Roll No: **C / SC /**
Registration No:
Name:
Date: **03-Feb-2019**
Examination: **Online Examination - Constable**

## Section 1 - Online Examination

**Question No.1** 1.00

**Bookmark** ☐

Which of the following tiger is located in the protected place at Sabarimala?

(A) ○ Parambikulam - (Alternative 4)
(B) ○ Unlimited - (Alternative 1)
(C) ○ Mudumalai - (Alternative 3)
(D) ○ **Periyar - (Alternative 2)**

**Question No.2** 1.00

**Bookmark** ☐

What is the externally applied force for the operation of the liver?

(A) ○ Force - (Optional 1)
(B) ○ Speed - (Optional 3)
(C) ○ **Effort - (Optional 2)**
(D) ○ Weight - (Alternative 4)

**Question No.3** 1.00

**Bookmark** ☐

During whose tenure was the Factory Act 1881 passed?

(A) ○ Dufferin - (Alternative 3)
(B) ○ **Ripon - (Alternative 1)**
(C) ○ Mayo - (Alternative 4)
(D) ○ Litton - (Alternative 2)

**Question No.4** 1.00

**Bookmark** ☐

When was the Sports Authority of India (SAI) established?

(A) ○ 1986 - (Alternative 3)
(B) ○ 2000 - (Alternative 4)
(C) ○ 1996 - (Optional 1)
(D) ○ **1984 - (Alternative 2)**

**Question No.5** 1.00

**Bookmark** ☐

Masai castes are from which of the following countries?

(A) ○ Saudi Arabia - (Alternative 1)
(B) ○ Peru - (Alternative 4)
(C) ○ Mexico - (Alternative 3)
(D) ○ **Kenya - (Alternative 2)**

**Question No.6**

1.00

**Bookmark** ☐

Who was known as "Liberator of Indian Press"?

(A) ○ Lord Ripon - (Alternative 2)
(B) ○ Lord Litton - (Alternative 1)
(C) ○ **Charles Metcalfe - (Alternative 4)**
(D) ○ Charles Wood - (Alternative 3)

**Question No.7**

1.00

**Bookmark** ☐

Where is Rourkela Steel Plant located?

(A) ○ Maharashtra - (Alternative 3)
(B) ○ Jharkhand - (Alternative 4)
(C) ○ **Odisha - (Alternative 1)**
(D) ○ Andhra Pradesh - (Alternative 2)

**Question No.8**

1.00

**Bookmark** ☐

The word "service" is related to which of the following games?

(A) ○ Cricket - (Alternative 3)
(B) ○ Kabaddi - (Alternative 1)
(C) ○ Boxing - (Alternative 4)
(D) ○ **Volleyball - (Alternative 2)**

**Question No.9**

1.00

**Bookmark** ☐

Himalaya Frontal Fault separates Shivalik from ________

(A) ○ Small Himalaya - (Alternative 3)
(B) ○ Central Himalayas - (Alternative 2)
(C) ○ The Great Himalayas - (Alternative 1)
(D) ○ **Great Plains of India - (Alternative 4)**

**Question No.10**

1.00

**Bookmark** ☐

What is the unit of solid angle?

(A) ○ Angle - (Alternative 3)
(B) ○ Degree - (Optional 4)
(C) ○ **Stereadian - (Alternative 2)**
(D) ○ Andean - (Alternative 1)

**Question No.11**

1.00

**Bookmark** ☐

Who has published and published "A Bunch of Old letters" (A Bunch of Old Letters)?

(A) ○ Jaiprakash Narayan - (Alternative 4)
(B) ○ Mahatma Gandhi - (Alternative 1)
○

(C) Annie Besant - (Alternative 2)
(D) ○ **Jawaharlal Nehru - (Alternative 3)**

**Question No.12** 1.00

**Bookmark** ☐

World Happiness Report (2018) Which of the following countries is ranked first in 2018?
(A) ○ **Finland - (Alternative 2)**
(B) ○ Norway - (Alternative 1)
(C) ○ Denmark - (Alternative 3)
(D) ○ Iceland - (Alternative 4)

**Question No.13** 1.00

**Bookmark** ☐

What is called airees?
(A) ○ **Aromatic Hydrocarbons - (Alternative 1)**
(B) ○ Alkynes - (Alternative 4)
(C) ○ Unsaturated (unsaturated) hydrocarbons - (Alternative 3)
(D) ○ Saturated hydrocarbons - (Alternative 2)

**Question No.14** 1.00

**Bookmark** ☐

What is the number of schedules in the Constitution of India?
(A) ○ 9 - (Optional 2)
(B) ○ **12 - (Optional 4)**
(C) ○ 8 - (Optional 1)
(D) ○ 10 - (Optional 3)

**Question No.15** 1.00

**Bookmark** ☐

What is the celestial body orbiting the Sun between Mars and Jupiter?
(A) ○ Meteorite - (Alternative 3)
(B) ○ **Asteroid - (Alternative 2)**
(C) ○ Comet - (Alternative 1)
(D) ○ Satellite - (Optional 4)

**Question No.16** 1.00

**Bookmark** ☐

How. According to the vere, the constitution of India is ________
(A) ○ **Semi-chance - (Alternative 2)**
(B) ○ Communist (Communist) - (Optional 4)
(C) ○ Aik - (Alternative 1)
(D) ○ Federal - (Optional 3)

**Question no.17** 1.00

**Bookmark** ☐

Under the Rajiv Gandhi Khel Ratna award, Rs. ___________ is given as a reward for outstanding performances by a player.

(A) ○ 2 million - (Optional 1)
(B) ○ 1 crore - (Optional 3)
(C) ○ **7.5 million - (Optional 4)**
(D) ○ 1.5 million - (Optional 2)

**Question No.18** 1.00

**Bookmark** ☐

What is the pre-declared price for the farmers for their crops by the government?
(A) ○ Minimum Sale Price - (Optional 1)
(B) ○ **Minimum Support Price - (Optional 2)**
(C) ○ Maximum Sale Price - (Optional 4)
(D) ○ Maximum Support Price - (Optional 3)

**Question No.19** 1.00

**Bookmark** ☐

Tawa river, which is the tributary of River ________, is located on the Tawa reservoir
(A) ○ Krishna - (Alternative 1)
(B) ○ Tapti - (Alternative 4)
(C) ○ **Narmada - (Alternative 2)**
(D) ○ Godavari - (Alternative 3)

**Question No.20** 1.00

**Bookmark** ☐

Which of the following fossils has the same embryonic origin and basic structure, but their functions differ?
(A) ○ Semi-developed fossils - (Alternative 3)
(B) ○ **Decorated Fossil - (Alternative 4)**
(C) ○ Heterogeneous Fossil - (Alternative 1)
(D) ○ Similar Fossils - (Alternative 2)

**Question no.21** 1.00

**Bookmark** ☐

The second Anglo-Mysore war ended under which agreement?
(A) ○ **Mangalore Accord - (Alternative 4)**
(B) ○ Mysore Agreement - (Alternative 1)
(C) ○ Madras Agreement - (Alternative 3)
(D) ○ Salbai Memorandum - (Alternative 2)

**Question no.22** 1.00

**Bookmark** ☐

Which year was the Parliament House Local Area Development Plan (MPLADS) started?
(A) ○ 1992 - (Alternative 2)
(B) ○ **1993 - (Alternative 3)**
(C) ○ 1990 - (Optional 1)
(D) ○ 1994 - (Optional 4)

**Question no.23** 1.00

**Bookmark** ☐

The Cook Strait is situated in which of the following countries?
(A) ○ Russia - (Alternative 4)
(B) ○ Australia - (Alternative 2)
(C) ○ Iran - (Alternative 3)
(D) ○ **New Zealand - (Alternative 1)**

**Question no.24** 1.00

**Bookmark** ☐

Which of the following Constitution Amendment Act has reduced voter age from 21 years to 18 years?
(A) ○ 44th Constitution Amendment Act - (Alternative 2)
(B) ○ 42nd Constitution Amendment Act - (Optional 1)
(C) ○ 69th Constitution Amendment Act - (Alternative 4)
(D) ○ **61st Constitution Amendment Act - (Optional 3)**

**Question No.25** 1.00

**Bookmark** ☐

The structural part of the Constitution of India is taken from ______
(A) ○ Government of India Act, 1919 - (Alternative 2)
(B) ○ **Government of India Act, 1935 - (Alternative 4)**
(C) ○ Government of India Act, 1858 - (Alternative 1)
(D) ○ Government of India Act, 1909 - (Alternative 3)

**Question no.26** 1.00

**Bookmark** ☐

When was the 2nd Round Table Conference held?
(A) ○ 1935 - (Alternative 3)
(B) ○ 1939 - (Alternative 4)
(C) ○ **1931 - (Alternative 2)**
(D) ○ 1929 - (Optional 1)

**Question no.27** 1.00

**Bookmark** ☐

Which Noble Gas (Excellent Gas) is called Stranger Gas?
(A) ○ Argon - (Alternative 2)
(B) ○ **Xenon - (Alternative 3)**
(C) ○ Neon - (Alternative 1)
(D) ○ Krypton - (Alternative 4)

**Question no.28** 1.00

**Bookmark** ☐

Part VI of the Constitution of India is related to?
(A) ○ **State Governments - (Alternative 3)**
(B) ○ Principles of State Policy - (Alternative 1)
(C) ○ Central Governments - (Alternative 2)

(D) ○ Elections - (Alternative 4)

**Question no.29** 1.00

**Bookmark** ☐

What is the full form of autonomous body NDTL under the Ministry of Youth Affairs and Sports?

(A) ○ **National Dope Testing Laboratory - (Alternative 1)**

(B) ○ National Darkness Testing Laboratory - (Alternative 4)

(C) ○ Natural Dope Testing Laboratory - (Alternative 3)

(D) ○ National Doping Transformation Laboratory - (Alternative 2)

**Question No.30** 1.00

**Bookmark** ☐

In which state did 'Kalamkari painting' start?

(A) ○ Himachal Pradesh - (Alternative 4)

(B) ○ Madhya Pradesh - (Alternative 1)

(C) ○ Uttar Pradesh - (Alternative 2)

(D) ○ **Andhra Pradesh - (Alternative 3)**

**Question No.31** 1.00

**Bookmark** ☐

Which amendment act is called the Micro Constitution of India?

(A) ○ **42nd Amendment Act, 1976 - (Alternative 2)**

(B) ○ 44th Amendment Act, 1978 - (Alternative 4)

(C) ○ 24th Amendment Act, 1971 - (Alternative 3)

(D) ○ 86th Amendment Act, 1976 - (Alternative 1)

**Question No.32** 1.00

**Bookmark** ☐

Who was the South African cricket player who announced his retirement in May 2018?

(A) ○ Lungi Ngudi - (Alternative 3)

(B) ○ David Miller - (Alternative 4)

(C) ○ Kagiso Rabada - (Alternative 1)

(D) ○ **AB de Villiers - (Alternative 2)**

**Question No.33** 1.00

**Bookmark** ☐

The duration of the football match in which the extra time is not counted, how much is it?

(A) ○ 30 minutes - (Optional 4)

(B) ○ 60 minutes - (Optional 2)

(C) ○ 3 Hours - (Optional 3)

(D) ○ **90 minutes - (Optional 1)**

**Question No.34** 1.00

**Bookmark** ☐

Which of the following declares the policies of the government on the House of Parliament?

(A) ○ Chairman - (Alternative 3)

○

(B) President - (Alternative 1)
(C) ○ Vice President - (Alternative 4)
(D) ○ **Prime Minister - (Alternative 2)**

**Question No.35** 1.00

**Bookmark** ☐

Who was the last physical master (Guru in human form) of Sikh religion?
(A) ○ Master every opinion - (Alternative 3)
(B) ○ Guru Every Kishan - (Alternative 4)
(C) ○ Guru Hargobind - (Alternative 2)
(D) ○ **Guru Gobind Singh - (Alternative 1)**

**Question No.36** 1.00

**Bookmark** ☐

Chlorofluorocarbons (CFCs) are also known as _______
(A) ○ Chlorocarbon - (Alternative 2)
(B) ○ Fluoromethane - (Alternative 1)
(C) ○ Anisol - (Optional 3)
(D) ○ **Frans - (Optional 4)**

**Question No.37** 1.00

**Bookmark** ☐

Which of the following programs are aimed at building self-employment opportunities in rural areas and small towns?
(A) ○ **Rural Employment Generation Program (REGP) - (Alternative 1)**
(B) ○ Prime Minister Gramodaya Yojana (PMGY) - (Alternative 2)
(C) ○ Prime Minister Jan Dhan Yojana (PMJDY) - (Alternative 4)
(D) ○ Swarnjayanti Gram Swarozgar Yojana - (Alternative 3)

**Question No.38** 1.00

**Bookmark** ☐

Which of the following plays Kallidas wrote?
(A) ○ Moorish - (Alternative 3)
(B) ○ Ratnavali - (Alternative 1)
(C) ○ **Malavinknamitrum - (Alternative 4)**
(D) ○ Devinagar Gupta - (Alternative 2)

**Question No.39** 1.00

**Bookmark** ☐

Which of the following countries was formerly known as Formosa?
(A) ○ South Korea - (Alternative 2)
(B) ○ China - (Alternative 1)
(C) ○ **Taiwan - (Alternative 4)**
(D) ○ Japan - (Alternative 3)

**Question No.40** 1.00

**Bookmark** ☐

Constitution of India ________

(A) ○ Pictorial Document is - (Optional 4)

(B) ○ **The longest written constitution is - (Alternative 1)**

(C) ○ Printed Documents - (Optional 3)

(D) ○ The unwritten constitution is - (Alternative 2)

**Question No.41** 1.00

**Bookmark** ☐

Who was the calligraphist of the Constitution of India?

(A) ○ A.V. Thakkar - (Alternative 2)

(B) ○ Nand Lal Bose - (Alternative 4)

(C) ○ J.B. Crypallani - (Alternative 1)

(D) ○ **Prem Bihari Narayan Riyazada - (Alternative 3)**

**Question No.42** 1.00

**Bookmark** ☐

Where was the only convention of Indian National Congress held under the chairmanship of Mahatma Gandhi?

