Section 1 - Online Examination

Question No.1   1.00

Bookmark ☐

The main objective of the industry base Memorandum Scheme is _____.
(A) ○ Encouraging entrepreneurship and promoting start-up - (Alternative 3)
(B) ○ Facilitating a relationship between future job seekers and employers - (Alternative 1)
(C) ○ **Promote ease of doing business - (Alternative 4)**
(D) ○ Setting up a network of technology and emerging centers - (Alternative 2)

Question No.2   1.00

Bookmark ☐

Trans-Siberian Railway connects St Petersburg to _____.
(A) ○ Kaliningrad - (Alternative 3)
(B) ○ Volgograd - (Alternative 1)
(C) ○ Sochi - (Alternative 2)
(D) ○ **Vladivostok - (Alternative 4)**

Question No.3   1.00

Bookmark ☐

Mahmud Begda was a famous sultan of which famous empire?
(A) ○ Jaunpur - (Alternative 3)
(B) ○ Malwa - (Alternative 4)
(C) ○ **Gujarat - (Alternative 2)**
(D) ○ Bengal - (Alternative 1)

Question No.4   1.00

Bookmark ☐

Which statement is not correct with respect to the goods and services tax (GST)?
(A) ○ Integrated GST will be levied on inter-state goods and services transactions. - (Optional 2)
(B) ○ **The concept of declared goods of special importance was abated - (Alternative 3)**
(C) ○ States will get compensation for five years for loss of revenue - (Alternative 4)
(D) ○ GST will be collected by VAT method - (Optional 1)

Question No.5   1.00

Bookmark ☐

What is the unit of kinetic visibility?
(A) ○ Candela - (Optional 1)
(B) ○ **Poise - (Alternative 2)**
(C) ○ Watts - (Optional 4)

(D) ○ Pascal - (Alternative 3)

Question No.6   1.00

Bookmark ☐

Which of the following continents is also known by the name 'The Dark Continent'?
(A) ○ Australia - (Alternative 4)
(B) ○ **Africa - (Alternative 2)**
(C) ○ Europe - (Alternative 3)
(D) ○ Asia - (Alternative 1)

Question No.7   1.00

Bookmark ☐

What is the mineral deposited in the soil of the lower hills and valleys in the sand?
(A) ○ Load Deposit - (Optional 2)
(B) ○ **Placeer Deposit - (Optional 1)**
(C) ○ Wayne Deposit - (Optional 4)
(D) ○ Layered Deposit - (Optional 3)

Question No.8   1.00

Bookmark ☐

Greenland falls under which of the following continents?
(A) ○ **North America - (Alternative 2)**
(B) ○ Asia - (Alternative 3)
(C) ○ Europe - (Alternative 1)
(D) ○ Antarctica - (Alternative 4)

Question No.9   1.00

Bookmark ☐

How many days are organized for the modern Olympic Games?
(A) ○ **16 Days - (Optional 1)**
(B) ○ 30 days - (Optional 3)
(C) ○ 45 days - (Optional 4)
(D) ○ 21 days - (Optional 2)

Question No.10   1.00

Bookmark ☐

The ravines are generally found in which river basin of India?
(A) ○ Periyar - (Alternative 4)
(B) ○ **Chambal - (Alternative 3)**
(C) ○ Kaveri - (Alternative 1)
(D) ○ VaiGi - (Alternative 2)

Question No.11   1.00

Bookmark ☐

Which of the following is the rainiest place in the world?
(A) ○ Karup River - (Alternative 1)

(B) ○ Trunky - (Alternative 3)

(C) ○ Animeidi - (Alternative 4)

(D) ○ **Monsoon - (Alternative 2)**

Question No.12   1.00

Bookmark ☐

Who has been presided over the first three-member commission for determining the relationship between the Center and the State?

