jharkhand - (Alternative 2)  
(C)  Chhattisgarh - (Alternative 3)  
(D)  Uttarakhand - (Alternative 1)

**Question No.15**

1.00

Bookmark 

Who was the author of 'Amar Sonar Bangla', the national anthem of Bangladesh?

- (A)  **Rabindranath Tagore - (Alternative 4)**  
(B)  Kazi Nazarul Islam - (Alternative 2)  
(C)  Muhammad Iqbal - (Alternative 1)  
(D)  Mirza Ghalib - (Alternative 3)

**Question No.16**

1.00

Bookmark 

In the field of national plans lies the official use-

- (A)  England Revolution - (Alternative 3)

- (B) Canadian Revolution - (Alternative 4)  
(C)  **Bolshevik Revolution of Russia - (Alternative 2)**  
(D)  French Revolution - (Alternative 1)

**Question no.17**

1.00

Bookmark

Which of the following is not included in BCCI annual awards?

- (A)  Jagmohan Dalmiya Trophy - (Alternative 3)  
(B)  Polly Umrigar Award - (Alternative 4)  
(C)  **Azlan Shah Cup - (Alternative 2)**  
(D)  M.A. Chidambaram Trophy - (Alternative 1)

**Question No.18**

1.00

Bookmark

Which of the following cities was the capital of Chalukya?

- (A)  Tanjore - (Alternative 4)  
(B)  **Badami - (Alternative 1)**  
(C)  Kanchipuram - (Alternative 3)  
(D)  Madurai - (Alternative 2)

**Question No.19**

1.00

Bookmark

How many years is the tenure of the members of the Lok Sabha?

- (A)  Four years - (Alternative 1)  
(B)  Six years - (Alternative 4)  
(C)  **Five years - (Alternative 2)**  
(D)  Three years - (Optional 3)

**Question No.20**

1.00

Bookmark

What kind of a state is Delhi?

- (A)  **National Capital Region and Union Territory - (Alternative 2)**  
(B)  State - (Optional 4)  
(C)  Capital Territory - (Alternative 1)  
(D)  National Sector - (Alternative 3)

**Question no.21**

1.00

Bookmark

In the context of the concentration of reactants, the rate of reaction rate is called:

- (A)  Immediate Rate - (Optional 2)  
(B)  **Rate Rules - (Alternative 1)**  
(C)  Rate determiners - (Optional 4)  
(D)  Mollar Rule - (Optional 3)

**Question no.22**

1.00

Bookmark

Which breed of cattle is used for two purposes?

- (A)  Deoni - (Alternative 2)
- (B)  Saheehwal - (Alternative 4)
- (C)  Fall - (Alternative 3)
- (D)  **Ongole - (Alternative 1)**

**Question no.23**

1.00

Bookmark

'The golden age of the history of Indian football' is what time is called?

- (A)  2001-2010 - (Optional 4)
- (B)  **1951-1962 - (Alternative 2)**
- (C)  1990-2000 - (Optional 3)
- (D)  1941-1951 - (Optional 1)

**Question no.24**

1.00

Bookmark

In which Indian state is the largest cotton mill number of mills?

- (A)  Telangana - (Alternative 4)
- (B)  West Bengal - (Alternative 3)
- (C)  **Maharashtra - (Alternative 2)**
- (D)  Gujarat - (Alternative 1)

**Question No.25**

1.00

Bookmark

The famous art of embroidery 'Gota' belongs to the state of \_\_\_\_\_.

- (A)  Jharkhand - (Alternative 2)
- (B)  **Rajasthan - (Alternative 3)**
- (C)  West Bengal - (Alternative 1)
- (D)  Chhattisgarh - (Alternative 4)

**Question no.26**

1.00

Bookmark

Which Sultan of Delhi popularized 'Taka' and 'Jintal' coins?

- (A)  Balban - (Alternative 1)
- (B)  Allauddin Khilji - (Alternative 3)
- (C)  Muhammad bin Tughlaq - (Alternative 4)
- (D)  **Iltutmish - (Alternative 2)**

**Question no.27**

1.00

Bookmark

The famous composition 'Totinama' was created during the reign of \_\_\_\_\_.

- (A)  Babar - (Alternative 2)
- (B)  **Akbar - (Alternative 1)**
- (C)  Aurangzeb - (Alternative 4)

(D)  Humayun - (Alternative 3)

**Question no.28**

1.00

Bookmark

The change in the kinetic energy of an object is equal to the total force on the object. This statement is related-

- (A)  From the Conservation of Mechanical Energy - (Alternative 4)
- (B)  From the work done by different forces - (Alternative 3)
- (C)  **From Work-Energy Theorem - (Alternative 2)**
- (D)  From the principle of energy conservation - (Alternative 1)

**Question no.29**

1.00

Bookmark

Which House is headed by Speaker from both Houses of Indian Parliament?

- (A)  **Lok Sabha - (Alternative 1)**
- (B)  Viceroy House - (Alternative 4)
- (C)  Gram Sabha - (Alternative 2)
- (D)  Rajya Sabha - (Alternative 3)

**Question No.30**

1.00

Bookmark

On what date is the monstrous equinox?

- (A)  21 or 23 June - (Alternative 1)
- (B)  21 or 23 March - (Alternative 4)
- (C)  22 or 23 December - (Alternative 2)
- (D)  **22 or 23 September (Alternative 3)**

**Question No.31**

1.00

Bookmark

What does the word 'khyal' of Hindustani music mean?

- (A)  Beauty - (Alternative 1)
- (B)  Virgo - (Alternative 2)
- (C)  Stress - (Alternative 3)
- (D)  **Imagination - (Alternative 4)**

**Question No.32**

1.00

Bookmark

Which of the following members of the House should not be less than 25 years?

- (A)  Perina House - (Alternative 4)
- (B)  Rajya Sabha - (Alternative 2)
- (C)  Village House - (Alternative 1)
- (D)  **Lok Sabha - (Alternative 3)**

**Question No.33**

1.00

Bookmark

The minimum support price is related-

- (A)  Automobile Industry - (Alternative 4)
- (B)  **Agricultural Production - (Alternative 2)**
- (C)  Petroleum Industry - (Alternative 1)
- (D)  Import and Export - (Optional 3)

**Question No.34**

1.00

Bookmark

Marathon race was introduced in the modern Olympics to keep memory of \_\_\_\_\_ memory memorable.

- (A)  Mark Spitz - (Alternative 4)
- (B)  Emile Jatopec - (Alternative 2)
- (C)  **Fidelipeds - (Alternative 3)**
- (D)  Carl Lewis - (Alternative 1)

**Question No.35**

1.00

Bookmark

What is the maximum number of Rajya Sabha members?

- (A)  225 - (Alternative 4)
- (B)  235 - (Optional 3)
- (C)  **250 - (Optional 2)**
- (D)  245 - (Alternative 1)

**Question No.36**

1.00

Bookmark

Which of the following is a gaseous planet? (Gaseous monster)

- (A)  Mars - (Alternative 1)
- (B)  Pluto - (Alternative 4)
- (C)  **Jupiter - (Alternative 2)**
- (D)  Earth - (Alternative 3)

**Question No.37**

1.00

Bookmark

Health component is measured in 'Human Development Index' (HDI)

- (A)  Absence of Diseases - (Alternative 4)
- (B)  Maternal mortality rate - (Alternative 3)
- (C)  Infant Mortality - (Alternative 2)
- (D)  **Life expectancy at birth - (Alternative 1)**

**Question No.38**

1.00

Bookmark

What is the number of Union Territories in Indian Government?

- (A)  5 - (Optional 3)
- (B)  **7 - (Optional 1)**
-

- (C) 6 - (Optional 2)  
(D)  9 - (Optional 4)

**Question No.39**

1.00

Bookmark

Which combination given in the following options is misconstrued?

- (A)  Silambam-Tamilnadu (Alternative 3)  
(B)  **Lathi-Karnataka - (Alternative 4)**  
(C)  Kalaripattu-Kerala - (Alternative 1)  
(D)  Gatta-Punjab - (Alternative 2)

**Question No.40**

1.00

Bookmark

Which of the following is made of complete electrical decomposition of water in nuclear reactors and used as a controller?

- (A)  Hard Water - (Alternative 3)  
(B)  Mild Water - (Alternative 1)  
(C)  Permanently rigid water - (Alternative 4)  
(D)  **Heavy Water - (Alternative 2)**

**Question No.41**

1.00

Bookmark

Which of the following absorbs the impurities of the color and dissolves the solution?

- (A)  Aluminum - (Alternative 4)  
(B)  Hydrogen - (Alternative 3)  
(C)  Potassium Chloride - (Alternative 1)  
(D)  **Animal Charcoal - (Alternative 2)**

**Question No.42**

1.00

Bookmark

Raja Ravi Verma belongs to the \_\_\_\_\_ state.

- (A)  Telangana - (Alternative 3)  
(B)  **Kerala - (Alternative 2)**  
(C)  Tamil Nadu - (Alternative 1)  
(D)  Andhra Pradesh - (Alternative 4)

**Question No.43**

1.00

Bookmark

What is the outermost layer of earth called?

- (A)  **Bhuppati - (Alternative 1)**  
(B)  Mantle - (Optional 3)  
(C)  Cod - (Optional 4)  
(D)  Lithosphere - (Alternative 2)

**Question no.44**

1.00

Bookmark

What is called the arrangement of ovules inside the ovaries in the plants?

- (A)  Infertilation - (Alternative 3)
- (B)  **Aparānāsa - (Alternative 4)**
- (C)  Couplative Fertility - (Alternative 1)
- (D)  Zygotic generation - (Alternative 2)

**Question No.45**

1.00

**Bookmark**

According to the WTO, "the movement of goods and services, capital and labor force, unrestricted movement across the boundaries of the country" is called the speed of the economy all over the world-

- (A)  **Globalization - (Alternative 3)**
- (B)  Modernization - (Optional 4)
- (C)  Personalization - (Alternative 1)
- (D)  Liberalization - (Alternative 2)

**Question No.46**

1.00

**Bookmark**

In the Indian constitution, which original duties were added by the Act?

- (A)  44th Amendment - (Optional 3)
- (B)  41st Amendment - (Optional 1)
- (C)  **42nd Amendment - (Alternative 2)**
- (D)  52st Amendment - (Optional 4)

**Question no.47**

1.00

**Bookmark**

FCI is currently working on the sale of wheat at the prevailing market in the open market. This is called-

- (A)  Minimum selling price of wheat - (Alternative 4)
- (B)  Gone Sales Program - (Alternative 3)
- (C)  Online Co-Selling Sales - (Alternative 2)
- (D)  **Open Market Sale Scheme - (Optional 1)**

**Question no.48**

1.00

**Bookmark**

India is the largest producer of raw silk-

- (A)  Haryana - (Alternative 4)
- (B)  Punjab - (Alternative 3)
- (C)  **Karnataka - (Alternative 2)**
- (D)  Kerala - (Alternative 1)

**Question No.49**

1.00

**Bookmark**

Who was the founder of Tughlaqabad city?



- (A)  Feroz Shah Tughlaq - (Alternative 3)
- (B)  **Gahasudin Tughlaq - (Alternative 1)**
- (C)  Muhammad bin Tughlaq - (Alternative 2)
- (D)  Mahmood Tughlaq - (Alternative 4)

**Question No.50**

1.00

Bookmark

Which governor general did the proclamation of the plan of June 3, 1947?

- (A)  Lord Irwin - (Alternative 4)
- (B)  **Lord Mountbatten - (Alternative 2)**
- (C)  Lord Wavell - (Alternative 1)
- (D)  Lord Linlithgow - (Alternative 3)

**Question No.51**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

R: H :: Z: ??

- (A)  **P - (Alternative 1)**
- (B)  S - (Alternative 4)
- (C)  R - (Optional 3)
- (D)  Q - (Optional 2)

**Question No.52**

1.00

Bookmark

Find the next number in the following series:

35, 46, 59, 76, 95, ?

- (A)  **118 - (Alternative 1)**
- (B)  122 - (Optional 3)
- (C)  120 - (Optional 2)
- (D)  124 - (Optional 4)

**Question No.53**

1.00

Bookmark

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Using knives and canchas, two Russian astronauts on Tuesday took a sample of substance around a mysterious hole of the spacecraft called the Soyuz, which was erected at the International Space Station. A Moscow official suggested that this disorder could be deliberately done. This space station, standing on the ISS, was detected two months after the last visit of Soyuz, due to the presence of 2 mm in August, the air air leak was detected. Roscosmos, an astronomical institute, says that for the purpose of detecting this small but dangerous hole in the earth or in space, the binding of the insulation on the hole was taken and a sample of the substance around it was taken and replaced. A new insulation was applied. The chief of Roskosmos has said that the error of manufacturing has not been found in the investigation.

Experienced astronauts had to struggle but they managed to succeed in their mission. Before the spacewalk, astronauts were able to test the hole only from within the spacecraft. The most

important difficulty was that the Soyuz spacecraft was not designed to improve the space before the spacewalk, adverse to ISS, and no railing has been installed to catch the space passengers outside the vehicle.