(A) ○ Nagpur - (Alternative 3)

(B) ○ Appearance - (Alternative 2)

(C) ○ Bombay - (Alternative 1)

(D) ○ **Belgaum - (Alternative 4)**

**Question No.43** 1.00

**Bookmark** ☐

What is the friction force employed between the two surfaces interacted in relative speed?

(A) ○ Rolling Friction - (Alternative 4)

(B) ○ **Dynamic Friction - (Optional 1)**

(C) ○ Limited Friction - (Alternative 3)

(D) ○ Static Friction - (Alternative 2)

**Question no.44** 1.00

**Bookmark** ☐

Which article is related to uniform civil code for all citizens of the country?

(A) ○ **Article 44 - (Optional 1)**

(B) ○ Article 46 - (Alternative 2)

(C) ○ Article 50 - (Optional 4)

(D) ○ Article 48 - (Optional 3)

**Question No.45** 1.00

**Bookmark** ☐

What is the first part of the large intestine?

(A) ○ Villey - (Alternative 4)

(B) ○ **Blindness (Sekum) - (Alternative 1)**

(C) ○ Medulla - (Alternative 2)

(D) ○ Klebsiella - (Alternative 3)

**Question No.46** 1.00

**Bookmark** ☐

Where annual rainfall is greater than ________, there are tropical evergreen forests.

(A) ○ 150 cm - (Optional 2)
(B) ○ 100 cm - (Optional 1)
(C) ○ 300 cm - (Optional 4)
(D) ○ **200 cm - (Optional 3)**

**Question no.47** 1.00

**Bookmark** ☐

Which state has the highest number of national parks in India?

(A) ○ **Madhya Pradesh - (Alternative 4)**
(B) ○ Punjab - (Alternative 1)
(C) ○ Tripura - (Alternative 2)
(D) ○ Tamilnadu - (Alternative 3)

**Question no.48** 1.00

**Bookmark** ☐

Which of the following states of India has summer and winter capital?

(A) ○ Sikkim - (Alternative 3)
(B) ○ **Jammu and Kashmir - (Alternative 2)**
(C) ○ Uttarakhand - (Alternative 1)
(D) ○ Rajasthan - (Alternative 4)

**Question No.49** 1.00

**Bookmark** ☐

Who are the parents of immunology?

(A) ○ **Edward Genner - (Alternative 2)**
(B) ○ Antoni van Leuvenhoek - (Alternative 1)
(C) ○ Robert Coach - (Alternative 3)
(D) ○ Karl Linyenius - (Alternative 4)

**Question No.50** 1.00

**Bookmark** ☐

Internet Café, ATM booth and call center are examples of which?

(A) ○ **Tertiary Sector - (Alternative 3)**
(B) ○ Auking Sector - (Alternative 1)
(C) ○ Secondary Sector - (Alternative 4)
(D) ○ Primary sector - (Alternative 2)

**Question No.51** 1.00

**Bookmark** ☐

Find the next number in this series.
56, 54, 51, 46, 39,?

(A) ○ **28 - (Optional 1)**
○

(B) 36 - (Optional 3)
(C) ○ 30 - (Alternative 2)
(D) ○ 40 - (Optional 4)

**Question No.52** 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.
Parrot: beak :: Elephant: ??
(A) ○ Small - (Optional 1)
(B) ○ Chair - (Optional 3)
(C) ○ **Tusk - (Alternative 4)**
(D) ○ Book - (Alternative 2)

**Question No.53** 1.00

**Bookmark** ☐

In this question, a statement and related two conclusions have been given in the form of i and ii. You have to consider both the conclusions as truths in the statements together and to decide which conclusions regarding the statements Rational beyond any reasonable doubt.
Statement: Statement: Government is supplying free medicines from 2014 and till now 75 thousand sick people have taken advantage of it, although the size of affected population is 100 times this number.

Conclusion:
i) Every affected person has taken advantage of the free medicines given by the government.
ii) The scheme implemented by the Government of India for giving free medicines to the affected people is very good.

Select the one most suitable in 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) ○ **D - (Alternative 4)**
(B) ○ A - (Alternative 1)
(C) ○ C - (Alternative 3)
(D) ○ B - (Alternative 2)

**Question No.54** 1.00

**Bookmark** ☐

Find the next number in this series.
15, 36, 67, 88, 119,?
(A) ○ 120 - (Optional 1)
(B) ○ 150 - (Optional 4)
(C) ○ 130 - (Alternative 2)
(D) ○ **140 - (Optional 3)**

**Question no.55** 1.00

**Bookmark** ☐

Read the following statements and then answer the given question.

A4B means A is the mother of A, B is
A3B meaning A, B is father
A, B is A, A is the sister of A, B is
A7B, A is the brother of A, in the

equation P3Q5R7S, what is the relation of P to S is ?
(A) ○ Brother - (Alternative 3)
(B) ○ Aunt - (Alternative 4)
(C) ○ **Father - (Optional 1)**
(D) ○ Uncle - (Alternative 2)

**Question no.56** 1.00

**Bookmark** ☐

A of Nice C has a Mummy Aunt. What is the relationship of C to Mother A?
(A) ○ Daughter - (Alternative 3)
(B) ○ Granddotter - (Alternative 1)
(C) ○ Cage - (Alternative 2)
(D) ○ **Nice - (Alternative 4)**

**Question no.57** 1.00

**Bookmark** ☐

In this question two statements and related two findings have been given in the form of i and ii. You should consider the things given in the statements as true and together with both the conclusions, it is to decide what conclusions regarding the statements Reasonable beyond reasonable doubt?
Statement: All parrots are pigeons. There is no parrot bird.
Conclusion:
i). Some dove pigeons.
ii). There is no pigeon.

Select the one 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 conclusions i or ii is logical
D. Neither the conclusion ii nor the rational
i.i and i ii Both conclusions are logical.
(A) ○ **A - (Alternative 1)**
(B) ○ C - (Alternative 3)
(C) ○ B - (Alternative 2)
(D) ○ E - (Alternative 4)

**Question no.58** 1.00

**Bookmark** ☐

In a fixed code language, GREY is coded as 718525. How will SPOT be coded in that same language?
(A) ○ 18161520 - (Optional 1)
(B) ○ 19151619 - (Optional 2)
(C) ○ **19161520 - (Optional 3)**
(D) ○ 18161519 - (Optional 4)

**Question No.59** 1.00

**Bookmark** ☐

In this question the relation between different elements has been given in the statement. Two conclusions related to the statement have been given.
Statement: C <L> I = E ≥ N> T
Conclusion:
i) I> T
ii) T <C

Select the appropriate of 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) ○ D - (Alternative 4)
(B) ○ C - (Alternative 3)
(C) ○ **A - (Alternative 1)**
(D) ○ B - (Alternative 2)

**Question No.60** 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.
Postman: Letters :: Student: ??

(A) ○ Weather - (Alternative 1)
(B) ○ Rainbow - (Alternative 2)
(C) ○ Carpenter - (Alternative 4)
(D) ○ **Books - (Alternative 3)**

**Question No.61** 1.00

**Bookmark** ☐

Find the next number in this series.
6, 31, 56, 81, 106,?

(A) ○ 120 - (Optional 1)
(B) ○ 130 - (Alternative 2)
(C) ○ **131 - (Alternative 4)**
(D) ○ 135 - (Optional 3)

**Question No.62** 1.00

**Bookmark** ☐

Please read the given information carefully and then answer the questions given.

6 friends Mahesh, Nisha, Oliver, Prakash, Kasim and Ratish were sitting in the center of a center around a hexagonal table in a coffee shop.
i) Nisha is sitting at the right hand side of Mahesh.
ii) Oliver is not sitting in front of Nisha.
iii) Ratish and Prakash are sitting in the corner in front of each other.
iv) Mahesh is not a neighbor of Prakash.

How many people are sitting between the light and Qasim on counting from the right of Qasim?

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

**Question No.63**

1.00

**Bookmark** ☐

Please read the given information carefully and then answer the given questions.

6 friends Mahesh, Nisha, Oliver, Prakash, Kasim and Ratish were sitting in the center of a center around a hexagonal table in a coffee shop.
i) Nisha is sitting at the right hand side of Mahesh.
ii) Oliver is not sitting in front of Nisha.
iii) Ratish and Prakash are sitting in the corner in front of each other.
iv) Mahesh is not a neighbor of Prakash.
Who is sitting between Ratish and Nisha right?

(A) ○ Qasim - (Alternative 3)
(B) ○ Lighting - (Alternative 1)
(C) ○ **Mahesh - (Alternative 4)**
(D) ○ Oliver - (Alternative 2)

**Question No.64**

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.
Amazon has acknowledged the data violation of user names and email ids of some users without giving details of its nature or scope. Although the company has not disclosed the total number of users affected by this violation, it has sent information to all affected users about the technical problem. And now this e-commerce major company is offering Gift Cards as compensation to customers who are victims of their data violation. This e-commerce company headquartered in Seattle is offering Gift Cards between $ 5 to $ 100 for users affected by some of their data violations.
A publication mentioning email communications between Amazon and a customer Paul Gagnon has reported that when he asked the customer service desk to ask the company how his information was leaked, then the company gave him a promotion of $ 100 Certificate offered. When Gagan got no response for the reason of this violation, he was offered $ 100 as an apology. After this violation, many affected users had filed a complaint with the service desk. Many people affected by this violation complained to the company, but none of them got so far. It is being speculated that Amazon Customer Service Supervisors have been instructed not to offer any comments or any kind of compensation to affected Amazon users.

Statement: The company has not told the fixed number of people affected by data violation.
Select the most suitable option below.

A-statement is definitely true.
B-Query is probably true.
C-statement can not be determined.
D-statement is completely false.

(A) ○ **A - (Alternative 1)**

(B) ○ D - (Alternative 4)
(C) ○ B - (Alternative 2)
(D) ○ C - (Alternative 3)

**Question No.65** 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.
72301: 715 :: 31790: ??

(A) ○ **974 - (Optional 1)**
(B) ○ 977 - (Alternative 3)
(C) ○ 978 - (Alternative 4)
(D) ○ 976 - (Alternative 2)

**Question No.66** 1.00

**Bookmark** ☐

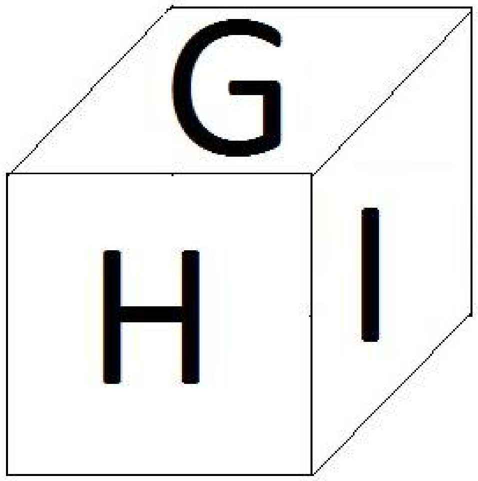
On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.
R: Y :: G: ??

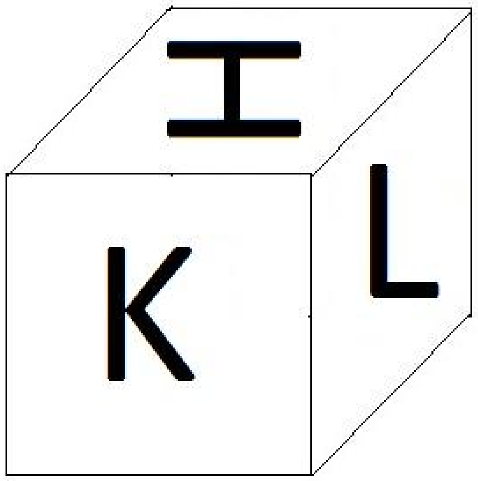
(A) ○ O - (Optional 3)
(B) ○ M - (Alternative 1)
(C) ○ **N - (Alternative 2)**
(D) ○ P - (Alternative 4)

**Question No.67** 1.00

**Bookmark** ☐

According to the diagram shown on the sides of a single dice, the letters are G, H, I, J, K and L. What is the letter on the opposite surface of the letter K?





(A) ○ **I - (Optional 1)**
(B) ○ J - (Alternative 2)
(C) ○ G - (Alternative 4)
○

(D) L - (Alternative 3)

**Question No.68** 1.00

**Bookmark** ☐

Please read the given information carefully and then answer the questions given.

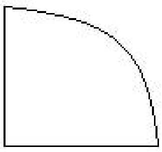
6 friends Mahesh, Nisha, Oliver, Prakash, Kasim and Ratish were sitting in the center of a center around a hexagonal table in a coffee shop.
i) Nisha is sitting at the right hand side of Mahesh.
ii) Oliver is not sitting in front of Nisha.
iii) Ratish and Prakash are sitting in the corner in front of each other.
iv) Mahesh is not a neighbor of Prakash.
Who is sitting on the left side of Oliver's second person on the right?

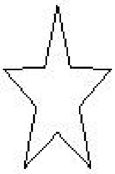
(A) ○ **Nisha - (Alternative 1)**
(B) ○ Ratish - (Alternative 2)
(C) ○ Lighting - (Alternative 3)
(D) ○ Qasim - (Alternative 4)

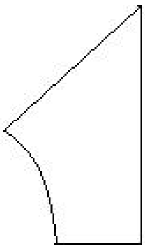
**Question No.69** 1.00

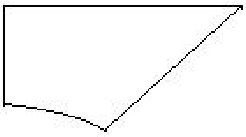
**Bookmark** ☐

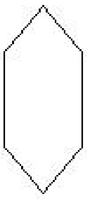
From the following options, select the correct option that creates a perfect square (three of the five images below).


1


2


3


4


5

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

**Question No.70** 1.00

**Bookmark** ☐

There are three statements showing the relation in this question. Three findings related to them are given i, ii, and iii. Assuming the statements as true, decide which conclusions / statements are true in relation to the statements?