(A) ○ Veerappa Moily - (Alternative 4)

(B) ○ MM Punchhi - (Alternative 2)

(C) ○ P.V. Rajamannar - (Alternative 3)

(D) ○ **R S. Sarkaria - (Alternative 1)**

Question No.13   1.00

Bookmark ☐

The term "relay" is related to _____

(A) ○ Throwing - (Alternative 2)

(B) ○ **Running - (Optional 3)**

(C) ○ Fencing - (Alternative 4)

(D) ○ Weightlifting - (Alternative 1)

Question No.14   1.00

Bookmark ☐

How many languages are currently approved in the Indian Constitution?

(A) ○ 21 - (Optional 4)

(B) ○ 24 - (Optional 2)

(C) ○ 26 - (Optional 3)

(D) ○ **22 - (Optional 1)**

Question No.15   1.00

Bookmark ☐

Which of the following states celebrates Hornbill festival every year?

(A) ○ Manipur - (Alternative 2)

(B) ○ **Nagaland - (Alternative 4)**

(C) ○ Assam - (Alternative 3)

(D) ○ Sikkim - (Alternative 1)

Question No.16   1.00

Bookmark ☐

In which article is the provision of setting up the Finance Commission in the form of a semi-judicial body?

(A) ○ Article 3 - (Optional 3)

(B) ○ **Article 280 - (Alternative 2)**

(C) ○ Article 101 - (Optional 4)

(D) ○ Article 279 - (Optional 1)

Question no.17

1.00

Who is the Chairman of the Policy (NITI) Commission?
(A) ○ **Prime Minister - (Alternative 2)**
(B) ○ Finance Secretary - (Alternative 3)
(C) ○ Cabinet Secretary - (Alternative 4)
(D) ○ Finance Minister - (Alternative 1)

Question No.18

1.00

Who wrote the famous book work formula?
(A) ○ Kalidas - (Alternative 1)
(B) ○ Vasumitra - (Alternative 2)
(C) ○ Mahakashyap - (Alternative 4)
(D) ○ **Vatsyaayan - (Alternative 3)**

Question No.19

1.00

Who searched the X-ray?
(A) ○ Johann Wilhelm Ritter - (Optional 1)
(B) ○ **Wilhelm Conrad Röntgen - (Alternative 2)**
(C) ○ Antoine Henry Bekural - (Alternative 4)
(D) ○ Isaac Newton - (Alternative 3)

Question No.20

1.00

Converting a large punishment to light sentence is called-
(A) ○ **Shortening - (Optional 4)**
(B) ○ Forgive - (Alternative 1)
(C) ○ Expiration - (Optional 3)
(D) ○ Punishment - (Alternative 2)

Question no.21

1.00

What is the specialty of making carbon covalent bond with carbon atoms through carbon?
(A) ○ Electrification - (Alternative 4)
(B) ○ Ionization - (Optional 1)
(C) ○ Electrolysis - (Alternative 3)
(D) ○ **Chaining - (Alternative 2)**

Question no.22

1.00

When was the first inter-state council formed?
(A) ○ 1993 - (Alternative 4)
(B) ○ **1990 - (Optional 1)**
(C) ○ 1991 - (Alternative 2)

(D) ○ 1997 - (Optional 3)

Question no.23   1.00

                                                    Bookmark ☐

In which of the following states are the Lepakshi Temple situated?
(A) ○ Kerala - (Alternative 3)
(B) ○ Karnataka - (Alternative 2)
(C) ○ **Andhra Pradesh - (Alternative 1)**
(D) ○ Tamil Nadu - (Alternative 4)

Question no.24   1.00

                                                    Bookmark ☐

Which of the following options is not a personal game?
(A) ○ Lambuid - (Alternative 2)
(B) ○ Sprint - (Alternative 1)
(C) ○ Marathon - (Alternative 4)
(D) ○ **Kho-Kho - (Alternative 3)**

Question No.25   1.00

                                                    Bookmark ☐

Who gave the slogan "Jai Jawan Jay Kisan"?
(A) ○ Sardar Vallabh Bhai Patel - (Alternative 1)
(B) ○ Indira Gandhi - (Alternative 4)
(C) ○ Lalhar Lal Nehru - (Alternative 2)
(D) ○ **Lal Bahadur Shastri - (Alternative 3)**