Statement: The size of that mysterious hole was calculated as a large and destructive hole.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.

D-statement is completely false.

- (A)  **D - (Alternative 4)**  
(B)  B - (Alternative 2)  
(C)  A - (Alternative 1)  
(D)  C - (Alternative 3)

**Question No.54**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

3104: 64 :: 4401: ??

- (A)  80 - (Optional 1)  
(B)  90 - (Optional 3)  
(C)  **81 - (Alternative 2)**  
(D)  100 - (Optional 4)

**Question no.55**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Stammer: Speak :: Sccribble: ??

- (A)  Walk - (Alternative 2)  
(B)  Dance - (Alternative 1)  
(C)  Play - (Optional 4)  
(D)  **Write - (Optional 3)**

**Question no.56**

1.00

Bookmark

A's sister is married to B's maternal uncle. What is the relationship between A's mother to A's mother?

- (A)  **Mother-in-law - (Alternative 4)**  
(B)  Grandmother - (Optional 3)  
(C)  Aunt - (Alternative 2)  
(D)  Mom - (Alternative 1)

**Question no.57**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

6 employees P, Q, R, S, T and U are sitting on a circular table facing the center so that the interval between each of them is equal. (Not necessarily their order). Everyone has different occupations, such as doctors, teachers, cricketer, professor, driver and engineer.

- i) P is sitting at the fourth position on the right side of the doctor.
- ii) P is not sitting next to the engineer or cricketer.
- iii) S, who is a professor, is sitting next to the engineer.
- iv) R is neither a doctor nor is sitting next to the doctor.
- v) T is sitting second from the right of Q, which is not a teacher.

Who is the cricketer of these?

- (A)  U - (Alternative 4)
- (B)  R - (Optional 3)
- (C)  P - (Alternative 1)
- (D)  T - (Alternative 2)

**Question no.58**

1.00

Bookmark

Find the next number in the following series:

15, 30, 33, 66, 69,?

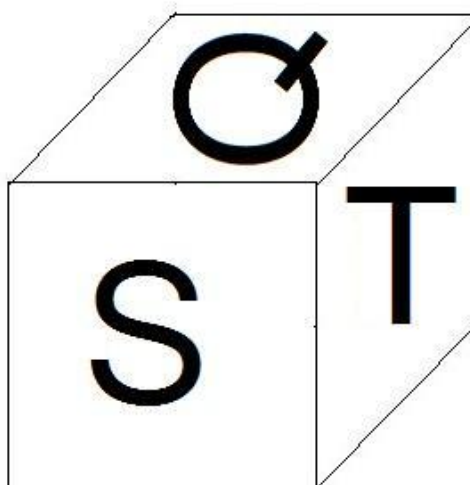
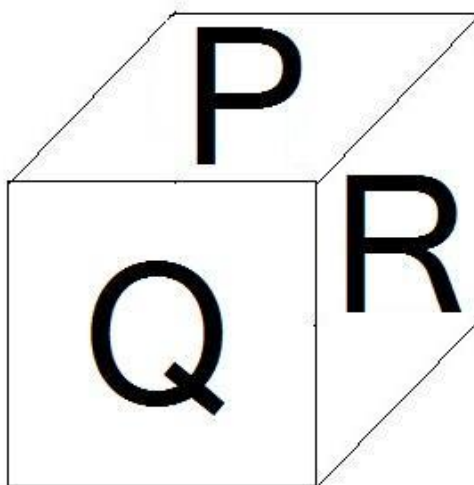
- (A)  138 - (Optional 4)
- (B)  137 - (Optional 3)
- (C)  134 - (Optional 1)
- (D)  136 - (Alternative 2)

**Question No.59**

1.00

Bookmark

According to the diagram shown, six letters P, Q, R, S, T and U are printed on the surfaces of a single dice. What is the letter inscribed on the surface opposite the T face surface?



- (A)  Q - (Optional 2)
- (B)  S - (Alternative 4)

(C)  **P - (Alternative 1)**

(D)  R - (Optional 3)

**Question No.60**

1.00

Bookmark

ALONG is coded as BNPPH in a fixed code language. How would BIRTH be coded in that same language?

(A)  DKTVJ - (Optional 1)

(B)  CJSUI - (Alternative 2)

(C)  DTKJV - (Alternative 4)

(D)  **CKSVI - (Optional 3)**

**Question No.61**

1.00

Bookmark

In this question, there are three statements showing the relationship between the letters. Three findings related to them are given i, ii, and iii. Assuming the statements as truth, decide which conclusions are completely true in relation to the statements.

Statement:  $A \geq N > Y$ ;  $Y = B < O$ ;  $O < D = S$

Conclusion:

i)  $A > B$

ii)  $N < O$

iii)  $Y < D$

(A)  **I only and iii - (optional 1)**

(B)  Only ii and iii - (Alternative 2)

(C)  Only iii - (Alternative 3)

(D)  All - (Optional 4)

**Question No.62**

1.00

Bookmark

In this question, a statement and related two conclusions have been given in the form of i and ii. Assuming the statements given in the statements as true, it is to determine which conclusions are relevant in relation to the statements?

Statement: Today the patient is injected with medication every 20 minutes between 2 pm and 3 pm.

Conclusion:

i) The patient has to be injected 4 times today.

ii) The patient gets injection four times daily.

Select the one most suitable in the following options:

A. The only conclusion i is logical is

B. The only conclusion ii is logical is

C. either the conclusions i or ii is rational

D. Neither conclusion ii nor rational is

E. i and ii both conclusions are rational.

(A)  **D - (Alternative 4)**

(B)  A - (Alternative 1)

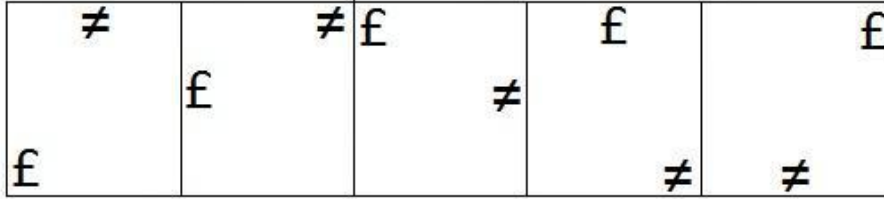
- (C) B - (Alternative 2)  
 (D)  C - (Alternative 3)

**Question No.63**

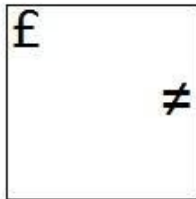
1.00

Bookmark

Select the appropriate picture to come forth in the given series with the options?

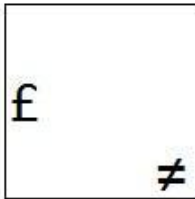


(A)



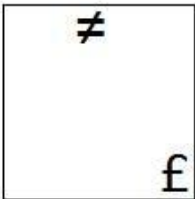
- (Optional 3)

(B)



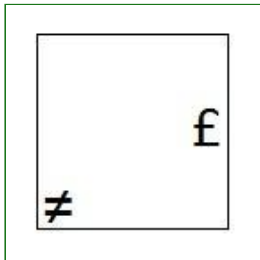
- (Optional 4)

(C)



- (Optional 1)

(D)



- (Optional 2)

**Question No.64**

1.00

Bookmark

Read the following statements and answer the question on their basis.

- A4B means A is the mother of A,  
 A3B means A is B's father,  
 A5B means A is B's son,

A7B means A is the daughter of B

Which of the following options represents the equation That's the Father-in-law of P, S?

- (A)  P4Q3R7S - (Optional 1)
- (B)  P5Q5R4S - (Optional 3)
- (C)  **P3Q3R7S - (Alternative 4)**
- (D)  P7Q5R4S - (Optional 2)

**Question No.65**

1.00

Bookmark

Find the next number in the following series:

16, 41, 91, 191, 391, ?

- (A)  792 - (Alternative 4)
- (B)  **791 - (Optional 3)**
- (C)  789 - (Optional 1)
- (D)  790 - (Alternative 2)

**Question No.66**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves. Which one is not related to this group?

AFK, NSX, TWZ, PUZ, KPU

- (A)  NSX - (Alternative 1)
- (B)  AFK - (Alternative 4)
- (C)  **TWZ - (Alternative 2)**
- (D)  KPU - (Optional 3)

**Question No.67**

1.00

Bookmark

Introducing the boy, my mother said to her daughter-in-law, "This is the daughter of my only son's daughter." What does my mother's daughter-in-law have to do with that boy?

- (A)  **Mom - (Alternative 1)**
- (B)  Sister - (Alternative 3)
- (C)  Grandmother - (Alternative 2)
- (D)  Aunt - (Alternative 4)

**Question No.68**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Car: Wheel :: Bird: ??

- (A)  **Wings - (Alternative 2)**
- (B)  Water - (Alternative 4)
- (C)  Animal - (Alternative 1)
- (D)  Food - (Optional 3)

**Question No.69**

1.00

Bookmark

In this question two statements and two related findings have been given in the form of i and ii. Assuming the statements given in the statements as true, it is necessary to determine which statement is logically logical beyond any doubt?

Statement: All the ants are bees. All bees are insects.

Conclusion:

- i) All ants are insects.
- ii) Some bugs are bees.

Select the most appropriate in the following options:

- A. The only conclusion i is logical is
- B. The only conclusion ii is logical is
- C. either the conclusion i or ii is logical
- D. Neither the conclusions i nor ii is rational
- E. i and ii both conclusions are logical.

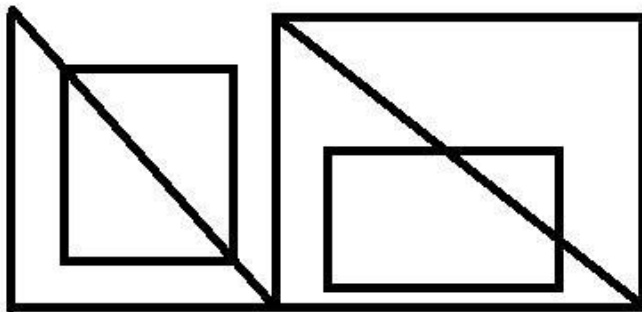
- (A)  A - (Alternative 1)
- (B)  C - (Alternative 3)
- (C)  B - (Alternative 2)
- (D)  E - (Alternative 4)

**Question No.70**

1.00

Bookmark

How many right angled triangles can be made from the given picture?



- (A)  7 - (Optional 4)
- (B)  6 - (Optional 1)
- (C)  5 - (Optional 2)
- (D)  4 - (Optional 3)

**Question No.71**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

6 employees P, Q, R, S, T and U are sitting on a circular table facing the center so that the interval between each of them is equal. (Not necessarily their order). Everyone has different occupations, such as doctors, teachers, cricketer, professor, driver and engineer.

- i) P is sitting at the fourth position on the right side of the doctor.
- ii) P is not sitting next to the engineer or cricketer.

- iii) S, who is a professor, is sitting next to the engineer.
- iv) R is neither a doctor nor is sitting next to the doctor.
- v) T is sitting second from the right of Q, which is not a teacher.

According to the above arrangement of seating, which of the following combinations are odd?

- (A)  Doctor, cricketer - (Alternative 3)
- (B)  **Driver, Engineer - (Alternative 1)**
- (C)  Professor, Teacher - (Alternative 2)
- (D)  Engineer, Professor - (Alternative 4)

**Question No.72**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

6 employees P, Q, R, S, T and U are sitting on a circular table facing the center so that the interval between each of them is equal. (Not necessarily their order). Everyone has different occupations, such as doctors, teachers, cricketer, professor, driver and engineer.

- i) P is sitting at the fourth position on the right side of the doctor.
- ii) P is not sitting next to the engineer or cricketer.
- iii) S, who is a professor, is sitting next to the engineer.
- iv) R is neither a doctor nor is sitting next to the doctor.
- v) T is sitting second from the right of Q, which is not a teacher.

Who is sitting at the third position from the left side of the cricketer?

- (A)  Driver - (Alternative 3)
- (B)  **Teacher - (Alternative 2)**
- (C)  S - (Alternative 1)
- (D)  Q - (Optional 4)

**Question No.73**

1.00

Bookmark

From the given figure, choose the right water reflection from the given options.

**ROSIE**

- (A)



ROZIE - (Optional 1)

(B)

ROZIE - (Optional 2)

(C)

ROZIE - (Optional 4)

(D)

ROZIE - (Optional 3)

**Question No.74**

1.00

Bookmark

Four of the following given below are similar in some way and hence they form a group among themselves. Which one is not related to this group?

M, O, S, W, C

- (A)  O - (Alternative 1)  
(B)  S - (Alternative 2)  
(C)  M - (Alternative 4)  
(D)  W - (Optional 3)

**Question No.75**

1.00

Bookmark

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Using knives and canchas, two Russian astronauts on Tuesday took a sample of substance around a mysterious hole of the spacecraft called the Soyuz, which was erected at the International Space Station. A Moscow official suggested that this disorder could be deliberately done. This space station, standing on the ISS, was detected two months after the last visit of Soyuz, due to the presence of 2 mm in August, the air air leak was detected. Roscosmos, an astronomical institute, says that for the purpose of detecting this small but dangerous hole in the earth or in space, the binding of the insulation on the hole was taken and a sample of the substance around it was taken and replaced. A new insulation was applied. The chief of Roskosmos has said that the error of manufacturing has not been found in the investigation.