Statement: C <L ≤ O; O <T> H; H = E ≥ S

Conclusion:
i) O <E

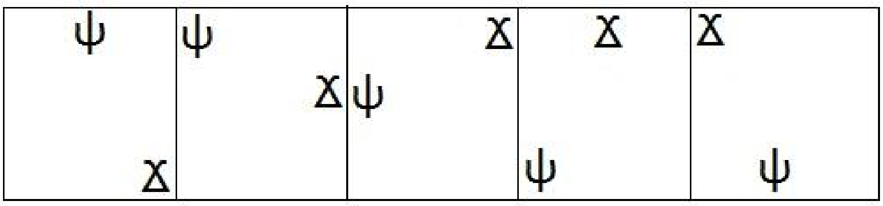
ii) S <
Oiiii) C <H

(A) ○ I only) and ii) - (optional 1)
(B) ○ Only ii) and iii) - (Optional 2)
(C) ○ Only ii) - (Optional 3)
(D) ○ **No rational - (Alternative 4)**

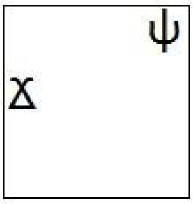
**Question No.71** 1.00

**Bookmark** ☐

Which of the options given for the given series is the next figure?

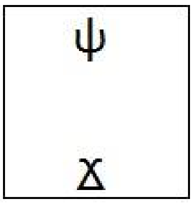


(A) ○



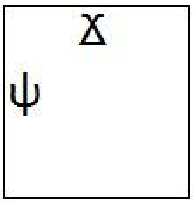
- (Optional 4)

(B) ○



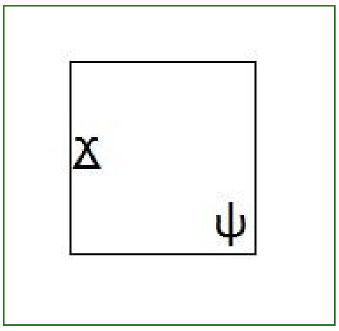
- (Optional 1)

(C) ○



- (Optional 3)

(D) ○



- (Optional 2)

**Question No.72** 1.00

**Bookmark** ☐

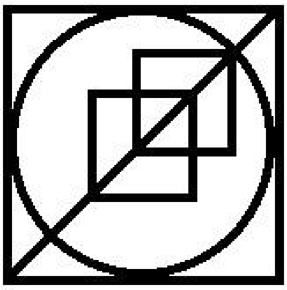
A boy pointing to a woman said, "She is the only daughter of my mother's wife-in-law's wife." What does that woman have to do with that boy?

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

**Question No.73** 1.00

**Bookmark** ☐

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



(A) ○ 5 - (Optional 2)
(B) ○ 6 - (Optional 3)
(C) ○ 9 - (Optional 4)
(D) ○ **8 - (Optional 1)**

**Question No.74** 1.00

**Bookmark** ☐

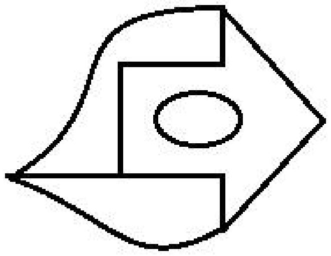
Four of the following five are in some way similar and they create a group among themselves. Which of these is not related to this group?
S, T, V, O, P

(A) ○ P - (Alternative 1)
(B) ○ T - (Optional 3)
(C) ○ **S - (Alternative 2)**
(D) ○ V - (Alternative 4)

**Question No.75** 1.00

**Bookmark** ☐

How straight lines are in given shape?



(A) ○ 12 - (Optional 3)
(B) ○ 8 - (Optional 1)
(C) ○ 10 - (Optional 2)
(D) ○ **9 - (Optional 4)**

**Question No.76** 1.00

**Bookmark** ☐

Four of the following five are in some way similar and they create a group among themselves.
Which of these is not related to this group?
Great, Excellent, Fierce, Joyful, Excellent

(A) ○ Brilliant - (Optional 1)
(B) ○ Blissful - (Alternative 2)
(C) ○ Outstanding - (Optional 4)
(D) ○ **Fierce - (Alternative 3)**

**Question No.77** 1.00

**Bookmark** ☐

In this question three statements and three related conclusions have been given. You have to consider the things given in the statements as truth and to decide together on the conclusions and to determine which conclusions regarding the statements, beyond any reasonable doubt Is it rational?
Statement: Some girls are women. All women are women Some women are females.
Conclusion:
i. Some women are girls.
ii. Some women are females.
iii. Some girls are females.

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

**Question No.78** 1.00

**Bookmark** ☐

Four of the following five are in some way similar and they create a group among themselves.
Which of these is not related to this group?
UV, PQ, LM, NJ, AB

(A) ○ **NJ - (Alternative 1)**
(B) ○ LM - (Alternative 2)

(C) ○ UV - (Alternative 4)
(D) ○ PQ - (Optional 3)

**Question No.79** 1.00

**Bookmark** ☐

JUDGE is code as a MXYJX in a fixed code language. How will OUGHT be coded in that same language?

(A) ○ RXBKV - (Optional 1)
(B) ○ RXJKV - (Optional 2)
(C) ○ **RXBKW - (Optional 3)**
(D) ○ RXJKW - (Optional 4)

**Question No. 80** 1.00

**Bookmark** ☐

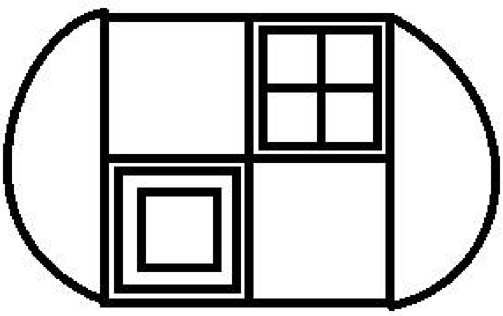
Find the next number in this series.
6, 30, 60, 300, 600,?

(A) ○ **3000 - (Alternative 2)**
(B) ○ 2400 - (Optional 1)
(C) ○ 3200 - (Optional 4)
(D) ○ 3600 - (Optional 3)

**Question No.81** 1.00

**Bookmark** ☐

How many classes are there in given figure?



(A) ○ 11 - (Optional 1)
(B) ○ **12 - (Optional 2)**
(C) ○ 8 - (Optional 4)
(D) ○ 13 - (Optional 3)

**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.
Amazon has acknowledged the data violation of the user name and email id of some of its users, without giving details of its nature or scope. Although the company has not disclosed the total

number of users affected by this violation, it has sent information to all affected users about the technical problem. And now this e-commerce major company is offering Gift Cards as compensation to customers who are victims of their data violation. This e-commerce company headquartered in Seattle is offering Gift Cards between $ 5 to $ 100 for users affected by some of their data violations.
A publication mentioning email communications between Amazon and a customer Paul Gagnon has reported that when he asked the customer service desk to ask the company how his information was leaked, then the company gave him a promotion of $ 100 Certificate offered. When Gagan got no response for the reason of this violation, he was offered $ 100 as an apology. After this violation, many affected users had filed a complaint with the service desk. Many people affected by this violation complained to the company, but none of them got so far. It is being speculated that Amazon Customer Service Supervisors have been instructed not to offer any comments or any kind of compensation to affected Amazon users.

Statement: Amazon has not instructed its supervisors to not provide any comments or offers of compensation to the affected users.

Select the most suitable option below.
A-statement is definitely true.
B-Query is probably true.
C-statement can not be determined.
D-statement is completely false.

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

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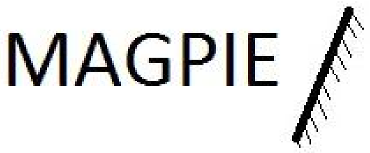
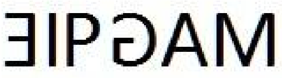
**Question no.83** 1.00

**Bookmark** ☐

If the mirror is placed on the shaded line, then what will be the correct image of the given figure from the following options?

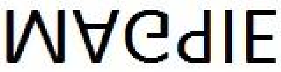


(A) ○



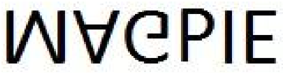
- (Optional 2)

(B) ○



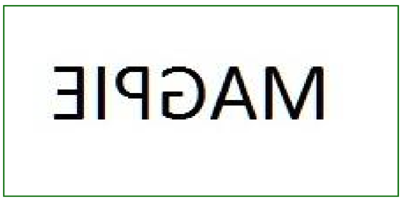
- (Optional 4)

(C) ○



- (Optional 1)

(D) ○



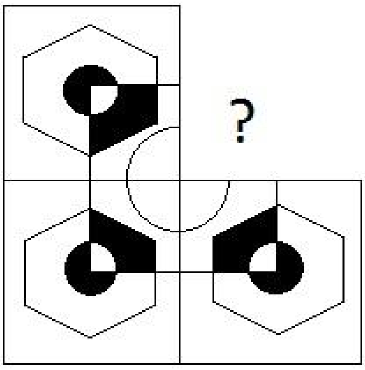
- (Optional 3)

**Question no.84**

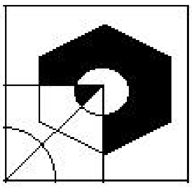
1.00

**Bookmark** ☐

Choose from the selection of the right figure that meets the picture pattern of the given picture.

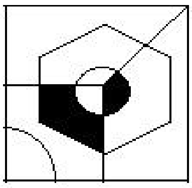


(A) ○



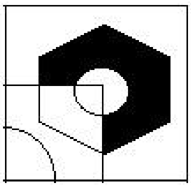
- (Optional 1)

(B) ○



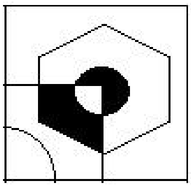
- (Optional 2)

(C) ○



- (Optional 4)

(D) ○



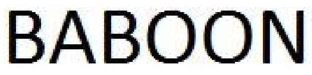
- (Optional 3)

**Question no.85**

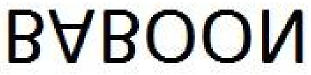
1.00

**Bookmark** ☐

Select the water reflection of the given shape with the options.

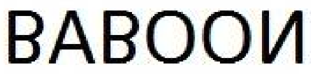


(A) ○



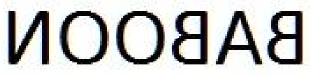
- (Optional 4)

(B) ○



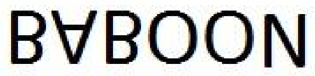
- (Optional 2)

(C) ○



- (Optional 1)

(D) ○



- (Optional 3)

**Question no.86** 1.00

**Bookmark** ☐

Find the value of X:

$$\sqrt{(60\text{-}x)} = \sqrt{(21 + \sqrt{225})}$$

(A) ○ **24 - (Optional 1)**
(B) ○ 42 - (Optional 3)
(C) ○ 39 - (Optional 4)
(D) ○ 26 - (Optional 2)

**Question No.87** 1.00

**Bookmark** ☐

Find the area of the equilateral triangle whose side is 96 cm. (in $cm^2$)
(A) ○ 2344√3 - (Optional 4)
(B) ○ 2314√3 - (Optional 1)
(C) ○ **2304√3 - (Optional 2)**
(D) ○ 2324√3 - (Optional 3)

**Question no.88** 1.00

**Bookmark** ☐

A train takes 36 seconds to cross the signal located at one end of the 473 meter long bridge. If the train takes 79 seconds to cross the bridge, then know the length of the train. (In meters)
(A) ○ **396 - (Optional 1)**
(B) ○ 376 - (Optional 3)
(C) ○ 366 - (Alternative 4)
(D) ○ 386 - (Alternative 2)

**Question No.89** 1.00

**Bookmark** ☐

LPG cylinder costs Rs. 664 to Rs. 830 has been done. What percentage of consumption should be reduced so that the amount spent on LPG cylinders remains the same? (% In)
(A) ○ 30 - (Optional 3)
(B) ○ **20 - (Optional 1)**
(C) ○ 25 - (Optional 2)
(D) ○ 35 - (Optional 4)

**Question No.90** 1.00

**Bookmark** ☐

A shopkeeper has an item worth Rs. Bought in 216 and it cost Rs. Sold in 270. Find the Profit Percentage (% In)

(A) ○ **25 - (Optional 2)**
(B) ○ 20 - (Optional 1)
(C) ○ 30 - (Optional 3)
(D) ○ 35 - (Optional 4)

**Question No.91** 1.00

**Bookmark** ☐

The width of a rectangle is 200 cm and its diagonal is 520 cm. Find out its circumference (in cm)

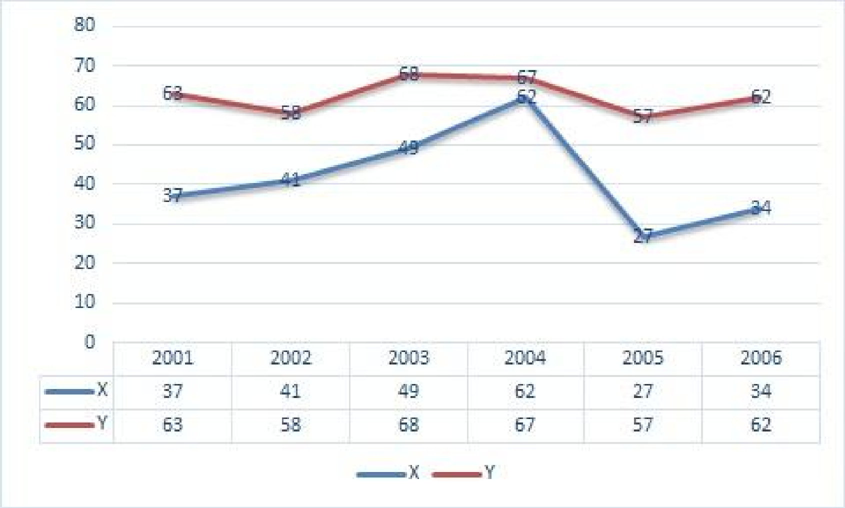
(A) ○ **1360 - (Optional 4)**
(B) ○ 1160 - (Alternative 2)
(C) ○ 1260 - (Optional 3)
(D) ○ 1060 - (Optional 1)

**Question No.92** 1.00

**Bookmark** ☐

Instructions: Study the following graphs and answer the questions based on this. The number of vehicles manufactured by X and Y companies in the years 2001 to 2006 (in thousand)

. Which of the following years was the difference between the production of X and Y in the given years?