Question no.26   1.00

                                                    Bookmark ☐

In which financial year India signed the Extended Fund Facility Agreement with the IMF?
(A) ○ 2011-12 - (Alternative 4)
(B) ○ **1981-82 - (Alternative 2)**
(C) ○ 1991-92 - (Optional 1)
(D) ○ 2001-02 - (Alternative 3)

Question no.27   1.00

                                                    Bookmark ☐

An event in which hot sea waves flowing from the Peruvian coastal region is called -.
(A) ○ Indian Ocean Dipole - (Alternative 3)
(B) ○ **El Nino - (Alternative 1)**
(C) ○ Madden-Julian Oscillation - (Alternative 4)
(D) ○ La Nina - (Alternative 2)

Question no.28   1.00

                                                    Bookmark ☐

Khashaba Jadhav, a famous player, belongs to which game?
(A) ○ Shooting - (Alternative 3)

(B) ○ **Wrestling - (Alternative 2)**
(C) ○ Hockey - (Alternative 1)
(D) ○ Weightlifting - (Optional 4)

Question no.29

1.00

Bookmark ☐

The virtual force generated due to the rotation of the Earth is called-
(A) ○ Kinetic Force - (Alternative 3)
(B) ○ **Coriolis force - (Optional 1)**
(C) ○ Pressure Prevalence - (Optional 4)
(D) ○ Gravitational Force - (Alternative 2)

Question No.30

1.00

Bookmark ☐

What is the name of antibiotic containing chlorine which is produced by soil containing microorganisms and is effective for the treatment of typhoid fever?
(A) ○ Chloroquin - (Alternative 2)
(B) ○ **Chloramphennik - (Alternative 1)**
(C) ○ Chlorogen - (Alternative 3)
(D) ○ Chloroethanol - (Alternative 4)

Question No.31

1.00

Bookmark ☐

What is the international governing body associated with table tennis?
(A) ○ AILA - (Alternative 3)
(B) ○ **ITTF - (Alternative 2)**
(C) ○ FITT - (Optional 4)
(D) ○ APTT - (Optional 1)

Question No.32

1.00

Bookmark ☐

The lighthouse of the Mediterranean Sea is-
(A) ○ Rainier - (Alternative 4)
(B) ○ **Stromboli - (Alternative 1)**
(C) ○ Etna - (Alternative 2)
(D) ○ Sicily - (Alternative 3)

Question No.33

1.00

Bookmark ☐

Who has the power to make any provision in relation to the acquisition and termination of citizenship?
(A) ○ President - (Alternative 1)
(B) ○ Prime Minister - (Alternative 3)
(C) ○ Cabinet - (Alternative 2)
(D) ○ **Parliament - (Alternative 4)**

Question No.34   1.00

Bookmark ☐

The administrative reforms commission was initially chaired by _____.
(A) ○ **Morar G Desai - (Alternative 4)**
(B) ○ Veerappa Moily - (Alternative 2)
(C) ○ Hanumantihya - (Alternative 3)
(D) ○ P.V. RajMannar - (Alternative 1)

Question No.35   1.00

Bookmark ☐

What is the phenomenon of organisms in which female genome develops to form new creatures without fertilization?
(A) ○ Genome - (Alternative 4)
(B) ○ **Parthenogenesis - (Alternative 3)**
(C) ○ Monogamy - (Alternative 2)
(D) ○ Singemi - (Alternative 1)

Question No.36   1.00

Bookmark ☐

What is the speed of objects relative to the straight line?
(A) ○ Uniform Speed - (Optional 2)
(B) ○ Transverse Speed - (Optional 3)
(C) ○ Displacement speed - (Optional 4)
(D) ○ **Straight Linear Speed - (Optional 1)**