Experienced astronauts had to struggle but they managed to succeed in their mission. Before the spacewalk, astronauts were able to test the hole only from within the spacecraft. The most important difficulty was that the Soyuz spacecraft was not designed to improve the space during the spacewalk, in response to the ISS, and no railing has been installed to catch the space passengers outside the vehicle.

Statement: Astronauts succeeded in insulation around the hole but failed to collect samples for analysis.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.

D-statement is completely false.

(A)  B - (Alternative 2)

(B)  D - (Alternative 4)

(C)  C - (Alternative 3)

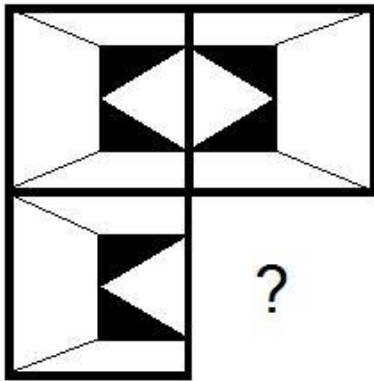
(D)  A - (Alternative 1)

**Question No.76**

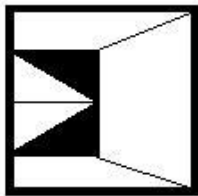
1.00

Bookmark

Select from the selection of the correct shape, which is given the following picture:

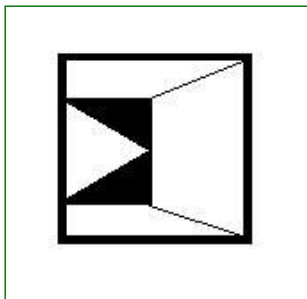


(A)



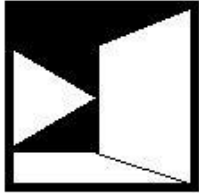
- (Optional 4)

(B)



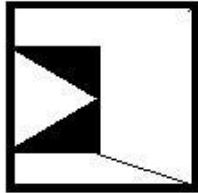
- (Optional 3)

(C)



- (Optional 1)

(D)



- (Optional 2)

**Question No.77**

1.00

**Bookmark**

In this question three statements and related three conclusions have been given. You should consider the things given in the statements as true and to decide which conclusions are logically logical beyond any doubt?

Statement: All green are yellow. Some are yellowish white. All white is black.

Conclusion:

- i) Some are white.
- ii) Some green are black.
- iii) Some are dark yellow.

- (A)  **Only iii - (Alternative 4)**
- (B)  Only i and iii - (Alternative 2)
- (C)  I and ii only - (optional 1)
- (D)  Only ii and iii - (optional 3)

**Question No.78**

1.00

**Bookmark**

In a fixed code language, PITCH is coded as KRGXS. How will RADIO be coded in the same language?

- (A)  IZWSL - (Optional 4)
- (B)  TCWKQ - (Optional 1)
- (C)  **IZWRL - (Optional 2)**
- (D)  TCKWQ - (Optional 3)

**Question No.79**

1.00

**Bookmark**

Find the next number in the following series:  
14, 31, 59, 121, 239,?

- (A)  490 - (Alternative 4)
- (B)  484 - (Optional 3)

(C)  481 - (Alternative 2)

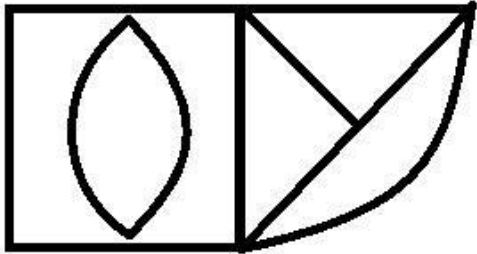
(D)  478 - (Optional 1)

**Question No. 80**

1.00

Bookmark

What is the number of straight lines in the given picture?



(A)  7 - (Optional 2)

(B)  10 - (Optional 4)

(C)  9 - (Optional 1)

(D)  8 - (Optional 3)

**Question No.81**

1.00

Bookmark

If the mirror is placed on the shaded line then the correct mirror image of the given picture will be-



(A)

**AƆNIƎA** - (Optional 1)

(B)

**GUINEA** - (Optional 4)

(C)

**ƆNIƎA** - (Optional 2)

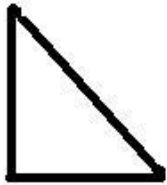
(D)

Question No.82

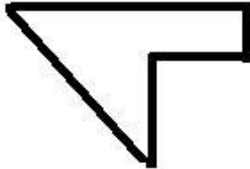
1.00

Bookmark

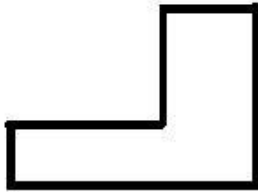
From the following options, select the correct option that creates a perfect square (3 of the 5 images outlined below):



1



2



3



4



5

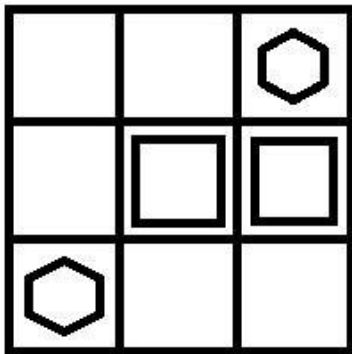
- (A)  1,4,5 - (Alternative 2)
- (B)  2,3,4 - (Optional 1)
- (C)  2,3,5 - (Optional 3)
- (D)  1,2,3 - (Optional 4)

Question no.83

1.00

Bookmark

How many classes are there in the given picture?



- (A)  16 - (Optional 2)
- (B)  13 - (Optional 1)
- (C)  12 - (Optional 3)
- (D)  11 - (Optional 4)

Question no.84

1.00

Bookmark

In this question the relation between the different characters has been given in the statement. Two conclusions related to the statement have been given.

Statement:  $B > E > A = T < I \leq N$

Conclusion:

- i)  $B > T$
- ii)  $B > i$

Select the appropriate from the following options.

- A. The only conclusion i is logical is
- B. only the conclusions ii is logical
- C. Either the conclusions i or ii is rational
- D. Neither conclusion ii nor rational is
- E. i and ii both conclusions are rational.

- (A)  B - (Alternative 2)
- (B)  A - (Alternative 1)
- (C)  D - (Alternative 4)
- (D)  C - (Alternative 3)

**Question no.85**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves. Which one is not related to this group?

Lucky, Unfortunate, Blessed, Prosperous, Opportune

- (A)  Blessed - (Optional 3)
- (B)  Opportune - (Alternative 2)
- (C)  Unfortunate - (Optional 1)
- (D)  Lucky - (Alternative 4)

**Question no.86**

1.00

Bookmark

45 $\sqrt{3}$  cm If the cuboid is melted by making the cuboid, then its height will be, if the length of the cuboid is equal to the arm of the cube and the width of the cuboid is 22.5 cm. (from cm)

- (A)  92 - (Optional 3)
- (B)  94 - (Alternative 4)
- (C)  90 - (Optional 2)
- (D)  88 - (Alternative 1)

**Question No.87**

1.00

Bookmark

L. 51 and M. of two numbers 17. If one of them is 17, then find the second number?

- (A)  34 - (Alternative 4)
- (B)  867 - (Optional 3)
- (C)  51 - (Alternative 2)
- (D)  17 - (Optional 1)

**Question no.88**

1.00

Bookmark

The area of a square piece of glass is  $961 \text{ cm}^2$ , which is placed above a table. The width between the glass and one side of the table is 11 cm. Find the length of the table? (in cm)

- (A)  53 - (Alternative 4)  
(B)  47 - (Optional 1)  
(C)  51 - (Optional 3)  
(D)  49 - (Alternative 2)

**Question No.89**

1.00

Bookmark

Find the value of x:

$$\sqrt{(940-x)} = \sqrt{(926-\sqrt{676})}$$

- (A)  40 - (Optional 1)  
(B)  38 - (Alternative 2)  
(C)  37 - (Optional 3)  
(D)  29 - (Optional 4)

**Question No.90**

1.00

Bookmark

The sum of compound interest and simple interest received in two years on the same amount is Rs. 198. If the interest rate is 6% per annum, then calculate the amount invested (in Rs.)

- (A)  55,000 - (Optional 3)  
(B)  57,500 - (Optional 4)  
(C)  50,000 - (Optional 1)  
(D)  52,500 - (Optional 2)

**Question No.91**

1.00

Bookmark

Simplify:

$$((5^2)^3 \div 25^2) \times ([42-6] \div 6)$$

- (A)  100 - (Optional 1)  
(B)  125 - (Alternative 2)  
(C)  150 - (Optional 3)  
(D)  175 - (Alternative 4)

**Question No.92**

1.00

Bookmark

There are different types of old coins in the ratio of 3: 5: 7 in a box, whose values are Rs 1, Rs 5 and Rs 10 respectively. If the total value of coins kept in boxes is Rs. 2450 If so, then Rs 10 What is the total number of coins of value?

- (A)  184 - (Alternative 4)
- (B)  175 - (Optional 1)
- (C)  178 - (Alternative 2)
- (D)  181 - (Alternative 3)

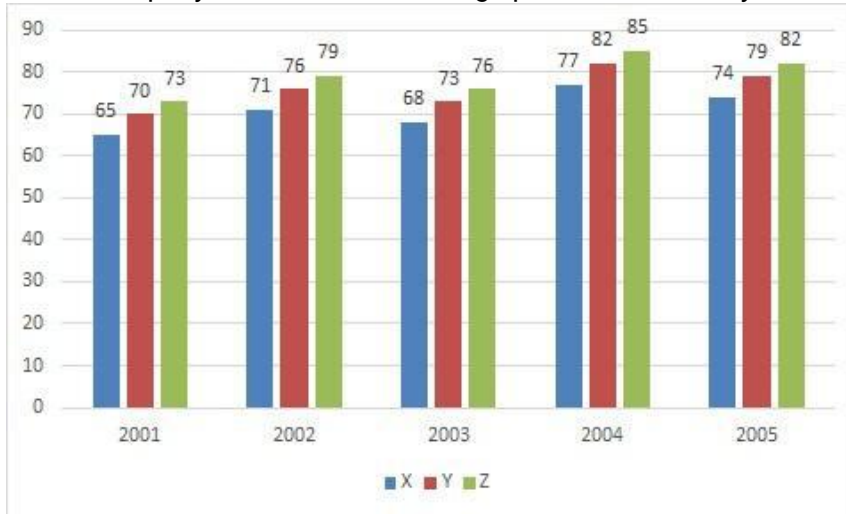
**Question No.93**

1.00

Bookmark

Instructions: The following times graph shows the figures (in thousand) of papers created between three different companies X, Y and Z, between 2001-2005.

Which company has the lowest average production of five years?



- (A)  X - (Optional 1)
- (B)  Y - (Alternative 2)
- (C)  Z - (Optional 3)
- (D)  None of these - (Alternative 4)

**Question No.94**

1.00

Bookmark

Anita can set a certain distance to its normal speed (9/10) and set it at a normal speed and set it in 25 minutes more than the time it takes. Find the time it takes to determine the same distance during normal speed? (in a minute)

- (A)  226 - (Alternative 4)
- (B)  224 - (Alternative 2)
- (C)  225 - (Optional 3)
- (D)  222 - (Optional 1)

**Question No.95**

1.00

Bookmark

Based on a subsidiary project, there are 217 male and 217 female employees in the English company. The average productivity of all employees is 77 calls / day. If a male employee receives 77 calls / day, how much will the number of calls received by women employees per day?