(A) ○ 2005 - (Alternative 4)
(B) ○ 2003 - (Alternative 2)
(C) ○ **2004 - (Alternative 3)**
(D) ○ 2002 - (Alternative 1)

**Question No.93** 1.00

**Bookmark** ☐

Franklin completes the first part of the race at a speed of 570 mph and the second part completes at a speed of 855 mph. Find the average speed of the first two parts. (mph in-mile per hour)

(A) ○ 692 - (Optional 4)

(B) ○ 688 - (Optional 3)
(C) ○ 686 - (Optional 2)
(D) ○ **684 - (Optional 1)**

**Question No.94** 1.00

**Bookmark** ☐

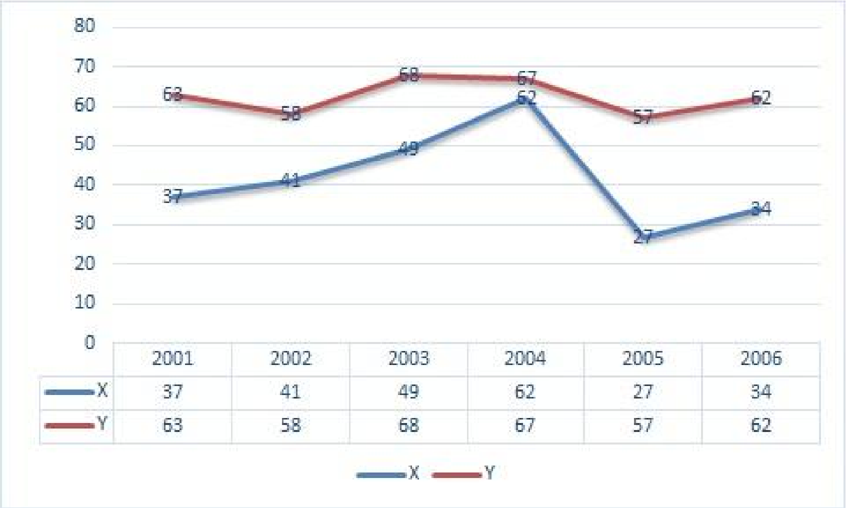
The average of 7 numbers is 146. After removing any number, the average remains the same. Find out the number deleted.

(A) ○ 140 - (Optional 1)
(B) ○ 144 - (Optional 3)
(C) ○ 142 - (Alternative 2)
(D) ○ **146 - (Alternative 4)**

**Question No.95** 1.00

**Bookmark** ☐

Instructions: Study the following graphs and answer the questions based on this. Find out the difference between the total production of the two companies in the years given by the X and Y companies in the years from 2001 to 2006 (number of vehicles) produced by X and Y companies .



| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---|---|---|---|---|---|
| X | 37 | 41 | 49 | 62 | 27 | 34 |
| Y | 63 | 58 | 68 | 67 | 57 | 62 |

(A) ○ 127 - (Alternative 2)
(B) ○ 131 - (Alternative 4)
(C) ○ **125 - (Optional 1)**
(D) ○ 129 - (Optional 3)

**Question No.96** 1.00

**Bookmark** ☐

The ratio of the alpha and beta to age is 2: 5. If the sum of his age is 252, then find the difference in his age.

(A) ○ 104 - (Alternative 2)
(B) ○ **108 - (Alternative 4)**
(C) ○ 106 - (Optional 3)
(D) ○ 102 - (Optional 1)

**Question No.97** 1.00

**Bookmark** ☐

A shopkeeper has an item worth Rs. 405 and bought it Sold in 324. Find out the percentage of losses. (% In)

(A) ○ 35 - (Optional 4)
(B) ○ 30 - (Optional 3)
(C) ○ **20 - (Optional 1)**
(D) ○ 25 - (Optional 2)

**Question No.98** 1.00

**Bookmark** ☐

A certain amount is divided into 2 parts in the ratio of 6: 5. If the first part is Rs. 246, then find out the total amount. (In rupees)

(A) ○ **451 - (Optional 1)**
(B) ○ 457 - (Alternative 4)
(C) ○ 453 - (Optional 2)
(D) ○ 455 - (Optional 3)

**Question No.99** 1.00

**Bookmark** ☐

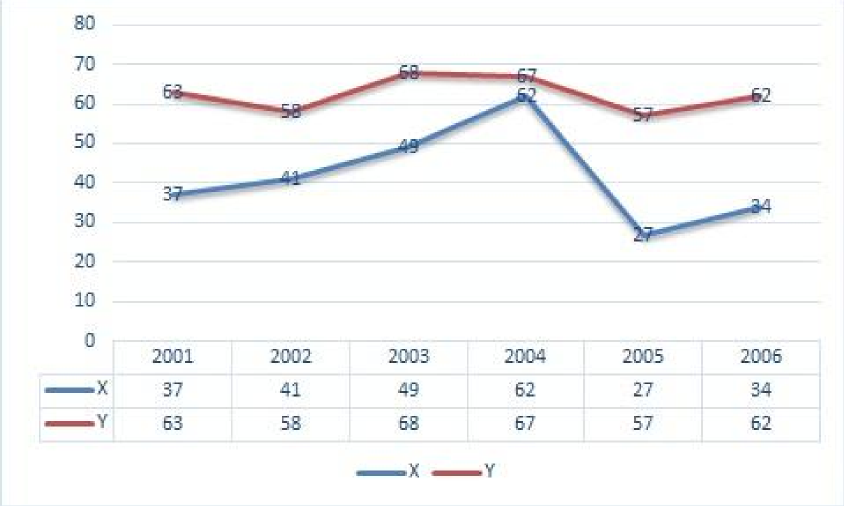
The sides of a quadrangular plain are in the ratio 2: 3: 4: 5 and the perimeter is 574 cm. Find out the smallest arm. (in cm)

(A) ○ 80 - (Optional 1)
(B) ○ 84 - (Optional 3)
(C) ○ 86 - (Alternative 4)
(D) ○ **82 - (Alternative 2)**

**Question No.100** 1.00

**Bookmark** ☐

Instructions: Study the following graphs and answer the questions based on this. In the years 2001 to 2006, the number of vehicles manufactured by X and Y companies (in thousand)
is the difference between the number of vehicles manufactured in 2001 and 2002 by Company X?



| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---|---|---|---|---|---|
| X | 37 | 41 | 49 | 62 | 27 | 34 |
| Y | 63 | 58 | 68 | 67 | 57 | 62 |

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

**Question No.101** 1.00

**Bookmark** ☐

The value of a piece of metal has been increased from Rs.375 to Rs.450. What percentage increase in this? (% In)

(A) ○ 25 - (Optional 3)
(B) ○ 15 - (Optional 1)
(C) ○ 30 - (Optional 4)
(D) ○ **20 - (Optional 2)**

**Question No.102** 1.00

**Bookmark** ☐

25% of 66.67% of 75% of 80% of a number is 6349. Find 40% of this number.

(A) ○ 25796 - (Optional 4)
(B) ○ 25196 - (Optional 1)
(C) ○ **25396 - (Optional 3)**
(D) ○ 25296 - (Alternative 2)

**Question No.103** 1.00

**Bookmark** ☐

Solve:

$$(57\times18\times57\times18)\div(2(\sqrt{324\div2}))^2$$

(A) ○ 3688 - (Optional 1)
(B) ○ 3789 - (Alternative 3)
(C) ○ 2401 - (Alternative 4)
(D) ○ **3249 - (Optional 2)**

**Question No.104** 1.00

**Bookmark** ☐

The face value of a book is Rs. 4,000 A book seller offers a discount of 10% on this. If he still earns 20% profit then what will be the cost of the book? (In rupees)

(A) ○ 3,200 - (Alternative 3)
(B) ○ **3,000 - (Optional 1)**
(C) ○ 3,300 - (Alternative 4)
(D) ○ 3,100 - (Optional 2)

**Question No.105** 1.00

**Bookmark** ☐

Find the area of a square of 91 cm and a 92 cm diagonal. (in cm$^2$)

(A) ○ **4186 - (Optional 3)**
(B) ○ 4086 - (Optional 2)
(C) ○ 4286 - (Optional 4)

(D) ○ 3986 - (Optional 1)

**Question No.106** 1.00

**Bookmark** ☐

At the compound interest rate of 10% pa every year, Rs. Find the amount to be received at 16,900. (In rupees)

(A) ○ 22,449 - (Optional 3)
(B) ○ **20,449 - (Optional 1)**
(C) ○ 23,449 - (Optional 4)
(D) ○ 21,449 - (Optional 2)

**Question No.107** 1.00

**Bookmark** ☐

When 4069 is divided by 9, what will be the remaining fruit?

(A) ○ **1 - (Optional 4)**
(B) ○ 2 - (Optional 1)
(C) ○ 3 - (Optional 2)
(D) ○ 0 - (Optional 3)

**Question No.108** 1.00

**Bookmark** ☐

In one box there are 125 detergent soaps, 80 of which have been utilized. How many percent detergent soap remains in the box? (% In)

(A) ○ 40 - (Optional 2)
(B) ○ **36 - (Optional 1)**
(C) ○ 44 - (Alternative 4)
(D) ○ 42 - (Optional 3)

**Question No.109** 1.00

**Bookmark** ☐

The average weight of eleven players in the state-level cricket team is 103 kg. When the coach was added, the average weight increased by 1 kg. How much is the weight of the coach? (In Kg)

(A) ○ 114 - (Optional 1)
(B) ○ 117 - (Optional 4)
(C) ○ 116 - (Optional 3)
(D) ○ **115 - (Optional 2)**

**Question no.110** 1.00

**Bookmark** ☐

Invested at a simple interest rate of Rs. Find the amount to be received after 4 years at 4,800 for 13% per annum. (In rupees)

(A) ○ 7,496 - (Optional 3)
(B) ○ **7,296 - (Optional 1)**
(C) ○ 7,396 - (Alternative 2)
(D) ○ 7,596 - (Optional 4)

**Question No.111** 1.00

**Bookmark** ☐

After investing an amount of 12% per annum on the simple interest rate, after 5 years 5,700 interest is received. Find out the amount invested. (In rupees)

(A) ○ 9,450 - (Optional 2)

(B) ○ **9,500 - (Optional 3)**

(C) ○ 9,550 - (Optional 4)

(D) ○ 9,400 - (Optional 1)

**Question no.112** 1.00

**Bookmark** ☐

When an item is sold in Rs.4442, it is a loss of 15%. Find the cost value of that item. (In rupees)

(A) ○ 460 - (Optional 1)

(B) ○ **520 - (Alternative 4)**

(C) ○ 480 - (Alternative 2)

(D) ○ 500 - (Optional 3)

**Question No.113** 1.00

**Bookmark** ☐

The smallest number of two numbers (LCM) is 132 and their greatest consolator (HCF) is 11. If a number is 11 then what is the second number?

(A) ○ **132 - (Alternative 2)**

(B) ○ 155 - (Optional 4)

(C) ○ 121 - (Optional 1)

(D) ○ 136 - (Optional 3)

**Question No.114** 1.00

**Bookmark** ☐

Which of the following can be divided by 15?

(A) ○ 73445 - (Optional 3)

(B) ○ **38445 - (Optional 1)**

(C) ○ 39445 - (Optional 2)

(D) ○ 64345 - (Optional 4)

**Question No.115** 1.00

**Bookmark** ☐

In a box there are pen, pencil and rubber in the ratio of 3: 2: 1. If the value of pen, pencil and rubber is Rs. 3, Rs. 2 and Rs. 2 and the amount spent on the box is Rs.585 so find the number of pens in the box.

(A) ○ 118 - (Alternative 2)

(B) ○ 120 - (Optional 4)

(C) ○ **117 - (Optional 1)**

(D) ○ 119 - (Optional 3)

**Question no.116** 1.00

**Bookmark** ☐

A train running at a speed of 51 m / s crosses a signal in 13 seconds. Find out the length of the train. (In meters)

○

(A) 683 - (Optional 4)
(B) ○ 673 - (Alternative 3)
(C) ○ 653 - (Optional 1)
(D) ○ **663 - (Alternative 2)**

**Question No.117** 1.00

**Bookmark** ☐

Find a different X, X = 0.43838383838 ... ..

(A) ○ 431/900 - (Alternative 3)
(B) ○ **434/990 - (Alternative 2)**
(C) ○ 421/90 - (Optional 4)
(D) ○ 434/900 - (Optional 1)

**Question no.118** 1.00

**Bookmark** ☐

Solve:

$$\sqrt{(248+\sqrt{(50+\sqrt{(215-\sqrt{361})})})}$$

(A) ○ 12 - (Optional 4)
(B) ○ **16 - (Optional 1)**
(C) ○ 13 - (Optional 3)
(D) ○ 54 - (Alternative 2)

**Question No.119** 1.00

**Bookmark** ☐

Solve:

$$12-[24-(72\div3-(30-50\div5)\div20)]$$

(A) ○ **11 - (Optional 4)**
(B) ○ 13 - (Optional 2)
(C) ○ 10 - (Optional 1)
(D) ○ 12 - (Optional 3)

**Question No.120** 1.00

**Bookmark** ☐

To succeed in a competition, Jermilin requires an average score of 75 in four exams. His score in the first three exams is 78, 74 and 70. How many scores should he get in the fourth test to succeed in the competition?