- (A)  78 - (Optional 3)
- (B)  77 - (Optional 2)
- (C)  76 - (Alternative 1)



(D)  79 - (Alternative 4)

**Question No.96**

1.00

Bookmark

On the compound interest, a sum is doubled to the original amount in 7 years. In how many years will it be 128 times its original amount? (In the year)

- (A)  53 - (Optional 3)
- (B)  55 - (Optional 4)
- (C)  51 - (Alternative 2)
- (D)  **49 - (Optional 1)**

**Question No.97**

1.00

Bookmark

A person completes his journey in 7.5 hours. He fixed the first part of the journey at a speed of 20 kmph and the second part at a speed of 30 kmph. Find the total distance traveled by him. (in km)

- (A)  170 - (Optional 3)
- (B)  175 - (Alternative 2)
- (C)  165 - (Alternative 4)
- (D)  **180 - (Optional 1)**

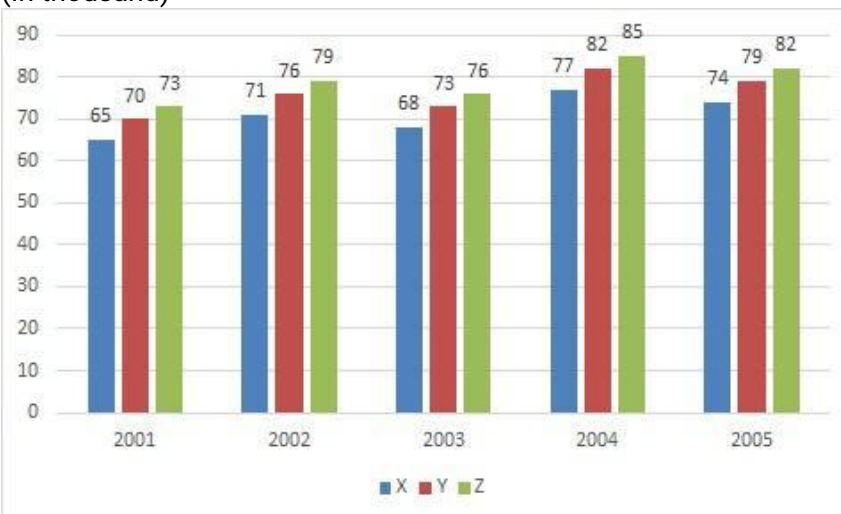
**Question No.98**

1.00

Bookmark

Instructions: The following times graph shows the figures (in thousand) of papers created between three different companies X, Y and Z, between 2001-2005.

Find out the difference between the number of papers produced by Company Z in 2001 and 2002? (In thousand)



- (A)  **3 - (Optional 1)**
- (B)  6 - (Optional 4)
- (C)  5 - (Optional 3)
- (D)  4 - (Optional 2)

**Question No.99**

1.00

Bookmark

The average weight of 89 notebooks kept in a box is 8.9 kg. In the box 1 notebook and holding, its average weight is 9 kg. Know the weight of the new notebook kept? (in kg)

- (A)  19.9 - (Optional 3)
- (B)  20.9 - (Optional 4)
- (C)  17.9 - (Optional 1)
- (D)  18.9 - (Optional 2)

**Question No.100**

1.00

Bookmark

Which of the following is divisible by 24?

- (A)  109464 - (Optional 4)
- (B)  109644 - (Optional 3)
- (C)  190446 - (Alternative 2)
- (D)  446190 - (Optional 1)

**Question No.101**

1.00

Bookmark

The average of three numbers is 225. If the ratio of second to second is the ratio of 2: 3 and the ratio of the third to the third is 3: 4, then find the second number?

- (A)  75 - (Optional 1)
- (B)  73 - (Optional 3)
- (C)  74 - (Alternative 2)
- (D)  72 - (Alternative 4)

**Question No.102**

1.00

Bookmark

The number of workers working in a farm is increased by 15% and their salary per person is reduced by 15%. By doing so, if the total amount of expenditure for the purpose is reduced by x%, then know the value of x?

- (A)  2.24 - (Optional 1)
- (B)  2.25 - (Optional 2)
- (C)  2.27 - (Optional 4)
- (D)  2.26 - (Optional 3)

**Question No.103**

1.00

Bookmark

54547 divided by 9 What will be the remainder?

- (A)  0 - (Optional 4)
- (B)  4 - (Optional 1)
- (C)  6 - (Optional 2)
- (D)  7 - (Optional 3)

**Question No.104**

1.00

Bookmark

A shopkeeper has an item worth Rs 1,596 By selling it, it receives 14% profit. How much will the half of the purchase price of that item be equal to? (In rupees)

- (A)  650 - (Optional 1)

- (B)  700 - (Alternative 2)  
(C)  800 - (Alternative 4)  
(D)  750 - (Optional 3)

**Question No.105**

1.00

Bookmark

After two consecutive discounts of 10% and 20%, the sale price of an item is Rs. 1,836. Is there. If the purchase price of the item is 50% of the market value, then its purchasing value should be known? (In rupees)

- (A)  1,305 - (Optional 4)  
(B)  1,285 - (Optional 2)  
(C)  1,275 - (Optional 1)  
(D)  1,295 - (Optional 3)

**Question No.106**

1.00

Bookmark

Rs 345 for one item The loss on selling in the same item is Rs 681. 60% of the profit received on sale. Find the purchase price of that item? (In rupees)

- (A)  451 - (Alternative 2)  
(B)  461 - (Optional 3)  
(C)  441 - (Optional 1)  
(D)  471 - (Alternative 4)

**Question No.107**

1.00

Bookmark

The ratio of milk and water to 175 liters is 3: 4. If this ratio changes to 3: 5, then know the amount of excess water mixed in it later? (In liters)

- (A)  27 - (Optional 4)  
(B)  24 - (Optional 1)  
(C)  25 - (Optional 2)  
(D)  26 - (Optional 3)

**Question No.108**

1.00

Bookmark

A bulb manufacturer found that 19% of their total product was faulty. If the number of lossless products is 2025, then find the number of defective products?

- (A)  478 - (Optional 4)  
(B)  477 - (Alternative 3)  
(C)  476 - (Alternative 2)  
(D)  475 - (Optional 1)

**Question No.109**

1.00

Bookmark

If  $x = 0.128888 \dots$ , then find the value of a different number of  $x$ ?

- (A)  126/990 - (Optional 3)  
(B)  116/900 - (Optional 1)  
(C)  136/900 - (Optional 4)

(D)  116/990 - (Alternative 2)

**Question no.110**

1.00

Bookmark

Simplify:

$$\sqrt{(1191 - \sqrt{(1250 - \sqrt{(599 + \sqrt{676}})})})}$$

- (A)  35 - (Optional 3)  
(B)  28 - (Optional 1)  
(C)  **34 - (Alternative 2)**  
(D)  29 - (Optional 4)

**Question No.111**

1.00

Bookmark

There are 10 bangles in a gift box. The average weight of the first 4 bangles is 72 grams and the average weight of the remaining 6 bangles is 73 grams. Find the total average weight of all bangles (in grams)?

- (A)  71.6 - (Optional 3)  
(B)  69.6 - (Optional 2)  
(C)  68.6 - (Optional 1)  
(D)  **72.6 - (Optional 4)**

**Question no.112**

1.00

Bookmark

The length of a floor is 125% of its width. If the area of the floor is  $180 \text{ cm}^2$ , then find the length of the floor and the sum of the width?

- (A)  23 - (Optional 1)  
(B)  **27 - (Optional 3)**  
(C)  29 - (Optional 4)  
(D)  25 - (Optional 2)

**Question No.113**

1.00

Bookmark

An amount was divided between Ankit, Babu, Kristo and David in the ratio of 5: 4: 3: 2. If Kristo received more than Rs 115 from David, how many rupees did Babu get? (In rupees)

- (A)  **460 - (Optional 4)**  
(B)  430 - (Optional 1)  
(C)  450 - (Optional 3)  
(D)  440 - (Alternative 2)

**Question No.114**

1.00

**Bookmark** 

Martin donates 13% of his salary to an institution of blind, 12% of orphans, 14% of the body of the organism, and donates 16% of his salary as a donation in aid of the establishment of a medical camp. | The remaining Rs 19,125 He deposits in the bank for the monthly expenditure. Find the amount given in donation to the institution of the blind. (In rupees)

- (A)  5,535 - (Optional 2)  
(B)  5,545 - (Optional 3)  
(C)  5,525 - (Optional 1)  
(D)  5,555 - (Optional 4)

**Question No.115**

1.00

**Bookmark** 

Anil receives 78 points out of 120 in French, 94 out of 130 in English, 32 in 70 in the Spanish language, and 36 out of 80 in the Japanese language. Find the total percentage of the marks obtained by him? (%In)

- (A)  60 - (Optional 3)  
(B)  65 - (Alternative 4)  
(C)  50 - (Optional 1)  
(D)  55 - (Alternative 2)

**Question no.116**

1.00

**Bookmark** 

A train length 145m crosses a bridge at a speed of 54 kmph in 29 seconds. Find the length of the bridge? (in m)

- (A)  270 - (Optional 1)  
(B)  290 - (Alternative 2)  
(C)  330 - (Alternative 4)  
(D)  310 - (Optional 3)

**Question No.117**

1.00

**Bookmark** 

A person reaches the hospital with a speed of 20 kmph and a delay of 7.5 minutes from the hostel. If he used to ride a bicycle at a speed of 24 kmph, it would reach 7.5 minutes early. Find the distance between the hostel from the college? (in km)

- (A)  34 - (Optional 3)  
(B)  32 - (Alternative 2)  
(C)  36 - (Optional 4)  
(D)  30 - (Optional 1)

**Question no.118**

1.00

**Bookmark** 

Simplify:

$$156 - [6^2 - 5^2 + \sqrt{(121 \div 11 + 110[25 \times 25 \div 625])}]$$

- (A)  124 - (Optional 1)  
 (B)  134 - (Optional 4)  
 (C)  54 - (Alternative 2)  
 (D)  128 - (Optional 3)

**Question No.119**

1.00

Bookmark

Instructions: The following times graph shows the figures (in thousand) of papers created between three different companies X, Y and Z, between 2001-2005.

What percentage increase in production of company X between 2002 and 2005? (Find the percent value up to two digits in decimal)



- (A)  4.20 - (Optional 1)  
 (B)  4.30 - (Optional 4)  
 (C)  4.23 - (Optional 2)  
 (D)  4.27 - (Optional 3)

**Question No.120**

1.00

Bookmark

Invested at 8,000 rupees, simple interest rate of 11% per annum. If after 5 years, that amount is withdrawn and half the amount is invested in the stock market, then what will be the remaining amount (in Rs.)?

- (A)  6,300 - (Optional 3)  
 (B)  6,350 - (Optional 4)  
 (C)  6,200 - (Optional 1)  
 (D)  6,250 - (Optional 2)

Roll No:

Registration No:

Name:

Date: 11-Jan-2019 **Shift-3**

Examination: **Online Examination - SI**

**Section 1 - Online Examination**

**Question No.1**

1.00

**Bookmark**

Which of the following wrote the famous epic 'Rentaarjuni'?

- (A)  **Bharwi - (Alternative 1)**
- (B)  Kalidas - (Alternative 2)
- (C)  Chanakya - (Alternative 4)
- (D)  Ashwaghosh - (Alternative 3)

**Question No.2**

1.00

**Bookmark**

Which game is associated with Somdev Devvarman?

- (A)  Squash - (Alternative 4)
- (B)  **Tennis - (Alternative 3)**
- (C)  Football - (Alternative 2)
- (D)  Hockey - (Alternative 1)

**Question No.3**

1.00

**Bookmark**

Of which of the following are iron and steel factories in the region?

- (A)  Hooghly River Basin - (Alternative 4)
- (B)  **Chota Nagpur Plateau - (Alternative 3)**
- (C)  Malwa Plateau - (Alternative 2)
- (D)  Deccan Plateau - (Alternative 1)

**Question No.4**

1.00

**Bookmark**

Which proteins secrete infected cells to protect other non-infected cells from infected cells?

- (A)  Immune - (Alternative 4)
- (B)  Neutrophils - (Alternative 3)
- (C)  **Interferon - (Alternative 2)**
- (D)  Leucocyte - (Alternative 1)

**Question No.5**

1.00

**Bookmark**

The provision of the election of members of the Rajya Sabha was taken from the constitution of which country?

- (A)  From the Government of India Act, 1935 - (Alternative 4)
- (B)  **South African Constitution - (Alternative 3)**
- (C)  American Constitution - (Alternative 1)
- (D)  Australian Constitution - (Alternative 2)

**Question No.6**

1.00

Bookmark 

Which country hosted the Summer Youth Olympics 2018?

- (A)  China - (Alternative 2)
- (B)  Peru - (Alternative 1)
- (C)  **Argentina - (Alternative 3)**
- (D)  Japan - (Alternative 4)

**Question No.7**

1.00

Bookmark 

What year was started for 'Ganga Action Plan'?

- (A)  1988 - (Alternative 2)
- (B)  1992 - (Alternative 3)
- (C)  1995 - (Alternative 4)
- (D)  **1986 - (Alternative 1)**

**Question No.8**

1.00

Bookmark 

In which year was the name of Madras State changed to Tamil Nadu?

- (A)  1967 - (Alternative 1)
- (B)  1991 - (Optional 3)
- (C)  **1969 - (Alternative 4)**
- (D)  1956 - (Alternative 2)

**Question No.9**

1.00

Bookmark 

Who was the founder of the Khilji dynasty?

- (A)  **Jalaluddin Khilji - (Alternative 4)**
- (B)  Allauddin Khilji - (Alternative 1)
- (C)  Malik Kafur - (Alternative 3)
- (D)  Mubarak Shah Khaliji - (Alternative 2)

**Question No.10**

1.00

Bookmark 

The external layer of pollen is made of Acine \_\_\_\_\_, which is a highly resistant organic matter.

- (A)  Microcolonin - (Alternative 3)
- (B)  Intine - (Alternative 2)
- (C)  **Sporopoleanin - (Alternative 1)**
- (D)  Microscope Tetraed - (Alternative 4)

**Question No.11**

1.00

Bookmark 

Based on the report of which government commission, after the creation of Andhra Pradesh on linguistic basis, the demand for division on this basis has increased in other areas also?

- (A)  **Fazal Ali Commission - (Alternative 3)**
- (B)  Torrent Commission - (Alternative 1)
- (C)  JVP Commission - (Alternative 2)
- (D)  Kaka Blackar Commission - (Alternative 4)



**Question No.12**

1.00

Bookmark 

What was the chipko agitation against?

- (A)  **Deforestation - (Alternative 3)**
- (B)  Industrial Development - (Alternative 4)
- (C)  Mining - (Alternative 1)
- (D)  Build Construction - (Alternative 2)

**Question No.13**

1.00

Bookmark 

Qutbuddin Iqbal was killed while playing the game?

- (A)  **Chaugan - (Alternative 4)**
- (B)  Hunting - (Alternative 3)
- (C)  Elephant Battle - (Alternative 2)
- (D)  Chess - (Alternative 1)

**Question No.14**

1.00

Bookmark 

Which of the following is the deepest and busiest harbor?

- (A)  Paradeep Harbor - (Alternative 3)
- (B)  Chennai Port - (Alternative 2)
- (C)  **Visakhapatnam Harbor - (Alternative 1)**
- (D)  Tuticorin port - (Alternative 4)

**Question No.15**

1.00

Bookmark 

Which Sultan of Delhi is known for taking bold decisions during his rule?

- (A)  **Muhammad bin Tughlaq - (Alternative 1)**
- (B)  Qutubuddin Iqbal - (Alternative 3)
- (C)  Feroz Shah Tughlaq - (Alternative 2)
- (D)  Allauddin Khilji - (Alternative 4)

**Question No.16**

1.00

Bookmark 

Who is determined by GDP in India?

- (A)  **Central Statistical Office - (Alternative 4)**
- (B)  Ministry of Finance - (Alternative 1)
- (C)  Financial Commission - (Alternative 2)
- (D)  Standing Committee - (Alternative 3)

**Question no.17**

1.00

Bookmark 

Which of the following is not a sign that is due to a recession?

- (A)  Decrease in employment rates - (Alternative 3)
- (B)  Industry starts reducing prices - (Alternative 4)
- (C)  **Inflation in inflation - (Alternative 2)**
- (D)  Normal decline in demand - (Optional 1)

**Question No.18**

1.00

Bookmark 

What is the meaning of 'gopuram' in temple architecture?

- (A)  Dance Pavilion - (Alternative 4)
- (B)  Multi-Purpose Hall - (Alternative 1)
- (C)  Temple of God - (Alternative 2)
- (D)  **Door - (optional 3)**

**Question No.19**

1.00

Bookmark 

Which court has the power to issue order for common law rights?

- (A)  Subordinate Courts - (Optional 3)
- (B)  Supreme Court - (Alternative 1)
- (C)  **High Court - (Alternative 2)**
- (D)  None of these - (Alternative 4)

**Question No.20**

1.00

Bookmark 

Which of the following deserts are located in South America?

- (A)  Kalahari Desert - (Alternative 4)
- (B)  **Pentagon Desert - (Alternative 1)**
- (C)  Thar Desert - (Alternative 3)
- (D)  Sonoran Desert - (Alternative 2)

**Question no.21**

1.00

Bookmark 

Which measurement method is used for measuring long distances?

- (A)  **Parallelism - (Alternative 4)**
- (B)  Contact Method - (Optional 3)
- (C)  Basic method - (Alternative 2)
- (D)  Derivative Method - (Optional 1)

**Question no.22**

1.00

Bookmark 

In 2002, by which constitution amendment education was included in the original rights?

- (A)  **86th Constitution Amendment - (Alternative 4)**
- (B)  69th Constitution Amendment - (Alternative 3)
- (C)  84th Constitution Amendment - (Alternative 2)
- (D)  42nd Constitution Amendment - (Alternative 1)

**Question no.23**

1.00

Bookmark 

Who is the last lender of the following?

- (A)  Prime Minister of India - (Alternative 4)
- (B)  **Reserve Bank of India - (Alternative 1)**
- (C)  President of India - (Alternative 3)
- (D)  Parliament - (Alternative 2)

**Question no.24**

1.00

**Bookmark** 

Vijayalaya, the founder of the Chola dynasty, was the first feudal-

- (A)  Of the Novels - (Optional 3)
- (B)  Of Pandya - (Alternative 4)
- (C)  **Of Pallavas - (Alternative 2)**
- (D)  Of Rashtrakutas - (Alternative 1)

**Question No.25**

1.00

**Bookmark** 

What method of soil conservation does it contribute to the construction of sand dunes and stabilization of deserts?

- (A)  **Shady Agriculture - (Alternative 4)**
- (B)  Terracotta Agriculture - (Alternative 1)
- (C)  Contour Farming - (Alternative 3)
- (D)  Micro Agriculture - (Alternative 2)

**Question no.26**

1.00

**Bookmark** 

Who was the first Governor General of independent India?

- (A)  Lord Linlithgow - (Alternative 3)
- (B)  **Lord Mountbatten - (Alternative 1)**
- (C)  Lord Wavell - (Alternative 2)
- (D)  Lord Mayo - (Alternative 4)

**Question no.27**

1.00

**Bookmark** 

On January 1, 2015, which of the following government bodies was renamed as National Commission?

- (A)  **Planning Commission - (Alternative 2)**
- (B)  Prime Minister's Office - (Alternative 1)
- (C)  National Development Council - (Alternative 3)
- (D)  Finance Commission - (Alternative 4)

**Question no.28**

1.00

**Bookmark** 

In any given two medium, the incident angle of one medium will be called 90 degrees of the refracted angle of another medium-

- (A)  **Critical angle - (Alternative 2)**
- (B)  Angle of incidence - (Alternative 4)
- (C)  Mirror Angle - (Optional 3)
- (D)  Common Angles - (Optional 1)

**Question no.29**

1.00

**Bookmark** 

Which of the following options is not related to the general category?

- (A)  Segregated - (Optional 3)
- (B)  Narcotics - (Alternative 1)
- (C)  Cannabis - (Alternative 2)
- (D)  **Skeet - (Alternative 4)**

**Question No.30**

1.00

Bookmark 

Which of these countries is in the Murray-Darling River Basin?

- (A)  New Zealand - (Alternative 1)
- (B)  Kenya - (Alternative 3)
- (C)  **Australia - (Alternative 4)**
- (D)  Madagascar - (Alternative 2)

**Question No.31**

1.00

Bookmark 

To manufacture conjugated decontaneous benzacunes, phenol is oxidized with which acid?

- (A)  Carboxylic acid - (Alternative 2)
- (B)  **Chromatic Acids - (Alternative 3)**
- (C)  Benzoic Acid - (Alternative 1)
- (D)  Sulfuric Acid - (Alternative 4)

**Question No.32**

1.00

Bookmark 

Which of the following is the largest port of Europe?

- (A)  Port of London - (Alternative 2)
- (B)  Port of Venice - (Alternative 3)
- (C)  Port of Lisbon - (Alternative 4)
- (D)  **Port of Rotterdam - (Alternative 1)**

**Question No.33**

1.00

Bookmark 

Which of the following is famous for 'Mithila painting'?

- (A)  Rajasthan - (Alternative 3)
- (B)  Maharashtra - (Alternative 1)
- (C)  **Bihar - (Alternative 2)**
- (D)  Gujarat - (Alternative 4)

**Question No.34**

1.00

Bookmark 

Who was called Dewan-i-Arz in Medieval India?

- (A)  Detective Department - (Optional 3)
- (B)  **Military Department - (Alternative 1)**
- (C)  Finance Department - (Alternative 2)
- (D)  Social Work Department - (Optional 4)

**Question No.35**

1.00

Bookmark 

Which institution is known as 'Mecca of Indian Games'?

- (A)  High Altitude Training Center, Chilaru - (Alternative 2)
- (B)  **Netaji Subhash National Institute of Sports, Patiala - (Alternative 4)**
- (C)  Indian Olympic Association - (Alternative 1)
- (D)  Laxmibai National College of Physical Education, Thiruvananthapuram - (Alternative 3)

**Question No.36**

1.00

**Bookmark** 

The word 'bulk line' is related to which game?

- (A)  Chess - (Alternative 4)
- (B)  Diving - (Alternative 2)
- (C)  **Kabaddi - (Alternative 1)**
- (D)  Car Racing - (Alternative 3)

**Question No.37**

1.00

**Bookmark** 

"HVJ Gas Pipeline" passes through which of the following states?

- (A)  Maharashtra - (Alternative 2)
- (B)  Odisha - (Alternative 4)
- (C)  **Madhya Pradesh - (Alternative 3)**
- (D)  Chhattisgarh - (Alternative 1)

**Question No.38**

1.00

**Bookmark** 

When was "Male basketball" first included in the Olympics?

- (A)  1972 - (Alternative 2)
- (B)  1992 - (Alternative 4)
- (C)  1984 - (Alternative 3)
- (D)  **1936 - (Alternative 1)**

**Question No.39**

1.00

**Bookmark** 

Which year did the Sepoy Rebellion?

- (A)  1757 - (Alternative 4)
- (B)  1859 - (Alternative 2)
- (C)  **1857 - (Optional 1)**
- (D)  1858 - (Alternative 3)

**Question No.40**

1.00

**Bookmark** 

What amendment act was made by decreasing the age of franchise from 21 years to 18 years?

- (A)  69th Constitution Amendment - (Alternative 1)
- (B)  89th Constitutional Amendment - (Alternative 4)
- (C)  72st Constitution Amendment - (Alternative 3)
- (D)  **61st Constitutional Amendment - (Alternative 2)**

**Question No.41**

1.00

**Bookmark** 

Under which article, the minorities have the right to open educational institutions and to handle their administration?

- (A)  Article 26 - (Alternative 2)
- (B)  Article 25 - (Optional 3)
- (C)  **Article 30 - (Optional 4)**
- (D)  Article 29 - (Optional 1)

**Question No.42**

1.00

Bookmark 

The official housing price index (HPI) of India is determined by whom?

- (A)  LIC Housing Finance Ltd - (Alternative 2)
- (B)  **National Housing Bank - (Alternative 3)**
- (C)  Reserve Bank of India - (Alternative 1)
- (D)  Labor Bureau - (Alternative 4)

**Question No.43**

1.00

Bookmark 

With whose help Chandragupta Maurya succeeded in defeating Nand?

- (A)  Stepping - (Optional 2)
- (B)  Panini - (Alternative 1)
- (C)  Bindusara - (Alternative 3)
- (D)  **Chanakya - (Alternative 4)**

**Question no.44**

1.00

Bookmark 

Which diode is widely used in the form of a stabilizer?

- (A)  Light Driver Diode - (Alternative 3)
- (B)  Tunnel diode - (Alternative 2)
- (C)  Solar Diode - (Alternative 4)
- (D)  **Zener diode - (Alternative 1)**

**Question No.45**

1.00

Bookmark 

What else is known as the grasslands of Venezuela?

- (A)  **Loans - (Alternative 2)**
- (B)  Sahara - (Alternative 4)
- (C)  Sahel - (Alternative 3)
- (D)  Compass - (Optional 1)

**Question No.46**

1.00

Bookmark 

Neelambar teak was recently given geographical observation (GI), which tree is found in the following states?

- (A)  **Kerala - (Alternative 2)**
- (B)  Andhra Pradesh - (Alternative 4)
- (C)  Telangana - (Alternative 3)
- (D)  Tamil Nadu - (Alternative 1)

**Question no.47**

1.00

Bookmark 

Which of these is a new feature of Indian Constitution?

- (A)  Original Rights - (Alternative 1)
- (B)  **State Policy Director's Principle - (Optional 3)**
- (C)  Emergency Provisioning - (Alternative 4)
- (D)

(D) Original Duty - (Alternative 2)

**Question no.48**

1.00

Bookmark

Which of the following circuit is used for measuring irregular resistance?

- (A)  Bridge Rectifier - (Alternative 2)
- (B)  Zener diode - (Alternative 3)
- (C)  **Wheatstone Bridge - (Alternative 1)**
- (D)  Transistor - (Alternative 4)

**Question No.49**

1.00

Bookmark

Which of the following limbs protects the blood plasma from excessive acid or alkaline by controlling ions?

- (A)  Abdomen - (Alternative 1)
- (B)  **Renal (Kidney) - (Alternative 4)**
- (C)  Gall bladder - (Alternative 3)
- (D)  Intestines - (Alternative 2)

**Question No.50**

1.00

Bookmark

Which of the following elements contains both metallic and non-metaphorical properties?

- (A)  Colloid - (Alternative 1)
- (B)  **Metalloid - (Alternative 2)**
- (C)  Glaucon - (Alternative 3)
- (D)  Xion - (Optional 4)

**Question No.51**

1.00

Bookmark

In this question, three statements and related three conclusions have been given. You should consider the things given in the statements as true and to decide which conclusions regarding logic that logically comply beyond a reasonable doubt?