(A) ○ 76 - (Alternative 3)
(B) ○ 77 - (Optional 2)
(C) ○ 75 - (Alternative 4)

(D) ○ **78 - (Optional 1)**

Roll No: **C / UR /**
Registration No.
Name:
Date: **03-Feb-2019**
Examination: **Online Examination - Constable**

**Section 1 - Online Examination**

**Question No.1** 1.00

**Bookmark** ☐

What is the process of the smooth dissolution of the nucleus?
(A) ○ **Radioactive - (Alternative 2)**
(B) ○ Nuclear Fusion - (Alternative 3)
(C) ○ Radioisotope - (Alternative 4)
(D) ○ Nuclear Fission - (Alternative 1)

**Question No.2** 1.00

**Bookmark** ☐

Which of the following is the sacred language of Heinan Buddhism?
(A) ○ **Poly - (Alternative 1)**
(B) ○ Sanskrit - (Alternative 2)
(C) ○ Bengali - (Alternative 4)
(D) ○ Hindi - (Alternative 3)

**Question No.3** 1.00

**Bookmark** ☐

Which of the following fields produces natural commodities?
(A) ○ **Primary sector - (Alternative 2)**
(B) ○ Secondary only region - (Alternative 4)
(C) ○ Tertiary Zone - (Alternative 3)
(D) ○ Unitary Area - (Alternative 1)

**Question No.4** 1.00

**Bookmark** ☐

'White Paper on Constitutional Reforms' was prepared by ____.
(A) ○ Woods Commission - (Alternative 2)
(B) ○ **Simon Commission - (Alternative 3)**
(C) ○ Hunter Commission - (Optional 1)
(D) ○ Sarkaria Commission - (Alternative 4)

**Question No.5** 1.00

**Bookmark** ☐

Who is the full genetic formation of a person?
(A) ○ Phenotype - (alternative 1)
(B) ○ Hybrid - (Alternative 2)
(C) ○ **Genotype (gene) - (Alternative 4)**

(D) ○ Dihybrid Cross - (Alternative 3)

**Question No.6** 1.00

**Bookmark** ☐

Who among the following freedom fighters was involved in the assassination of British officer John Saunders in 1928?

(A) ○ C.R. Das - (Alternative 3)
(B) ○ Bal Gangadhar Tilak - (Alternative 2)
(C) ○ Subhash Chandra Bose - (Alternative 1)
(D) ○ **Bhagat Singh - (Alternative 4)**

**Question No.7** 1.00

**Bookmark** ☐

Which of the following sports / sports summer sports in the Olympics?

(A) ○ Snowboard - (Alternative 4)
(B) ○ Carling - (Alternative 2)
(C) ○ Skeleton - (Alternative 3)
(D) ○ **Subdivision - (Alternative 1)**

**Question No.8** 1.00

**Bookmark** ☐

In which of the following sports / sports India won gold medal in the Olympics from 1928 to 1956?

(A) ○ Cricket - (Alternative 1)
(B) ○ Kabaddi - (Alternative 4)
(C) ○ बास्केटबॉल - (Alternative 3 )
(D) ○ **Hockey - (Alternative 2)**

**Question No.9** 1.00

**Bookmark** ☐

Which river is called the Singular Khamban?

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

**Question No.10** 1.00

**Bookmark** ☐

The Constitution of India refers to the budget as _____.

(A) ○ India contingency fund - (Alternative 4)
(B) ○ **Annual Financial Statement - (Optional 3)**
(C) ○ India's Public Account - (Alternative 1)
(D) ○ Consolidated Fund of India - (Alternative 2)

**Question No.11** 1.00

**Bookmark** ☐

What is the schedule of Indian Constitution related to anti-defection law?

(A) ○ Eighth Schedule - (Alternative 1)
(B) ○ **Tenth Schedule - (Alternative 4)**
(C) ○ Eleventh Schedule - (Alternative 2)
(D) ○ Ninth Schedule - (Alternative 3)

**Question No.12** 1.00

**Bookmark** ☐

Chief Election Commissioner is appointed-
(A) ○ By Vice President - (Alternative 4)
(B) ○ **By President - (Optional 3)**
(C) ○ By Prime - (Optional 1)
(D) ○ By Chief Justice of India - (Alternative 2)

**Question No.13** 1.00

**Bookmark** ☐

In which of the following movement did Gandhiji call for "do or die"?
(A) ○ Rowl Satyagrah - (Alternative 3)
(B) ○ **Quit India Movement - (Alternative 4)**
(C) ○ Civil Disobedience Movement - (Alternative 2)
(D) ○ Non-Cooperation Movement - (Optional 1)

**Question No.14** 1.00

**Bookmark** ☐

Which of the following area landslide is a high vulnerability area?
(A) ○ Kutch - (Alternative 2)
(B) ○ **Eucalyptus - (Alternative 3)**
(C) ○ Eastern Coastal Plains - (Alternative 4)
(D) ○ Rajasthan - (Alternative 1)

**Question No.15** 1.00

**Bookmark** ☐

Coral reefs are not found in which of the following marine regions?
(A) ○ Gulf of Kutch - (Alternative 2)
(B) ○ Pak Bay - (Alternative 4)
(C) ○ Bay of Mannar - (Alternative 3)
(D) ○ **Sunderbans - (Alternative 1)**

**Question No.16** 1.00

**Bookmark** ☐

Which of the following is popular folk dance of Gujarat?
(A) ○ Chhau - (Alternative 1)
(B) ○ Kalbelia - (Alternative 4)
(C) ○ Muffler - (Optional 3)
(D) ○ **Garba - (Alternative 2)**

**Question no.17** 1.00

**Bookmark** ☐

Which of the following ingredients is of sour taste and turns blue litmus into red?

(A) ○ Alkalies - (Alternative 1)
(B) ○ Alkali - (Alternative 4)
(C) ○ **Acid - (Alternative 3)**
(D) ○ Salts - (Alternative 2)

**Question No.18** 1.00

**Bookmark** ☐

When the material is cooled down under its critical temperature, which of the superconductor attains accidentally zero?

(A) ○ Voltage - (Optional 2)
(B) ○ **Resistance - (Alternative 1)**
(C) ○ Conductivity - (Optional 4)
(D) ○ Impedance - (Alternative 3)

**Question No.19** 1.00

**Bookmark** ☐

Which of the following sports / sports originated from ancient Japanese art Jujutsu?

(A) ○ Cricket - (Alternative 4)
(B) ○ Polo - (Alternative 1)
(C) ○ **Judo - (Alternative 3)**
(D) ○ Sambo - (Alternative 2)

**Question No.20** 1.00

**Bookmark** ☐

_____________ is a discrete packet of energy related to electromagnetic radiation (light), in which energy is E which is proportional to frequency of radiation v.

(A) ○ Electron - (Optional 1)
(B) ○ Thermion - (Alternative 4)
(C) ○ Neutron - (Alternative 3)
(D) ○ **Photon - (Alternative 2)**

**Question no.21** 1.00

**Bookmark** ☐

Which governor general prepared "the principle of lapsed" (or grab policy) in British India?

(A) ○ **Lord Dalhousie - (Alternative 1)**
(B) ○ Lord Curzon - (Alternative 3)
(C) ○ Lord Wareleley - (Alternative 4)
(D) ○ Lord Ripon - (Alternative 2)

**Question no.22** 1.00

**Bookmark** ☐

The right to form cooperative societies, a fundamental right has been provided in ____.

(A) ○ 79th Amendment Act, 2014 - (Alternative 2)
(B) ○ 45th Amendment Act, 2018 - (Alternative 3)

(C) ○ **97th Amendment Act, 2011 - (Optional 1)**
(D) ○ 16th Amendment Act, 2009 - (Alternative 4)

**Question no.23** 1.00
**Bookmark** ☐

Which of the following is the most electronegative element?
(A) ○ Bromine - (Alternative 3)
(B) ○ **Florin - (Alternative 1)**
(C) ○ Chlorine - (Alternative 2)
(D) ○ Iodine - (Alternative 4)

**Question no.24** 1.00
**Bookmark** ☐

Article of the Indian Constitution related to the Comptroller and Auditor General of India is-
(A) ○ Article 162 - (Alternative 3)
(B) ○ Article 123 - (Optional 1)
(C) ○ **Article 148 - (Alternative 2)**
(D) ○ Article 180 - (Alternative 4)

**Question No.25** 1.00
**Bookmark** ☐

Indian type of socialism is-
(A) ○ Republican Socialism - (Alternative 3)
(B) ○ Federal Communism - (Alternative 1)
(C) ○ **Democratic Socialism - (Alternative 2)**
(D) ○ Communist Socialism - (Alternative 4)

**Question no.26** 1.00
**Bookmark** ☐

Oak and chestnut trees are _______________.
(A) ○ Thorny Vegetation - (Alternative 4)
(B) ○ Mangrove Trees - (Alternative 1)
(C) ○ **Evergreen wide leafy trees - (Alternative 3)**
(D) ○ Tropical Evergreen Trees - (Alternative 2)

**Question no.27** 1.00
**Bookmark** ☐

How many styles of wrestling are there in the Olympics?
(A) ○ Three - (Optional 3)
(B) ○ **Two - (Optional 4)**
(C) ○ Nine-- (Optional 1)
(D) ○ Four - (Optional 2)

**Question no.28** 1.00
**Bookmark** ☐

Who was the founder of the Ahmadiya movement?

(A) ○ Syed Ahmed Khan - (Alternative 2)
(B) ○ Haji Shariatullah - (Alternative 1)
(C) ○ **Mirza Ghulam Ahmed - (Alternative 3)**
(D) ○ Mohammed Ali - (Alternative 4)

**Question no.29** 1.00

**Bookmark** ☐

Where did the Portuguese first arrive in India?
(A) ○ **Calicut - (Alternative 3)**
(B) ○ Appearance - (Alternative 4)
(C) ○ Cochin - (Alternative 1)
(D) ○ Ennore - (Alternative 2)

**Question No.30** 1.00

**Bookmark** ☐

Which instrument converts the alternating current into the direct current?
(A) ○ Inverter - (Optional 3)
(B) ○ **Rectifier - (Alternative 4)**
(C) ○ Capacitor - (Optional 1)
(D) ○ Transistor - (Alternative 2)

**Question No.31** 1.00

**Bookmark** ☐

The word 'fraternity' meant in the Indian Constitution means-
(A) ○ **The spirit of brotherhood - (Alternative 4)**
(B) ○ Feeling of being neighbor - (Alternative 2)
(C) ○ The spirit of diplomacy - (Alternative 3)
(D) ○ A sense of friendship - (Alternative 1)

**Question No.32** 1.00

**Bookmark** ☐

In which year did Viceroy Curzon announce the partition of Bengal?
(A) ○ 1919 - (Alternative 3)
(B) ○ 1885 - (Alternative 4)
(C) ○ **1905 - (Optional 1)**
(D) ○ 1858 - (Alternative 2)

**Question No.33** 1.00

**Bookmark** ☐

In summer, the seasonal movement of animals between high pastures and low valleys in winter is called-
(A) ○ Pastoralism - (Alternative 1)
(B) ○ **Transhumans - (Alternative 4)**
(C) ○ Flock of animals - (Alternative 3)
(D) ○ Accountability - (Alternative 2)

**Question No.34**

1.00

**Bookmark** ☐

Which of the following comets comes to Earth once every 76 years?

(A) ○ **Halley Comet - (Alternative 2)**
(B) ○ Comet NK - (Alternative 4)
(C) ○ Caesar's Comet - (Alternative 1)
(D) ○ Comet Borrelli - (Alternative 3)

**Question No.35**

1.00

**Bookmark** ☐

'National Sample Survey Office' (NSSO) is an office under ________________.

(A) ○ Statistical Survey Ministry - (Alternative 4)
(B) ○ Finance Mantralaya - (Alternative 1)
(C) ○ **Ministry of Statistics and Program Implementation - (Alternative 3)**
(D) ○ Ministry of Information, Communication and Broadcasting - (Alternative 2)

**Question No.36**

1.00

**Bookmark** ☐

Which of the following lake is also known as 'the only floating lake'?

(A) ○ Lake Chilika - (Alternative 3)
(B) ○ **Lake of Lake - (Alternative 4)**
(C) ○ Pushkar Lake - (Alternative 1)
(D) ○ Lake of Khajiyyar - (Alternative 2)

**Question No.37**

1.00

**Bookmark** ☐

Which of the following measures the proportion of the literate population in the age group of 7 years and above?

(A) ○ **Literacy rate - (Optional 1)**
(B) ○ Attendance Percent - (Optional 2)
(C) ○ Illiteracy rate - (Optional 4)
(D) ○ Net Attendance Ratio - (Optional 3)

**Question No.38**

1.00

**Bookmark** ☐

The mysterious Bermuda triangle is located in which of the following ocean?

(A) ○ Indian Ocean - (Alternative 3)
(B) ○ **The Atlantic Ocean - (Alternative 1)**
(C) ○ Arctic Ocean - (Alternative 4)
(D) ○ Pacific Ocean - (Alternative 2)

**Question No.39**

1.00

**Bookmark** ☐

The 'new public distribution system' (RPDS) was started in the year ________________.

(A) ○ 1984 - (Alternative 2)
(B) ○ **1992 - (Alternative 1)**

(C) ○ 1998 - (Optional 4)
(D) ○ 1974 - (Alternative 3)

**Question No.40** 1.00

**Bookmark** ☐

Is the full extension of the ICC
(A) ○ International Club Cricket - (Alternative 4)
(B) ○ International Cricket Association - (Alternative 3)
(C) ○ **International Cricket Council - (Alternative 2)**
(D) ○ Indian Club Council - (Alternative 1)

**Question No.41** 1.00

**Bookmark** ☐

The per capita income of the nation means-
(A) ○ **Revenue per person per year - (Optional 2)**
(B) ○ Income of a Rich Family - (Optional 4)
(C) ○ Revenue per household per year - (Optional 1)
(D) ○ Income of family with four persons - (Optional 3)

**Question No.42** 1.00

**Bookmark** ☐

In the revolt of 1859, in which the farmers of Bengal refused to produce Neel, it is known as __________.
(A) ○ **Neil Rebellion - (Alternative 2)**
(B) ○ Red Revolt - (Alternative 4)
(C) ○ Green Revolt - (Alternative 1)
(D) ○ Yellow Uprising - (Alternative 3)

**Question No.43** 1.00

**Bookmark** ☐

New words of 'socialist, secular and integrity' have been added in the preamble of the Constitution ____________________.
(A) ○ 21st Constitution Amendment, 1967 - (Alternative 4)
(B) ○ **42nd Constitution Amendment, 1976 - (Alternative 2)**
(C) ○ 44th Constitution Amendment, 1976 - (Alternative 1)
(D) ○ 25th Constitution Amendment, 1970 - (Alternative 3)

**Question no.44** 1.00

**Bookmark** ☐

What are the undesirable plants growing in the field?
(A) ○ **Weird - (Optional 4)**
(B) ○ Stem - (Optional 3)
(C) ○ Trees - (Alternative 2)
(D) ○ Crops - (Alternative 1)

**Question No.45** 1.00

**Bookmark** ☐

The famous painting "Dying Princess" is in which of the following caves?
(A) ○ Garden Caves - (Alternative 2)
(B) ○ Seatless Caves - (Alternative 3)
(C) ○ **Ajanta Caves - (Alternative 4)**
(D) ○ Ellora Caves - (Alternative 1)

**Question No.46** 1.00

**Bookmark** ☐

The characteristics of the "Fundamental Rights" are taken in ______.
(A) ○ Constitution of Canada - (Alternative 2)
(B) ○ Russian Constitution - (Alternative 3)
(C) ○ British Constitution - (Alternative 1)
(D) ○ **Constitution of the United States - (Alternative 4)**

**Question no.47** 1.00

**Bookmark** ☐

Which of the following Great Lakes is completely located in the United States?
(A) ○ Lake Ontario - (Alternative 4)
(B) ○ Lake Erie (Erie Lake) - (Alternative 1)
(C) ○ **Lake Michigan - (Alternative 3)**
(D) ○ Lake Huron - (Alternative 2)

**Question no.48** 1.00

**Bookmark** ☐

Each polynucleotide of DNA is made up of small units called ________________.
(A) ○ **Nucleotide - (Alternative 3)**
(B) ○ Nuclear membrane - (Alternative 4)
(C) ○ Nuclei - (Alternative 1)
(D) ○ न्यूक्लियस - (Alternative 2 )

**Question No.49** 1.00

**Bookmark** ☐

The word 'service' is related to which of the following games?
(A) ○ Kabaddi - (Alternative 3)
(B) ○ Chess - (Alternative 4)
(C) ○ **Badminton - (Alternative 2)**
(D) ○ Swimming - (Alternative 1)

**Question No.50** 1.00

**Bookmark** ☐

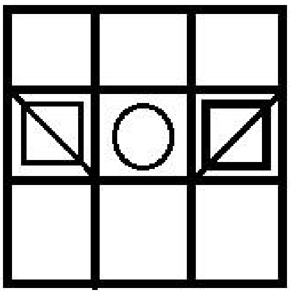
Which of the following is the world's largest tobacco producing country (currently)?
(A) ○ United States - (Alternative 1)
(B) ○ Russia - (Alternative 3)
(C) ○ **China - (Alternative 2)**
(D) ○ England - (Alternative 4)

**Question No.51**

1.00

**Bookmark** ☐

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



(A) ○ **8 - (Optional 2)**
(B) ○ 7 - (Optional 3)
(C) ○ 5 - (Optional 4)
(D) ○ 9 - (Optional 1)

**Question No.52**

1.00

**Bookmark** ☐

According to the logic used in the first pair, replace the question mark with the appropriate option
Q: X :: I: ??

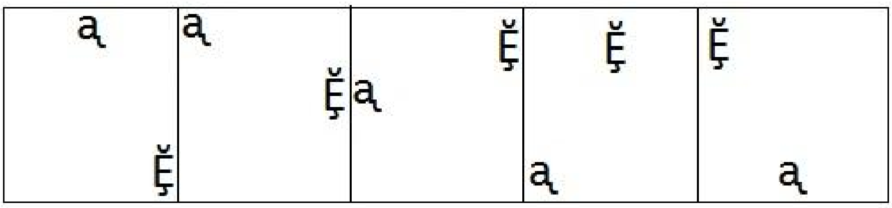
(A) ○ **P - (Alternative 1)**
(B) ○ S - (Alternative 4)
(C) ○ R - (Optional 3)
(D) ○ Q - (Optional 2)

**Question No.53**

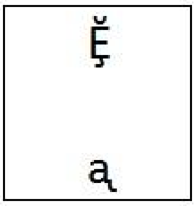
1.00

**Bookmark** ☐

Which of the options given for the given series will be the next picture?

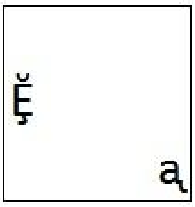


(A) ○



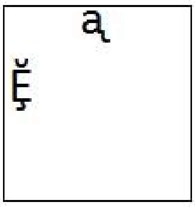
- (Optional 4)

(B) ○



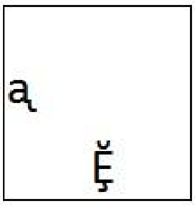
- (Optional 2)

(C) ○



- (Optional 1)

(D) ○



- (Optional 3)

**Question No.54** 1.00

**Bookmark** ☐

Four of the following five are somehow similar and therefore create a group. Which is not related to this group?

Z, X, L, I, Q

(A) ○ X - (Alternative 2)

(B) ○ Z - (Alternative 4)

(C) ○ L - (Alternative 1)

(D) ○ **Q - (Optional 3)**

**Question no.55** 1.00

**Bookmark** ☐

According to the logic used in the first pair, replace the question mark with the appropriate option given to
54023: 563 :: 37125: ??

(A) ○ 674 - (Alternative 2)
(B) ○ 676 - (Alternative 4)
(C) ○ **675 - (Optional 3)**
(D) ○ 673 - (Optional 1)

**Question no.56** 1.00

**Bookmark** ☐

Four of the following five are somehow similar and therefore create a group. Which is not related to this group?
Check, Examine, Inspect, Scrutinize, Ignore

(A) ○ **Ignore - (Alternative 4)**
(B) ○ Scrutinize - (Optional 3)
(C) ○ Inspect - (Alternative 2)
(D) ○ Examine - (Alternative 1)

**Question no.57** 1.00

**Bookmark** ☐

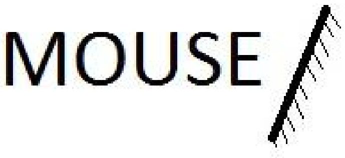
In any code language, if MARCH is coded as QEOGL, what will be the code of LOGIC in that language?

(A) ○ PSKMG - (Alternative 4)
(B) ○ **PSDMG - (Optional 2)**
(C) ○ PSEMG - (Alternative 3)
(D) ○ PSDNG - (Optional 1)

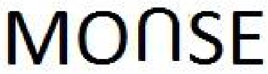
**Question no.58** 1.00

**Bookmark** ☐

If a mirror is placed on the shaded line, which of the following options is the correct image of the given shape?

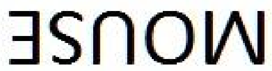


(A) ○



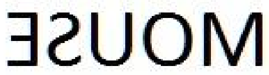
- (Optional 4)

(B) ○



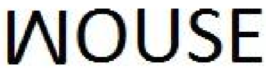
- (Optional 2)

(C) ○



- (Optional 3)

(D) ○



- (Optional 1)

**Question No.59** 1.00

**Bookmark** ☐

Carefully read the given information and answer the answers to the upcoming questions.
Six friends A, B, C, D, E, and F are sitting around a circular table facing the center, sitting in such a way that there is an equal space between each of them (not necessarily in this order) .
i) A and D are at the same distance from your left and right sides.
ii) E, which is sitting second from the right of D, is sitting in the second position from the left of F
iii) B is never sitting in front of E.

If 'A' changes its position with 'D' and with 'B', then who is sitting at the fourth position from the right side of F?

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

**Question No.60** 1.00

**Bookmark** ☐

In any code language, if IRON is code as 9181514, what will be the code of LOCK in that language?

(A) ○ 1214311 - (Optional 3)
(B) ○ 1315211 - (Optional 4)
(C) ○ **1215311 - (Optional 2)**
(D) ○ 1315311 - (Optional 1)

**Question No.61** 1.00

**Bookmark** ☐

Carefully read the given information and answer the answers to the upcoming questions.

Six friends A, B, C, D, E, and F are sitting around a circular table facing the center, sitting in such a way that there is an equal space between each of them (not necessarily in this order) .
i) A and D are at the same distance from your left and right sides.
ii) E, which is sitting second from the right of D, is sitting in the second position from the left of F
iii) B never sits in the opposite direction.

Who is sitting in front of F?

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

**Question No.62** 1.00

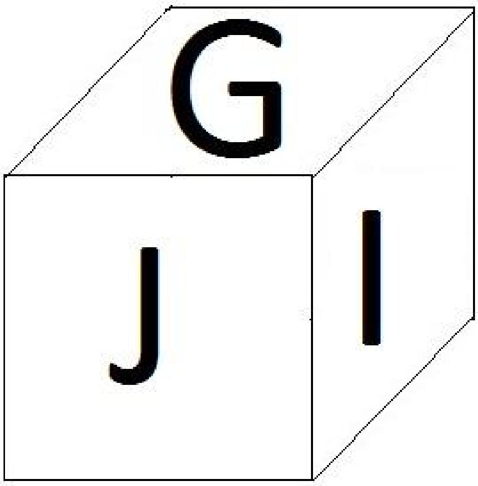
**Bookmark** ☐

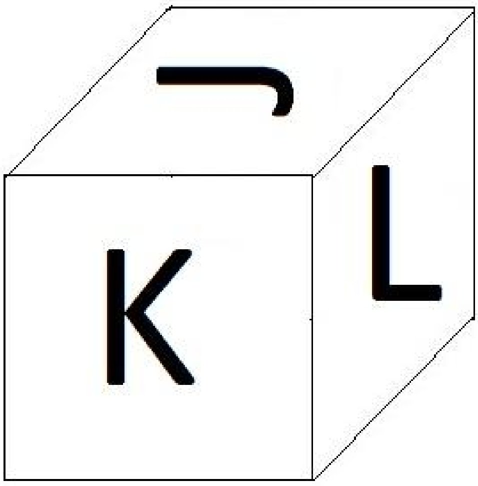
Find the next number of the series.
18, 39, 79, 91, 122,?
(A) ○ 153 - (Optional 3)
(B) ○ 133 - (Alternative 2)
(C) ○ **143 - (Alternative 4)**
(D) ○ 139 - (Optional 1)

**Question No.63** 1.00

**Bookmark** ☐

As shown in the given image, each part of the dice has been marked with 6 letters G, H, I, J, K and L. Which letter is in the opposite part of I?





(A) ○ **K - (Optional 1)**
(B) ○ L - (Alternative 2)
(C) ○ G - (Alternative 4)
(D) ○ J - (Alternative 3)

**Question No.64** 1.00

**Bookmark** ☐

A quote is given in this question after which a statement has been given. Read the quotation carefully and determine the statement based on the given quotation.
Amazon has acknowledged a case of data breach (data secrecy rule violation) related to highlighting users' names and email IDs, without giving details about the nature or scope of the event. However, the company has not disclosed the total number of users affected by the violation. An email has been sent to all affected users, which notifies them only about technical error. And now, this e-commerce giant is presently offering gift cards as compensation to people affected by their data breech. The Seattle headquarters e-commerce company has also offered gift cards between $ 5 to $ 100 for some of those users, who have been affected by this violation. In a publication citing an email correspondence between Amazon and the customer, Paul Gagnon said that when he called the customer service desk of the company and questioned the leaked data, the company gave him a promotional certificate worth $ 100. Offered to deliver. When Gaganone could not be told about the data being leaked, then he was offered $ 100 as an apology. Many people affected by Breach filed a complaint with the company but none of them got any response from the company till now. It is being said that Amazon customers and supervisors have been instructed to not comment or offer an offer on any kind of compensation to affected Amazon users. "

Statement: The headquarters of many e-commerce companies like Amazon is located in Seattle. .

select the appropriate option from the following options |
A-statement is definitely true.
B - The statement is probably true.
C-statement can not be determined.
D-statement is definitely false.

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

**Question No.65** 1.00

**Bookmark** ☐

A quote is given in this question after which a statement has been given. Read the quotation carefully and determine the statement based on the given quotation.
Amazon has acknowledged a case of data breach (data secrecy rule violation) related to highlighting users' names and email IDs, without giving details about the nature or scope of the event. However, the company has not disclosed the total number of users affected by the violation. An email has been sent to all affected users, which notifies them only about technical error. And now, this e-commerce giant is presently offering gift cards as compensation to people affected by their data breech. The Seattle headquarters e-commerce company has also offered gift cards between $ 5 to $ 100 for some of those users, who have been affected by this violation. In a publication citing an email correspondence between Amazon and the customer, Paul Gagnon said that when he called the customer service desk of the company and questioned the leaked data, the company gave him a promotional certificate worth $ 100. Offered to deliver. When Gaganone could not be told about the data being leaked, then he was offered $ 100 as an apology. Many people affected by Breach filed a complaint with the company but none of them got any response from the company till now. It is being said that Amazon customer service supervisors have been instructed to not comment or offer an offer on any kind of compensation to affected Amazon users. "

Statement: Data Breach (Data Privacy Rule Violation) has left only a few Taxes have not exposed the usernames and email IDs of all Amazon users.
Select one of the following options, the appropriate option.
A-statement is definitely true.
B - The statement is probably true.
C-statement can not be determined.
D-statement is definitely false.

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

**Question No.66** 1.00

**Bookmark** ☐

Find the next number of the series.
9, 34, 59, 84, 109,?
(A) ○ 138 - (Optional 3)
(B) ○ 150 - (Optional 4)
(C) ○ 130 - (Optional 1)
(D) ○ **134 - (Alternative 2)**

**Question No.67** 1.00

**Bookmark** ☐

In this question, after a statement i and ii two conclusions have been given. Considering the statement as truth, consider both the findings together and decide that based on the information given in the statement, which of these conclusions is logically logical beyond any doubt.
Statement: Unemployment allowance is given to all unemployed people over 18 years of age. Raj is 18 years old.