Statement: All chairs are bunk, some are bunks of cotton, all are cotton lights.

Conclusion:

- i. Some bunk lights are light.
- ii. Some sockets are cotton.
- iii. Some chairs are light.

- (A)  Only i and ii are rational - (alternative 2)
- (B)  All are rational - (Alternative 1)
- (C)  Only ii and iii are logical - (optional 3)
- (D)  **Only i is rational - (Alternative 4)**

**Question No.52**

1.00

Bookmark

If the mirror is placed on the shaded line then the correct mirror image of the given picture will be-



(A)

KENNEL - (Optional 1)

(B)

KENNEL - (Optional 2)

(C)

KENNEL - (Optional 3)

(D)

KENNEL - (Optional 4)

**Question No.53**

1.00

Bookmark

In a fixed code language, GENIUS is coded as TVMRFH. How will SMART be coded in that same language?

- (A)  RNBSV - (Alternative 2)  
(B)  RNBSU - (Optional 4)  
(C)  HNIZG - (Optional 1)  
(D)  **HNZIG - (Optional 3)**

**Question No.54**

1.00

Bookmark

In this question the relation between the different characters has been given in the statement. Two conclusions related to the statement have been given.

Statement:  $B \geq L = K < T = J$

Conclusion:

- i)  $B > T$   
ii)  $L = J$

Select the appropriate from the following options.

- A. The only conclusion i is logical  
B. only the conclusions ii is logical  
C. Either the conclusions i or ii is rational  
D. Neither conclusion ii nor rational is  
E. i and ii both conclusions are rational.  
(A)  B - (Alternative 2)  
(B)  **D - (Alternative 4)**  
(C)  A - (Alternative 1)  
(D)  C - (Alternative 3)

**Question no.55**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.



Z: P :: M: ??

- (A)  A - (Alternative 1)
- (B)  B - (Alternative 2)
- (C)  D - (Alternative 4)
- (D)  C - (Alternative 3)

**Question no.56**

1.00

Bookmark

Find the next number in the following series:

12, 17, 34, 39, 78,?

- (A)  86 - (Alternative 4)
- (B)  83 - (Optional 1)
- (C)  85 - (Optional 3)
- (D)  84 - (Alternative 2)

**Question no.57**

1.00

Bookmark

In a fixed code language VIVID is coded as KXUFK. How would GLOOM be coded in that same language?

- (A)  NJOOK - (Optional 1)
- (B)  NIOOQ - (Alternative 3)
- (C)  NINOQ - (Alternative 4)
- (D)  NIPPQ - (Alternative 2)



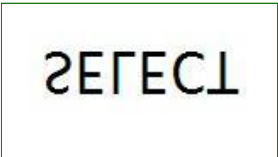

**Question no.58**

1.00

Bookmark

Select the water image of the given shape from the options.

**SELECT**

- (A)   - (Optional 1)
- (B)   - (Optional 3)
- (C)   - (Optional 4)
- (D)   - (Optional 2)

**Question No.59**

1.00

Bookmark

Four of the following given below are similar in some way and hence they form a group among themselves. Which of these is not related to this group?

F, I, B, H, D

- (A)  D - (Alternative 3)
- (B)  H - (Alternative 1)
- (C)  B - (Alternative 4)
- (D)  I - (Optional 2)

**Question No.60**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves.

Which of these is not related to this group?

PNL, LJH, QOM, YVS, ZXV

- (A)  PNL - (Alternative 2)
- (B)  YVS - (Alternative 3)
- (C)  ZXV - (Optional 1)
- (D)  LJH - (Alternative 4)

**Question No.61**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

7 boxes are kept on a table. Each box has different fruits. Fruit names are apples, oranges, tomatoes, cherries, bananas, guava, and mangoes. The boxes have been placed in the order of 1, 2, 3 ... respectively from below.

- i) Apples are in the same number of boxes.
- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.

What is odd as per the above sequence?

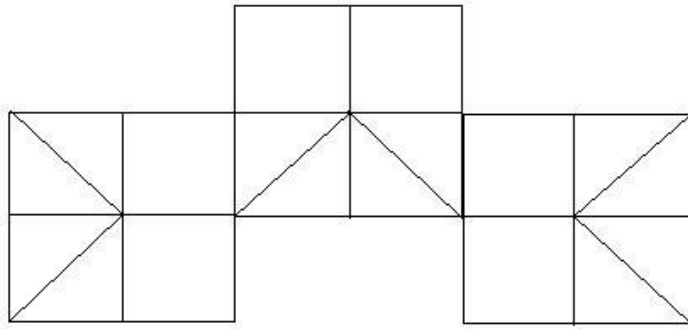
- (A)  Apple - (Alternative 2)
- (B)  Orange - (Alternative 1)
- (C)  Common - (Optional 4)
- (D)  Cherry - (Alternative 3)

**Question No.62**

1.00

Bookmark

How many classes are there in the given picture?



- (A)  16 - (Optional 4)  
 (B)  12 - (Optional 3)  
 (C)  15 - (Optional 1)  
 (D)  13 - (Optional 2)

**Question No.63**

1.00

Bookmark

In this question, there are three statements showing the relationship between the letters. Three findings related to them are given i, ii, and iii. Assuming the statements as truth, decide which conclusions are completely true in relation to the statements.

Statement:  $B = S \geq T < H = A$ ;  $C > Q = U < T < D$ ;  $F > E > D = K$

Conclusion:

i)  $C > D$

ii)  $T < F$

iii)  $B = A$

- (A)  Only iii - (Alternative 4)  
 (B)  ii only - (Alternative 2)  
 (C)  All - (Optional 1)  
 (D)  Only ii and iii - (optional 3)

**Question No.64**

1.00

Bookmark

Read the following statements and answer the question on their basis.

$A + B$  means A is the husband of A,

$AB$  is the wife of A, B is

$A * B$ , meaning A is the mother of

B,  $A / B$  means that A is the father of B

based on the above information According to the equation  $W + X * Y / Z$ , what is the relation of Z to Z's mother?

- (A)  Father in law - (Alternative 4)  
 (B)  Father - (Optional 1)  
 (C)  SaaS - (Alternative 2)  
 (D)  Uncle - (Alternative 3)

**Question No.65**

1.00

Bookmark

A boy pointing to a man said, "He is the father of my father's father's son's wife." How is that person related to the boy's father?

- (A)  Uncle - (Alternative 1)

- (B)  Nephew - (Alternative 3)
- (C)  Sonnet - (Alternative 4)
- (D)  Son - (Alternative 2)

**Question No.66**

1.00

Bookmark

Find the next number in the following series:

40, 42, 45, 50, 57, ?

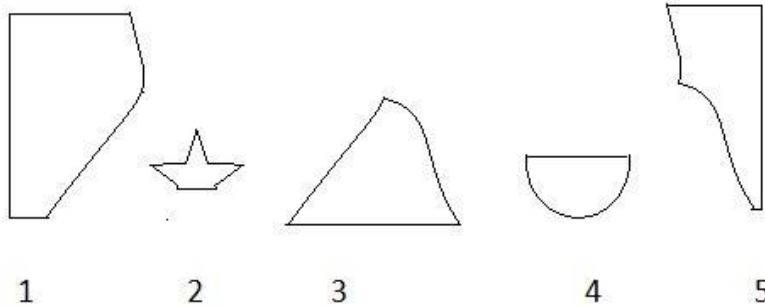
- (A)  48 - (Optional 1)
- (B)  58 - (Alternative 2)
- (C)  70 - (Alternative 4)
- (D)  **68 - (Optional 3)**

**Question No.67**

1.00

Bookmark

From the following options, select the correct option that creates a perfect square (three of the five images below).



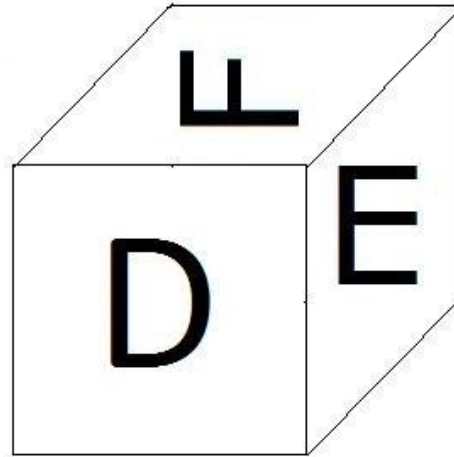
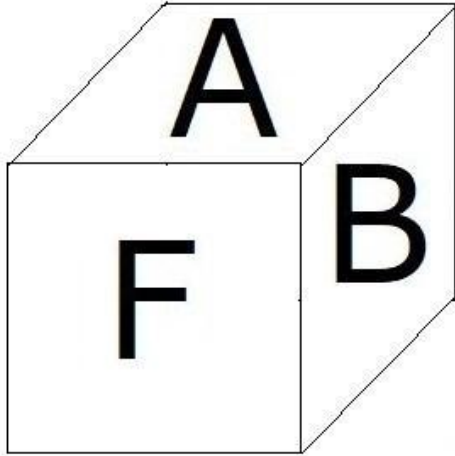
- (A)  2,3,4 - (Optional 1)
- (B)  **1,3,5 - (Optional 4)**
- (C)  1,4,5 - (Alternative 2)
- (D)  1,3,4 - (Optional 3)

**Question No.68**

1.00

Bookmark

According to the diagram, there are six letters A, B, C, D, E, and F on the surfaces of one dice shown. Which letter is marked on the surface opposite the D surface?



- (A)  A - (Alternative 3)  
(B)  B - (Alternative 1)  
(C)  C - (Alternative 2)  
(D)  E - (Alternative 4)

**Question No.69**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

7 boxes are kept on a table. Each box has different fruits. Fruit names are apples, oranges, tomatoes, cherries, bananas, guava, and mangoes. The boxes have been placed in the order of 1, 2, 3 ... respectively from below.

- i) Apples are in the same number of boxes.
- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.

What are the fruits in box 5 numbers?

- (A)  Tomato - (Alternative 4)  
(B)  Oranges - (optional 3)  
(C)  Cherry - (Alternative 1)  
(D)  Banana - (Alternative 2)

**Question No.70**

1.00

Bookmark

Select the appropriate picture to come forth from the given series with the options?

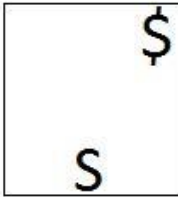
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\$		\$		\$S		S

(A)



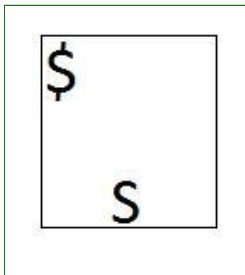
- (Optional 3)

(B)



- (Optional 4)

(C)



- (Optional 2)

(D)



- (Optional 1)

**Question No.71**

1.00

**Bookmark**

Read the given information carefully and answer the questions related to it.

7 boxes are kept on a table. Each box has different fruits. Fruit names are apples, oranges, tomatoes, cherries, bananas, guava, and mangoes. The boxes have been placed in the order of 1, 2, 3 ... respectively from below.

- i) Apples are in the same number of boxes.
- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.

Which of the following statements is incorrect on the basis of the above order?

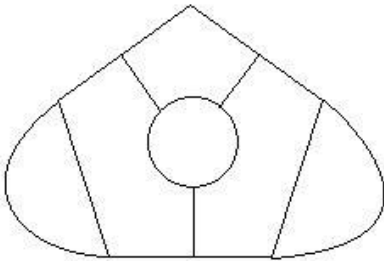
- (A)  Cherries are in the same number of boxes - (Optional 3)
- (B)  There are only two boxes below the common ones box - (Optional 4)
- (C)  Are not in common top boxes - (Alternative 2)
- (D)  Boxes between tomatoes, oranges and mangoes - (Alternative 1)

**Question No.72**

1.00

Bookmark

What is the number of straight lines in the given picture?



- (A)  8 - (Optional 3)
- (B)  14 - (Optional 4)
- (C)  9 - (Optional 2)
- (D)  12 - (Optional 1)

**Question No.73**

1.00

Bookmark

Two statements in this question and two related findings have been given in the form of i and ii. You should consider the things given in the statements as true and to determine which conclusions regarding the statements are logical compliance beyond a reasonable doubt Does it?

Statement: All Can Sticks. All the sticks are blue.

Conclusion:

- i). Some rods are cans.
- ii). There are all blue sticks.

Select the one most suitable in the following options:

- A. The only conclusion i is logical is
- B. The only conclusion ii is logical is
- C. either the conclusions i or ii is rational
- D. Neither conclusion ii nor rational is
- E. i and ii both conclusions are rational.

- (A)  C - (Alternative 3)
- (B)  D - (Alternative 4)
- (C)  B - (Alternative 2)
- (D)  A - (Alternative 1)

**Question No.74**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

2403: 18 :: 2510: ??

- (A)  12 - (Optional 1)
- (B)  16 - (Optional 2)
- (C)  20 - (Optional 3)
- (D)  24 - (Optional 4)

**Question No.75**

1.00

Bookmark

Find the next number in the following series:

31, 32, 36, 45, 61, ?