Conclusion:
i) Raj is unemployed
ii) Raj receives unemployment allowance.

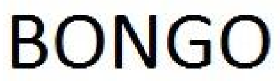
Select one of the following options, appropriate option.
(A) Only conclusions i is logical
(B) only conclusions ii logical
(C) either the conclusions i or ii is rational
(D) neither the conclusions ii nor rational ii
(E) conclusions i and ii are both logical

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

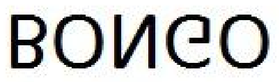
**Question No.68** 1.00

**Bookmark** ☐

Select the correct water image of the given picture from the following options:

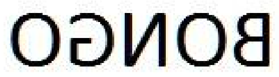


(A) ○



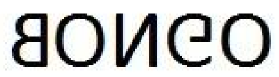
- (Optional 4)

(B) ○



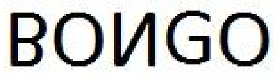
- (Optional 1)

(C) ○



- (Optional 3)

(D) ○



- (Optional 2)

**Question No.69** 1.00

**Bookmark** ☐

Pointing to a man's picture, a boy said, "He is the husband of the only daughter of Father-in-Law of my mother's brother." How is the man related to the boy?

(A) ○ Grandfather - (Alternative 2)

(B) ○ **Father - (Optional 4)**

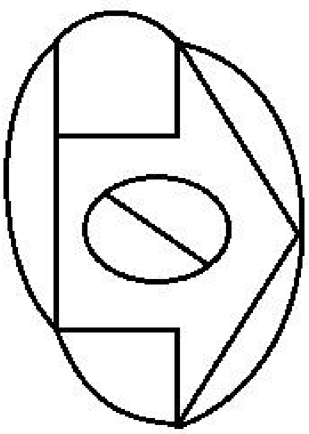
(C) ○ Cage - (Alternative 1)

(D) ○ Brother - (Alternative 3)

**Question No.70** 1.00

**Bookmark** ☐

How many simple lines are there in the given picture?



(A) ○ 9 - (Optional 2)

(B) ○ **10 - (Optional 4)**

(C) ○ 11 - (Optional 3)

(D) ○ 12 - (Optional 1)

**Question No.71** 1.00

**Bookmark** ☐

In this question, after a statement i and ii two conclusions have been given. Considering the statement as truth, consider both the findings together and decide that based on the information given in the statement, which of these conclusions is logically logical beyond any doubt.

Statement: There are all Lorry Trucks. There is no lorry scooter.

Conclusion:
i) There are some truck lorries.
ii) No truck scooter.

Select one of the following options, appropriate option.
(A) Only conclusions i is logical
(B) only conclusions ii logical
(C) either the conclusions i or ii is rational
(D) neither the conclusions ii nor rational ii
(E) conclusions i and ii are both logical

(A) ○ E - (Alternative 4)

(B) ○ C - (Alternative 3)

(C) ○ B - (Alternative 2)

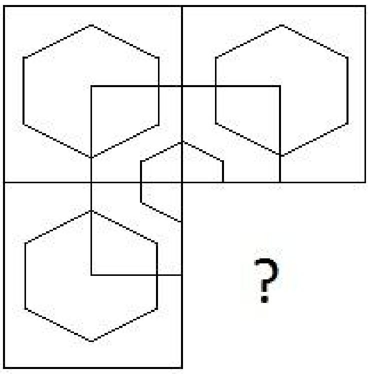
(D) ○ **A - (Alternative 1)**

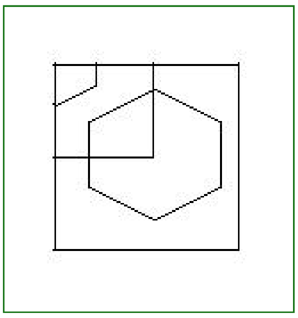
**Question No.72**

1.00

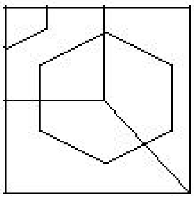
**Bookmark** ☐

Choose the correct option that can meet the image pattern of the given image.

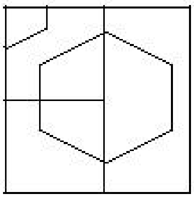


(A) ○  - (Optional 3)

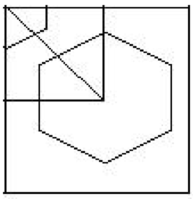
(B) ○

 - (Optional 1)

(C) ○

 - (Optional 4)

(D) ○



- (Optional 2)

**Question No.73** 1.00

**Bookmark** ☐

Carefully read the given information and answer the answers to the upcoming questions.
Six friends A, B, C, D, E, and F are sitting around a circular table facing the center, sitting in such a way that there is an equal space between each of them (not necessarily in this order) .
i) A and D are at the same distance from your left and right sides.
ii) E, which is second to the right of D, is second to the left of F.
iii) B never sits in the opposite direction.

Who is sitting from the left side of the person who is sitting at the third position from the right side of A?

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

**Question No.74** 1.00

**Bookmark** ☐

In this question, the relation between the various elements is shown in the statement. After the statement, two conclusions are given:
Statement: C <O ≤ M = I> N ≥ G

Conclusion:
i) C <i
ii) O> N

Select one of the following options.
(A) Only conclusions i is logical
(B) only conclusions ii logical
(C) either the conclusions i or ii is rational
(D) neither the conclusions ii nor rational ii
(E) conclusions i and ii are both logical

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

**Question No.75** 1.00

**Bookmark** ☐

According to the logic used in the first pair, replace the question mark with the appropriate option
: Host :: Aircraft :: Receptionist: ??

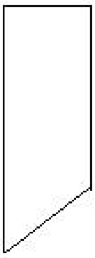
(A) ○ **Office - (Alternative 3)**

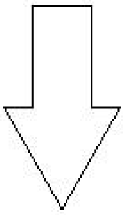
(B) ○ Singer - (Alternative 2)
(C) ○ Photographer - (Alternative 4)
(D) ○ Dancer - (Alternative 1)

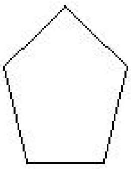
**Question No.76** 1.00

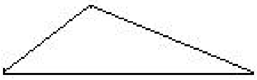
**Bookmark** ☐

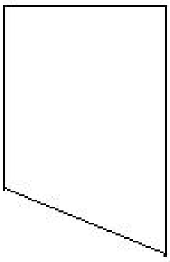
Select the correct option from the following options which could create a full square (3 out of 5 pictures below):


1


2


3


4


5

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

**Question No.77** 1.00

**Bookmark** ☐

In this question, three conclusions have been given after three statements. Considering the statement as truth, consider both the findings together and decide that based on the information given in the statement, which of these conclusions is logically logical beyond any doubt.
Statement: Some books are pens. All pen pencils are there. There are some pencil erasers.

Conclusion:
i) There are some pencil books.
ii) There are some pen erasers.
iii) Some books are erasers.
(A) ○ **Only i) - (Optional 1)**
(B) ○ Only i) and iii) - (Optional 2)
(C) ○ Only ii) and iii) - (optional 3)
(D) ○ All are rational - (Alternative 4)

**Question No.78** 1.00

**Bookmark** ☐

Find the next number of the series.
9, 45, 90, 450, 900,?
(A) ○ 4300 - (Optional 3)
(B) ○ 3500 - (Optional 4)
(C) ○ 4000 - (Alternative 2)
(D) ○ **4500 - (Optional 1)**

**Question No.79** 1.00

**Bookmark** ☐

In this question, there are three statements showing the relationship, after which i, ii and iii have been given three conclusions. Let the statement be considered true, to find out which conclusion is definitely true.

Statement: C <O ≤ N; N = T> E; E> X ≥ S

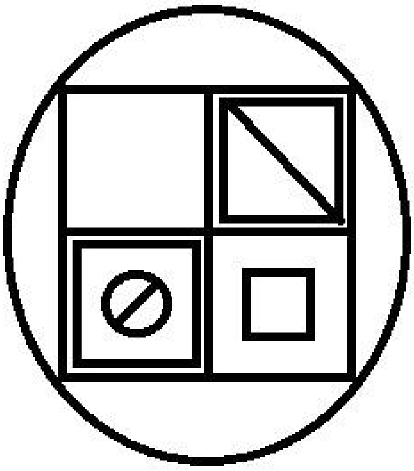
Conclusion:
i) C <T
ii) O <E
iii) T ≤ S

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

**Question No. 80** 1.00

**Bookmark** ☐

How many classes are there in given picture?



(A) ○ 10 - (Optional 4)
(B) ○ **8 - (Optional 1)**
(C) ○ 7 - (Optional 2)
(D) ○ 6 - (Optional 3)

**Question No.81** 1.00

**Bookmark** ☐

Find the next number of the series.
59, 57, 54, 49, 42,?

(A) ○ 29 - (Optional 2)
(B) ○ 27 - (Optional 1)
(C) ○ **31 - (Optional 3)**
(D) ○ 33 - (Optional 4)

**Question No.82** 1.00

**Bookmark** ☐

P is the sister of S, who is T's father. M is the mother of N, who is T's brother. How M is related to P?

(A) ○ **Sister-in-law - (Alternative 3)**
(B) ○ Sister - (Alternative 2)
(C) ○ Mother - (Alternative 1)
(D) ○ Cage - (Alternative 4)

**Question no.83** 1.00

**Bookmark** ☐

Four of the following five are somehow similar and therefore create a group. Which is not related to this group?
LB, TJ, XC, OE, MC

(A) ○ OE - (Optional 1)
(B) ○ TJ - (Alternative 2)
(C) ○ MC - (Alternative 4)
(D) ○ **XC - (Alternative 3)**

**Question no.84** 1.00

**Bookmark** ☐

Conform with the appropriate option given to the question mark according to the logic used in the first pair.
Concert: Musician :: Play: ??

(A) ○ Bike - (Alternative 4)
(B) ○ **Actor - (Alternative 2)**
(C) ○ Bag - (Alternative 1)
(D) ○ Ink - (Alternative 3)

**Question no.85** 1.00

**Bookmark** ☐

Read the following statements and answer the following question.

A4B means A is the mother of A,
A3B means A is the father
of A, B is
A5B, meaning A is the sister of A, A7B means that A is the brother of A, in the

equation P5Q3R3S, what is the type from P, S Related?

(A) ○ Mother - (Alternative 4)
(B) ○ Grandfather - (Alternative 2)
(C) ○ **Grandant - (Alternative 1)**
(D) ○ Aunt - (Alternative 3)

**Question no.86** 1.00

**Bookmark** ☐

The ratio of arms to a quadratic area is 2: 3: 4: 5 and the circumference is 616 cm. Find out the smallest arm. (In cm)

(A) ○ 84 - (Alternative 4)
(B) ○ **88 - (Alternative 2)**
(C) ○ 86 - (Optional 3)
(D) ○ 90 - (Optional 1)

**Question No.87**

1.00

**Bookmark** ☐

If the 5831 divided by 9, what will be the remainder?

(A) ○ 4 - (Optional 2)
(B) ○ **8 - (Optional 1)**
(C) ○ 2 - (Optional 3)
(D) ○ 0 - (Optional 4)

**Question no.88**

1.00

**Bookmark** ☐

95 out of a box of 125 detergent soaps is used. What percentage of the detergent soap is left in the box? (% In)

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

**Question No.89**

1.00

**Bookmark** ☐

When an item is sold for Rs. 493, then there is a loss of 15%. Find the purchase price of the item. (In rupees)

(A) ○ **580 - (Optional 4)**
(B) ○ 540 - (Alternative 2)
(C) ○ 520 - (Optional 1)
(D) ○ 560 - (Optional 3)

**Question No.90**

1.00

**Bookmark** ☐

The price of LPG cylinder has increased from Rs 676 to Rs 845. What percentage of consumption should be reduced that the amount spent on LPG cylinders remains the same. (% In)

(A) ○ **20 - (Optional 1)**
(B) ○ 30 - (Optional 3)
(C) ○ 35 - (Optional 4)
(D) ○ 25 - (Optional 2)

**Question No.91**

1.00

**Bookmark** ☐

The value of the piece of metal has increased from Rs 390 to Rs 468. Find the percentage increase. (% In)

(A) ○ 15 - (Optional 1)

(B) ○ **20 - (Optional 2)**
(C) ○ 25 - (Optional 3)
(D) ○ 30 - (Optional 4)

**Question No.92** 1.00

**Bookmark** ☐

The ratio of pen, pencil and eraser to a box is 3: 2: 1. If pen, pencil and eraser prices are Rs 3, 2 rupees and 2 rupees respectively and the amount spent on the box is Rs 630, then find out the number of pen in the box.

(A) ○ 122 - (Optional 3)
(B) ○ 120 - (Optional 4)
(C) ○ 124 - (Optional 2)
(D) ○ **126 - (Optional 1)**

**Question No.93** 1.00

**Bookmark** ☐

One shopkeeper bought one thing for Rs 228 and sold it for Rs 285. Find out the profit percentage earned by the shopkeeper (in%)

(A) ○ 35 - (Optional 4)
(B) ○ 30 - (Optional 3)
(C) ○ 20 - (Optional 1)
(D) ○ **25 - (Optional 2)**

**Question No.94** 1.00

**Bookmark** ☐

Simplify:

$$\sqrt{(159-\sqrt{(244-\sqrt{(375-\sqrt{196})})})}$$

(A) ○ 14 - (Optional 3)
(B) ○ 16 - (Optional 4)
(C) ○ 13 - (Optional 2)
(D) ○ **12 - (Optional 1)**

**Question No.95** 1.00

**Bookmark** ☐

Simplify:

$$82-[36-(120\div6-(46-64\div2)\div14)]$$

(A) ○ **65 - (Optional 1)**
(B) ○ 36 - (Optional 4)
(C) ○ 50 - (Optional 3)

(D) ○ 67 - (Optional 2)

**Question No.96** 1.00

**Bookmark** ☐

The ratio of alpha and beta to age is 2: 5. If the sum of their age is 273, then find the difference between their age.