- (A)  85 - (Optional 3)
- (B)  87 - (Alternative 2)
- (C)  90 - (Optional 1)
- (D)  86 - (Alternative 4)

**Question No.76**

1.00

Bookmark

In this question, a statement and related two conclusions have been given in the form of i and ii. Assuming the statements given in the statements as true, it is to determine which conclusions are relevant in relation to the statements?

Statement: Every Friday has rainfall, it is Friday.

Conclusion:

- i). It will be rain today.
- ii). Tomorrow will stop the rain.

Select the one most appropriate in the following options:

- A. The only conclusion i is rational is
- B. The only conclusion ii is logical
- C. The conclusions i or ii is logical
- D. Neither the conclusion ii nor the rational is
- E. i and ii both conclusions are rational.

- (A)  E - (Alternative 4)
- (B)  C - (Alternative 3)
- (C)  A - (Alternative 1)
- (D)  B - (Alternative 2)

**Question No.77**

1.00

Bookmark

Find the next number in the following series:

13, 27, 56, 115, 234, ?

- (A)  476 - (Optional 3)
- (B)  479 - (Optional 4)
- (C)  470 - (Optional 1)
- (D)  473 - (Alternative 2)

**Question No.78**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Type: Keyboard :: Call: ??

- (A)  Guitar - (Alternative 3)
- (B)  Flute - (Alternative 2)
- (C)  Piano - (Alternative 1)



(D)  Telephone - (Alternative 4)

**Question No.79**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Contract: Agreement :: Oath: ??

- (A)  Study - (Alternative 3)  
(B)  Promise - (Alternative 1)  
(C)  Speech - (Alternative 2)  
(D)  Write - (Optional 4)

**Question No. 80**

1.00

Bookmark

If A is the cousin of B, whose father is A's mother's brother. What is the relation between father of A to father of A?

- (A)  Father - (Optional 2)  
(B)  Uncle - (Alternative 3)  
(C)  Brother in Law - (Alternative 1)  
(D)  Brother - (Alternative 4)

**Question No.81**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves.

Which of these is not related to this group?

Expert, Genius, Brainy, Skilful, Insane

- (A)  Skilful - (Optional 2)  
(B)  Genius - (Alternative 1)  
(C)  Brainy - (Optional 3)  
(D)  Insane - (Alternative 4)

**Question No.82**

1.00

Bookmark

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Knowing this, you might want to visit Luxembourg on your next family holiday: European Union to reduce the traffic congestion and pollution in your country, to free the fares in trains, trams and buses in the small countries of the European Union. Is constantly demanding. The newly elected liberal Prime Minister of the Coalition Government Xavier Batel said "Traveling in public vehicles will be free from the start of 2020 in the Dutch Grandmother of Luxembourg."

In this connection, Luxembourg's main transport union, F. N.C.T.F.E.L. While expressing their concern, the head of the Band-Sever Band, Georges Merange said that if no one is required to sell tickets, this government's plan will increase unemployment. "Unless it is approved, we can not accept it." However, he also said that he is also worried that this will not benefit people in rural areas free of travel.

Statement: Luxembourg Transport Union is happy with the decisions taken by the Union Government.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.  
D-statement is completely false.

- (A)  A - (Alternative 1)
- (B)  B - (Alternative 2)
- (C)  C - (Alternative 3)
- (D)  **D - (Alternative 4)**

**Question no.83**

1.00

**Bookmark**

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Knowing this, you might want to visit Luxembourg on your next family holiday: European Union to reduce the traffic congestion and pollution in your country, to free the fares in trains, trams and buses in the small countries of the European Union. Is constantly demanding. The newly elected liberal Prime Minister of the Coalition Government Xavier Batel said "Traveling in public vehicles will be free from the start of 2020 in the Dutch Grandmother of Luxembourg."

In this connection, Luxembourg's main transport union, F. N.C.T.F.E.L. While expressing their concern, the head of the Band-Sever Band, Georges Merange said that if no one is required to sell tickets, this government's plan will increase unemployment. "Unless it is approved, we can not accept it." However, he also said that he is also worried that this will not benefit people in rural areas free of travel.

Statement: The European Union wants to free travel in trains to promote public vehicles among its people.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.

D-statement is completely false.

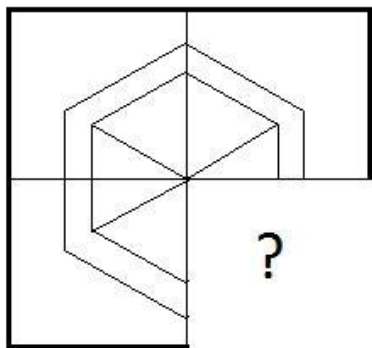
- (A)  C - (Alternative 3)
- (B)  **A - (Alternative 1)**
- (C)  D - (Alternative 4)
- (D)  B - (Alternative 2)

**Question no.84**

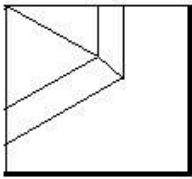
1.00

**Bookmark**

Select from the selection of the correct shape, which is given the following picture:

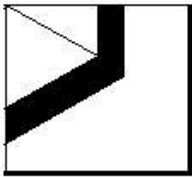


- (A)



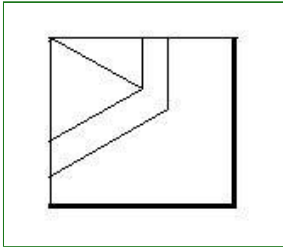
- (Optional 4)

(B)



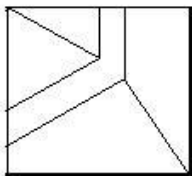
- (Optional 1)

(C)



- (Optional 3)

(D)



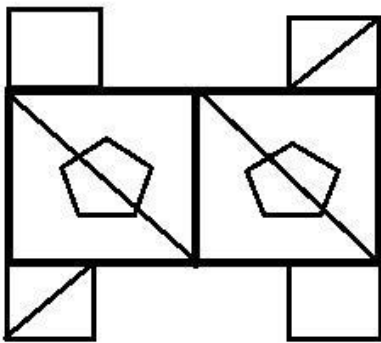
- (Optional 2)

**Question no.85**

1.00

**Bookmark**

How many right angled triangles can be made from the given picture?



(A)  6 - (Optional 2)

(B)  5 - (Optional 3)

(C)  8 - (Optional 1)

(D)  4 - (Optional 4)

**Question no.86**

1.00

**Bookmark**

If the radius of the circle 16 times, how much of its circumference will be increased by the perimeter of

the circle of the previous?

- (A)  18 - (Optional 4)
- (B)  16 - (Optional 2)
- (C)  17 - (Optional 3)
- (D)  15 - (Optional 1)

**Question No.87**

1.00

Bookmark

On a compound interest, a sum is tripled to the original amount in 4 years. In how many years it will be 81 times its original amount?

- (A)  16 - (Optional 2)
- (B)  14 - (Optional 1)
- (C)  18 - (Optional 3)
- (D)  20 - (Optional 4)

**Question no.88**

1.00

Bookmark

The ratio of salaries to Hamid, Clement and Ganesh is 3: 5: 7. If Ganesh gets Rs 868 from Hamid, then how much is Clement's salary (in Rs.)?

- (A)  1,085 - (Optional 4)
- (B)  1,083 - (Optional 1)
- (C)  1,086 - (Optional 3)
- (D)  1,084 - (Alternative 2)

**Question No.89**

1.00

Bookmark

Simplify:

$$225^2 \times 60 \div 15^5 \times 1021 = ?$$

- (A)  4054 - (Optional 3)
- (B)  4064 - (Optional 1)
- (C)  4084 - (Optional 4)
- (D)  4074 - (Alternative 2)

**Question No.90**

1.00

Bookmark

There are 623 men and 623 female workers in English company based on a subsidiary project. The average productivity of all employees is 72 calls / day. If a male worker receives 72 calls / day, how much will the number of calls received by women employees per day?

- (A)  71 - (Optional 1)
- (B)  72 - (Alternative 2)
- (C)  73 - (Optional 3)
- (D)  74 - (Optional 4)

**Question No.91**

1.00

Bookmark 

A bulb maker company found that 13% of its total product was poor. If the number of correct products is 4698, then find the number of bad products?

- (A)  702 - (Optional 3)  
(B)  703 - (Alternative 4)  
(C)  700 - (Optional 1)  
(D)  701 - (Optional 2)

**Question No.92**

1.00

Bookmark 

If you sell any item for 423 rupees, you get 60% loss on the same profit after selling the same item for Rs. 743. Find the purchase price of that item? (In Rs.)

- (A)  523 - (Optional 3)  
(B)  533 - (Alternative 2)  
(C)  513 - (Alternative 4)  
(D)  543 - (Optional 1)

**Question No.93**

1.00

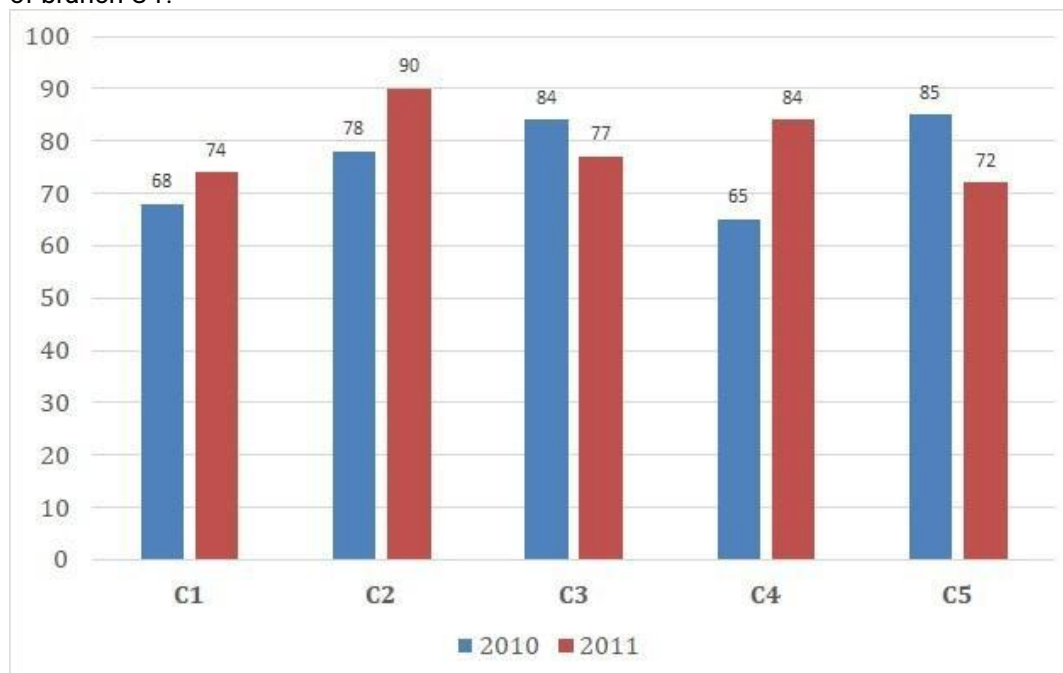
Bookmark 

Instructions:

Study the graphs the following times and answer the question based on it?

Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).

Find out the ratio of the total sales made in both years of branch C2 and the total sales in the two years of branch C4?



- (A)  168: 149 - (Optional 4)  
(B)  168: 143 - (Optional 2)  
(C)  166: 141 - (Optional 1)  
(D)  166: 145 - (Optional 3)

**Question No.94**

1.00

Bookmark

A person travels at the speed of 12 kmph, 14 kmph and 6 kmph on the surface of an equatorial triangular plane. Find his average speed? (in kmph)

- (A)  9.33 - (Optional 2)
- (B)  8.33 - (Optional 1)
- (C)  7.33 - (Optional 3)
- (D)  6.33 - (Optional 4)

**Question No.95**

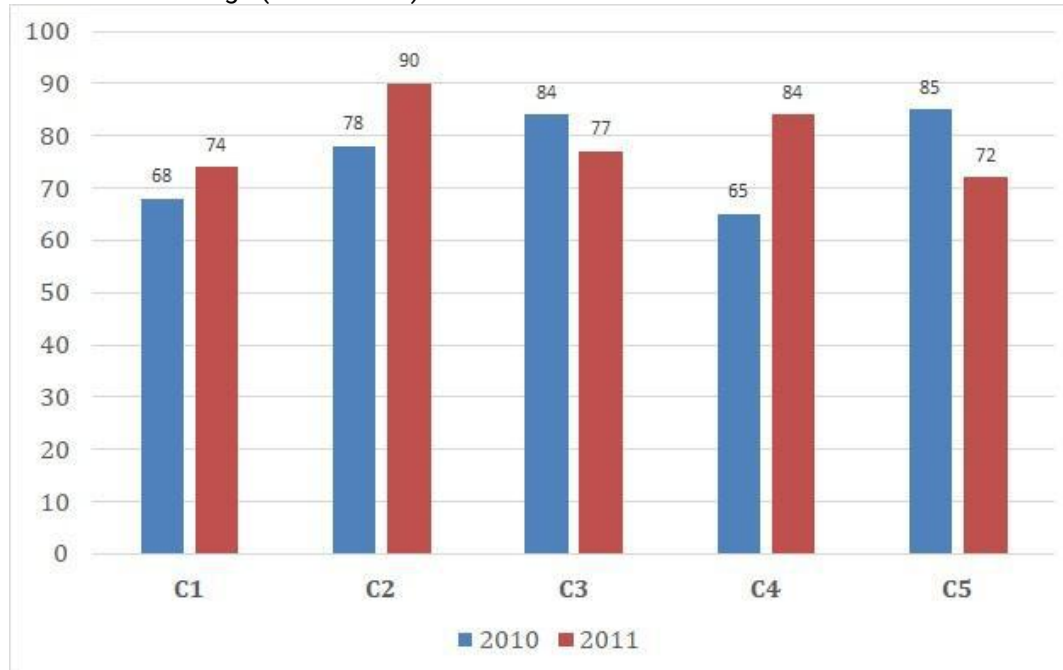
1.00

Bookmark

Instructions:

Study the graphs the following times and answer the question based on it? Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).