(A) ○ 118 - (Optional 3)
(B) ○ 119 - (Alternative 2)
(C) ○ **117 - (Optional 4)**
(D) ○ 120 - (Optional 1)

**Question No.97** 1.00

**Bookmark** ☐

Simplify:

$$(21\times8\times21\times8)\div(2(\sqrt{64\div2}))^2$$

(A) ○ **441 - (Alternative 4)**
(B) ○ 484 - (Optional 3)
(C) ○ 144 - (Optional 1)
(D) ○ 324 - (Alternative 2)

**Question No.98** 1.00

**Bookmark** ☐

The printed value on the book is Rs 4300, a book seller offers a 10% discount on it. If he still earns a profit of 20%, then the purchase price of the book (in rupees) is-

(A) ○ 3,255 - (Optional 4)
(B) ○ 3,245 - (Optional 3)
(C) ○ **3,225 - (Optional 1)**
(D) ○ 3,235 - (Alternative 2)

**Question No.99** 1.00

**Bookmark** ☐

A train takes 39 seconds to cross a signal, which is at one end of a bridge of 473 meters long. If the train takes 82 seconds to cross the bridge, then know the length of the train? (In meters)

(A) ○ 423 - (Alternative 4)
(B) ○ 427 - (Alternative 2)
(C) ○ **429 - (Optional 1)**
(D) ○ 425 - (Optional 3)

**Question No.100** 1.00

**Bookmark** ☐

The first lap of the Franklin race completes 600 miles per hour and the second lap of the race completes at 900 miles per hour. First, find the average speed of both laps. (mph-miles per hour)

(A) ○ 726 - (Optional 3)
(B) ○ 724 - (Alternative 2)
(C) ○ **720 - (Optional 1)**
(D) ○ 728 - (Alternative 4)

**Question No.101** 1.00

**Bookmark** ☐

In order to be successful in the competition, Germillin has an average score of 75 in four exams. The marks obtained by him in the first three examinations are 75, 71 and 67. To succeed in the competition, how many points should he take in the fourth test?

(A) ○ 89 - (Optional 3)
(B) ○ 90 - (Alternative 4)
(C) ○ **87 - (Optional 1)**
(D) ○ 88 - (Alternative 2)

**Question No.102** 1.00

**Bookmark** ☐

Interest earned after 5 years on simple interest of 12% per annum on a fixed amount is Rs 5,880. Find out the amount invested. (In rupees)

(A) ○ **9,800 - (Alternative 3)**
(B) ○ 9,750 - (Optional 2)
(C) ○ 9,850 - (Optional 4)
(D) ○ 9,700 - (Optional 1)

**Question No.103** 1.00

**Bookmark** ☐

Get a different value of X = 0.47474747 ... X

(A) ○ **47/99 - (Optional 4)**
(B) ○ 48/99 - (Optional 2)
(C) ○ 46/90 - (Optional 3)
(D) ○ 48/90 - (Optional 1)

**Question No.104** 1.00

**Bookmark** ☐

Get the value of X:

$$\sqrt{(140-x)} = \sqrt{(12+\sqrt{169})}$$

(A) ○ 245 - (Alternative 4)
(B) ○ 425 - (Optional 3)

(C) ○ **115 - (Optional 2)**

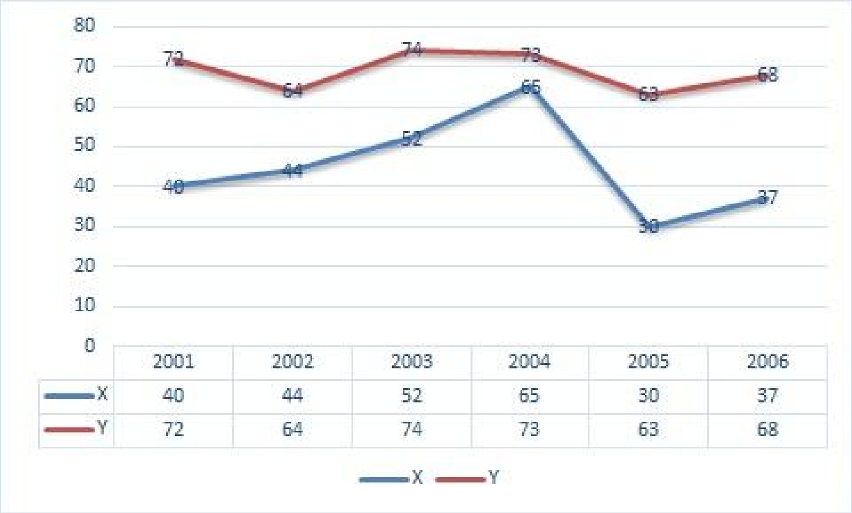
(D) ○ 135 - (Optional 1)

**Question No.105** 1.00

**Bookmark** ☐

Instructions.
Study the following graphs and answer the question based on this.
From 2001 to 2006, the number of vehicles manufactured by X and Y companies (in thousands)

is the difference between the number of vehicles manufactured by the X company in 2001 and 2002?



| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---|---|---|---|---|---|
| X | 40 | 44 | 52 | 65 | 30 | 37 |
| Y | 72 | 64 | 74 | 73 | 63 | 68 |

(A) ○ 6 - (Optional 4)

(B) ○ **4 - (Optional 2)**

(C) ○ 5 - (Optional 3)

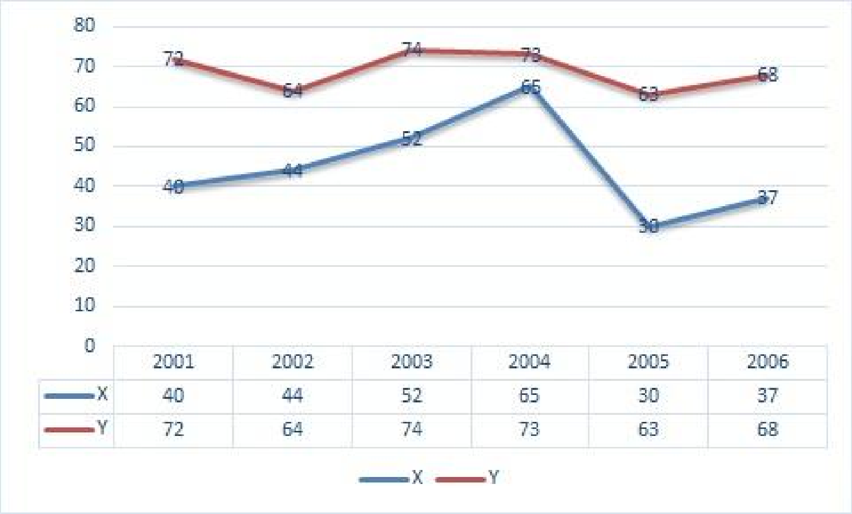
(D) ○ 3 - (Optional 1)

**Question No.106** 1.00

**Bookmark** ☐

Instructions.
Study the following graphs and answer the question based on this.
From 2001 to 2006, the number of vehicles manufactured by X and Y companies (in thousands)

make the difference between the total production of both companies in the given years.



| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---|---|---|---|---|---|
| X | 40 | 44 | 52 | 65 | 30 | 37 |
| Y | 72 | 64 | 74 | 73 | 63 | 68 |

(A) ○ 152 - (Optional 4)
(B) ○ 150 - (Optional 3)
(C) ○ **146 - (Alternative 1)**
(D) ○ 148 - (Alternative 2)

**Question No.107** 1.00

**Bookmark** ☐

The average weight of eleven players' state-level cricket team is 106 kg. When the coach is added then the average weight increases to 1 kg. What is the weight of the coach? (in kg)

(A) ○ 114 - (Optional 4)
(B) ○ 120 - (Optional 1)
(C) ○ 116 - (Optional 3)
(D) ○ **118 - (Alternative 2)**

**Question No.108** 1.00

**Bookmark** ☐

Which of the following is divisible by 15?

(A) ○ 18565 - (Optional 1)
(B) ○ **18510 - (Optional 3)**
(C) ○ 18430 - (Alternative 2)
(D) ○ 18520 - (Alternative 4)

**Question No.109** 1.00

**Bookmark** ☐

The average of 7 numbers is 149. By removing a number, the average remains the same. Find out the extracted number.

(A) ○ 145 - (Optional 2)
(B) ○ 147 - (Alternative 3)
(C) ○ **149 - (Alternative 4)**
(D) ○ 143 - (Optional 1)

**Question no.110** 1.00

**Bookmark** ☐

What is the amount of money invested after 4 years at the rate of simple interest rate of 13% per annum invested at 4,950 rupees. (In rupees)

(A) ○ **7,524 - (Optional 1)**
(B) ○ 7,624 - (Alternative 2)
(C) ○ 7,824 - (Optional 4)
(D) ○ 7,724 - (Optional 3)

**Question No.111** 1.00

**Bookmark** ☐

25% of 66.67% of 75% of 80% of a number is 6355. Find 40% of that number.

(A) ○ 24420 - (Alternative 2)
(B) ○ **25420 - (Optional 3)**
○

(C) 26420 - (Optional 4)
(D) ○ 23420 - (Optional 1)

**Question no.112** 1.00

**Bookmark** ☐

The smallest number of two numbers (LCM) is 126 and their maximum consonant (HCF) is 21. If a number is 126, find the second number.

(A) ○ **21 - (Optional 1)**
(B) ○ 35 - (Optional 4)
(C) ○ 42 - (Optional 3)
(D) ○ 25 - (Optional 2)

**Question No.113** 1.00

**Bookmark** ☐

Trains running at a speed of 57 meters / second cross a signal in 12 seconds. Find out the length of the train. (In meters)

(A) ○ 714 - (Alternative 4)
(B) ○ 704 - (Optional 3)
(C) ○ **684 - (Optional 2)**
(D) ○ 664 - (Optional 1)

**Question No.114** 1.00

**Bookmark** ☐

A certain amount is divided into 2 parts in the ratio of 6: 5. If the first part is 264 rupees. Find out the total amount. (In rupees)

(A) ○ 486 - (Alternative 2)
(B) ○ 488 - (Optional 3)
(C) ○ 490 - (Alternative 4)
(D) ○ **484 - (Optional 1)**

**Question No.115** 1.00

**Bookmark** ☐

Find the area of an equilateral triangle with a side of 102 cm. (in $cm^2$)

(A) ○ **2601√3 - (Optional 2)**
(B) ○ 2691√3 - (Optional 1)
(C) ○ 2661√3 - (Optional 3)
(D) ○ 2631√3 - (Optional 4)

**Question no.116** 1.00

**Bookmark** ☐

The width of a rectangle is 215 cm and its diagonal is 559 cm. Find out its dimensions. (in cm)

(A) ○ 1762 - (Alternative 2)
(B) ○ **1462 - (Optional 4)**
(C) ○ 1862 - (Alternative 1)
(D) ○ 1562 - (Optional 3)

**Question No.117** 1.00

**Bookmark** ☐

One shopkeeper bought one thing in Rs 420 and sold it for Rs 336. Find out the loss percentage of the shopkeeper. (% In)

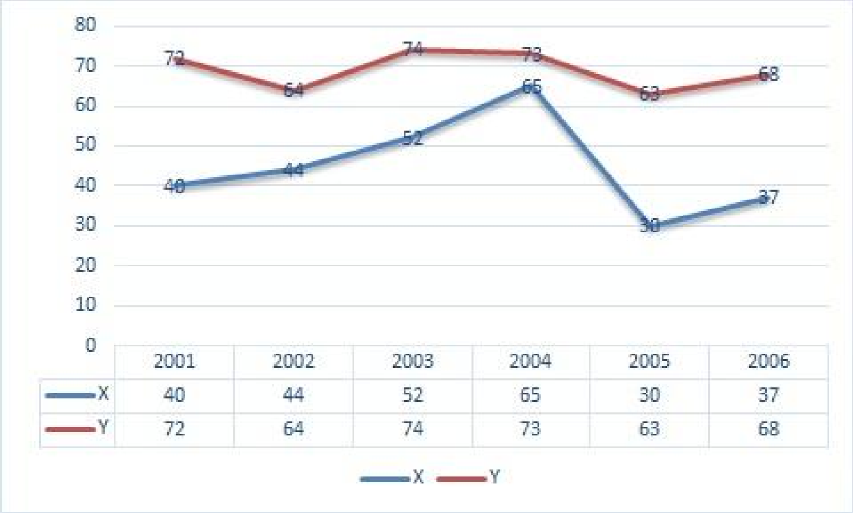
(A) ○ 25 - (Optional 2)
(B) ○ 35 - (Optional 4)
(C) ○ 30 - (Optional 3)
(D) ○ **20 - (Optional 1)**

**Question no.118** 1.00

**Bookmark** ☐

Instructions.
Study the following graphs and answer the question based on this.
From 2001 to 2006, the number of vehicles manufactured by X and Y companies (in thousands)

during which years was the difference between production of company X and company Y?



| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---|---|---|---|---|---|
| X | 40 | 44 | 52 | 65 | 30 | 37 |
| Y | 72 | 64 | 74 | 73 | 63 | 68 |

(A) ○ 2002 - (Alternative 1)
(B) ○ 2005 - (Alternative 4)
(C) ○ 2003 - (Alternative 2)
(D) ○ **2004 - (Alternative 3)**

**Question No.119** 1.00

**Bookmark** ☐

What will be the amount after the period of 2 years at the compound interest rate of 10% per year at 17200 rupees? (In rupees)

(A) ○ 22,812 - (Optional 3)
(B) ○ 23,812 - (Optional 4)
(C) ○ **20,812 - (Optional 1)**
(D) ○ 21,812 - (Optional 2)

**Question No.120** 1.00

**Bookmark** ☐

Find the area of a square of 97 cm and 98 cm diagonally. (in $cm^2$)

(A) ○ **4753 - (Optional 3)**
(B) ○ 4853 - (Alternative 4)

(C) ○ 4653 - (Alternative 2)
(D) ○ 4553 - (Optional 1)