Find out the average (in thousand) of sales of all branches in 2010?



- (A)  78 - (Optional 3)
- (B)  76 - (Alternative 2)
- (C)  80 - (Alternative 4)
- (D)  74 - (Optional 1)

**Question No.96**

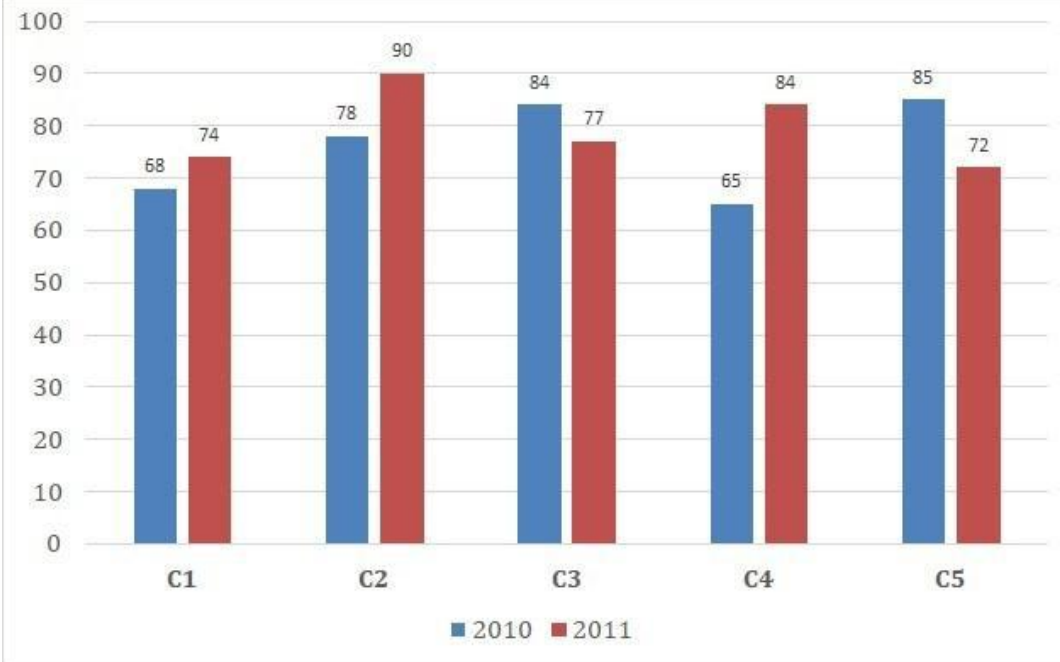
1.00

Bookmark

Instructions:

Study the graphs the following times and answer the question based on it? Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).

Find out the total sales (in thousand) of the company's branches C1, C3 and C5 in both years?



- (A)  462 - (Alternative 4)  
(B)  460 - (Alternative 3)  
(C)  458 - (Optional 2)  
(D)  456 - (Optional 1)

Question No.97

1.00

Bookmark

Sheila walks at the speed of her usual speed ( $\frac{17}{18}$ ) and determines a certain distance of 5 minutes more than the time it takes in normal speed. Calculate the normal time she takes in determining the fixed distance. (in a minute)

- (A)  83 - (Optional 3)  
(B)  82 - (Alternative 4)  
(C)  85 - (Alternative 2)  
(D)  84 - (Alternative 1)

Question No.98

1.00

Bookmark

A train takes 53 seconds to cross 238 m long bridge. If the same train takes 19 seconds to cross a sign board, then know the length of the train? (in m)

- (A)  123 - (Alternative 2)  
(B)  113 - (Optional 1)  
(C)  133 - (Optional 3)  
(D)  143 - (Alternative 4)

Question No.99

1.00

Bookmark

At the same amount, the difference between compound interest and ordinary interest amount received in two years at the interest rate is 64 rupees. If the interest rate is 4% annual, then calculate the amount invested (in Rs.)

- (A)  44,000 - (Optional 3)  
(B)  46,000 - (Optional 4)  
(C)  42,000 - (Optional 2)

(D)  40,000 - (Optional 1)

**Question No.100**

1.00

Bookmark

The average load of 65 notebooks kept in a box is 6.5 kg. If there is 1 notebook in the box and its average load is 6.6 kg, then should you know the weight of the new notebook? (in kg)

- (A)  13.2 - (Optional 2)  
(B)  13.1 - (Optional 1)  
(C)  13.3 - (Optional 3)  
(D)  13.4 - (Optional 4)

**Question No.101**

1.00

Bookmark

Vimal receives 42 points out of 80 in French, 88 in 100 in English, 40 in 70 in Spanish, and 40 in 50 in Zeppanya. Find the total percentage of the marks obtained by him? (%In)

- (A)  80 - (Alternative 4)  
(B)  50 - (Optional 1)  
(C)  60 - (Optional 2)  
(D)  70 - (Alternative 3)

**Question No.102**

1.00

Bookmark

Find the product of those numbers, which is the smallest endowment (LC) 8881 and the maximum consonant (ms) 1?

- (A)  7771 - (Optional 3)  
(B)  8881 - (Optional 1)  
(C)  9991 - (Alternative 2)  
(D)  6661 - (Alternative 4)

**Question No.103**

1.00

Bookmark

972 How can the mobile number of students of any class be divided equally?

- (A)  22 - (Optional 4)  
(B)  18 - (Optional 2)  
(C)  16 - (Optional 1)  
(D)  20 - (Optional 3)

**Question No.104**

1.00

Bookmark

The area of a square piece of glass  $L225 \text{ Cm}^2$ , which is placed on top of a table | The width between the glass pieces and one side of the table is 9 cm. Find the length of the table? (in cm)

- (A)  51 - (Optional 1)  
(B)  52 - (Alternative 2)  
(C)  50 - (Optional 4)  
(D)  53 - (Optional 3)

**Question No.105**

1.00

Bookmark



A shopkeeper has 43% discount on the purchase price of an item after hauling it up to 43%. So, let's know the total percentage gain or loss you get?

- (A)  16.67% Loss - (Optional 1)
- (B)  **18.49% Loss - (Optional 4)**
- (C)  18.49% profit - (Optional 3)
- (D)  16.67% profit - (Optional 2)

**Question No.106**

1.00

**Bookmark**

A shopkeeper sells a product for Rs 2,673 and earns 12.5% profit on it. How much will the half of the purchase price of that item be equal to? (In rupees)

- (A)  1,177 - (Alternative 2)
- (B)  **1,188 - (Optional 3)**
- (C)  1,166 - (Optional 1)
- (D)  1,199 - (Optional 4)

**Question No.107**

1.00

**Bookmark**

7,000, 8% of the annual interest rate has been invested. If after 5 years, that amount is withdrawn and half the amount is invested in the stock market, then what will be the remaining amount (in Rs.)?

- (A)  **4,900 - (Optional 4)**
- (B)  4,700 - (Optional 2)
- (C)  4,600 - (Optional 1)
- (D)  4,800 - (Alternative 3)

**Question No.108**

1.00

**Bookmark**

Martin donates 13% of his salary to an institution of blind, 12% of orphans, and 14% of the body of the organism, and gives 16% of his salary as help in setting up a medical camp. Remaining Rs 41,400 He deposits in the bank for the monthly expense. How much does he donate to the orphanage institution?

- (A)  **Rs 11040 - (Optional 1)**
- (B)  Rs 13040 - (Optional 3)
- (C)  Rs 12040 - (Optional 2)
- (D)  Rs 14040 - (Optional 4)

**Question No.109**

1.00

**Bookmark**

The milk and water ratio in the 63 liters mixture is 3: 4. If this ratio is changed to 3: 5, then know the amount of excess water mixed in the mixture. (In liters)

- (A)  **9 - (Optional 1)**
- (B)  7 - (Optional 3)
- (C)  6 - (Optional 4)
- (D)  8 - (Optional 2)

**Question no.110**

1.00

**Bookmark**

Find the value of x:

$$\frac{2}{5}(x) + \frac{3}{10}(x) - \frac{3}{5}(x) = 479$$

- (A)  4890 - (Optional 3)  
 (B)  5190 - (Alternative 4)  
 (C)  4790 - (Alternative 2)  
 (D)  4690 - (Optional 1)

**Question No.111**

1.00

**Bookmark**

There are different types of old coins in the ratio of 3: 5: 7 in a box, whose values are Rs 1, Rs 5 and Rs 10 respectively. If the total value of coins is Rs 392, then Rs 10 What is the total number of coins of value?

- (A)  26 - (Optional 3)  
 (B)  25 - (Optional 1)  
 (C)  27 - (Optional 4)  
 (D)  28 - (Alternative 2)

**Question no.112**

1.00

**Bookmark**

The person reaches a 3-minute delay from the hostel by cycling at a speed of 15 kmph. If he used to ride a bike at a speed of 20 kmph then it would reach 3 minutes early. Find the distance between the hostel and the college? (in km)

- (A)  6 - (Optional 4)  
 (B)  4 - (Optional 2)  
 (C)  3 - (Optional 1)  
 (D)  5 - (Optional 3)

**Question No.113**

1.00

**Bookmark**

23√3 cm If the cube with a diagonal is melted by making a cuboid, then its height will be, if the length of the cuboid is equal to the arm of the cube and the width of the cuboid is 11.5 cm. (from cm)

- (A)  44 - (Optional 3)  
 (B)  43 - (Optional 4)  
 (C)  46 - (Optional 1)  
 (D)  45 - (Alternative 2)

**Question No.114**

1.00

**Bookmark**

Divide a number by 119, 13 remains the remainder. By dividing the same number by 17, how much will the remainder get?

- (A)  11 - (Optional 2)  
 (B)  12 - (Optional 3)  
 (C)  10 - (Optional 1)

(D) **13 - (Optional 4)**

**Question No.115**

1.00

**Bookmark**

There are 10 bangles in a gift box. The average weight of the first 4 is 51 grams and the average weight of the remaining 6 bangles is 52 grams. Find the total average weight of all bangles (in grams)?

- (A)  51.2 - (Optional 1)  
(B)  51.4 - (Optional 2)  
(C)  **51.6 - (Optional 3)**  
(D)  51.8 - (Optional 4)

**Question no.116**

1.00

**Bookmark**

Simplify:

$$13.57 + 12.35 + 13.67 - 24.68 = 3 \times ?$$

- (A)  **4.97 - (Optional 3)**  
(B)  3.97 - (Optional 1)  
(C)  6.97 - (Optional 4)  
(D)  5.97 - (Optional 2)

**Question No.117**

1.00

**Bookmark**

The Station Master decided to increase the length of a rectangular digital board by 7% and reduce the width by 3%. Find the total change in the area of the board?

- (A)  5.67% increase - (Optional 4)  
(B)  **3.79% increase - (Optional 2)**  
(C)  5.67% reduction - (Optional 3)  
(D)  3.79% reduction - (Optional 1)

**Question no.118**

1.00

**Bookmark**

Amir shares 800 gifts in 4 children. First gift of the child came in the part of the child, twice the gift which came in the other child's part, three times the gift of the third child, and four times the gift which came in the fourth child, all are equal. How many gifts are available to both the first and the second?

- (A)  476 - (Alternative 2)  
(B)  676 - (Optional 3)  
(C)  876 - (Optional 1)  
(D)  **576 - (Optional 4)**

**Question No.119**

1.00

**Bookmark**

324! Find the number of trailing zeros in?

- (A)  76 - (Alternative 2)

- (B)  78 - (Optional 3)
- (C)  74 - (Optional 1)
- (D)  80 - (Alternative 4)

Question No.120

1.00

Bookmark

Find the value of x:

$$\sqrt{225} \div 15 + \sqrt{256} = 1 \times x$$

- (A)  18 - (Optional 2)
- (B)  19 - (Optional 3)
- (C)  17 - (Optional 1)
- (D)  21 - (Optional 4)