Question No.37   1.00

Bookmark ☐

Who is the Chairman of the National Development Council?
(A) ○ **Prime Minister - (Alternative 1)**
(B) ○ President - (Alternative 4)
(C) ○ Finance Minister - (Alternative 2)
(D) ○ Union Home Minister - (Alternative 3)

Question No.38   1.00

Bookmark ☐

The towns of Harappan civilization were placed in _____ pattern.
(A) ○ Circular Grid - (Optional 4)
(B) ○ **Rectangular grid - (Alternative 2)**
(C) ○ Square Grid - (Alternative 1)
(D) ○ Radial Grid - (Alternative 3)

Question No.39   1.00

Bookmark ☐

According to the Policy (NITI) Commission, how long has the Indian government made a plan to double the income of the farmers?
(A) ○ **2022 - (Alternative 2)**
   ○

(B)   2025 - (Optional 1)
(C) ○ 2024 - (Alternative 4)
(D) ○ 2020 - (Alternative 3)

Question No.40   1.00

Bookmark ☐

Which instrument is measured by the transfer of heat?
(A) ○ Hydrometer - (Alternative 4)
(B) ○ Manomer - (Alternative 2)
(C) ○ **Calorimeter - (Alternative 1)**
(D) ○ Galvanometer - (Alternative 3)

Question No.41   1.00

Bookmark ☐

Under which article can Parliament set a condition for employment within the state or union territory?
(A) ○ Article 26 - (Alternative 4)
(B) ○ Article 15 - (Optional 1)
(C) ○ Article 19 - (Optional 3)
(D) ○ **Article 16 - (Alternative 2)**

Question No.42   1.00

Bookmark ☐

The word 'Mahayana' is related to what religion
(A) ○ Jain - (Alternative 1)
(B) ○ **Buddhist - (Alternative 4)**
(C) ○ Shaiv - (Alternative 2)
(D) ○ Sikh - (Alternative 3)

Question No.43   1.00

Bookmark ☐

By what name is the maintenance of bee hive?
(A) ○ **Epiculture - (Alternative 4)**
(B) ○ Aviculture - (Alternative 3)
(C) ○ Horticulture - (Alternative 1)
(D) ○ Agriculture - (Alternative 2)

Question no.44   1.00

Bookmark ☐

The ancient Harappan town of Lothal is situated in which state?
(A) ○ Uttar Pradesh - (Alternative 3)
(B) ○ Punjab - (Alternative 4)
(C) ○ **Gujarat - (Alternative 2)**
(D) ○ Rajasthan - (Alternative 1)

Question No.45   1.00

Hindola castle and ship mansion are related to which regional architecture style?
(A) ○ **Mandu Area - (Alternative 1)**
(B) ○ Gujarat Zone - (Alternative 2)
(C) ○ Area of Kashmir - (Alternative 4)
(D) ○ Bengal Area - (Alternative 3)

Question No.46   1.00

Bookmark ☐

What is the common name of Peripleneta americana?
(A) ○ American Frog - (Alternative 1)
(B) ○ **American Cockroaches - (Alternative 4)**
(C) ○ American FlatWarm - (Alternative 3)
(D) ○ American earthquake - (Alternative 2)

Question no.47   1.00

Bookmark ☐

President's Ordinance _____ can be issued
(A) ○ **As per Parliamentary Act on provisions with similar boundaries - (Optional 2)**
(B) ○ On the specially mentioned provisions of the President - (Optional 3)
(C) ○ On any provision of the Constitution - (Alternative 1)
(D) ○ None of these - (Alternative 4)

Question no.48   1.00

Bookmark ☐

Who established the Chishti sect in India?
(A) ○ **Moinuddin Chishti - (Alternative 2)**
(B) ○ Khwaja Nizamuddin Auliya - (Alternative 4)
(C) ○ Khwaja Saleem Chishti - (Alternative 1)
(D) ○ Khwaja Qutbuddin Bakhtiar Kaki - (Alternative 3)

Question No.49   1.00

Bookmark ☐

Which of these is not a major tea growing area of India?
(A) ○ Assam Hills - (Alternative 4)
(B) ○ Darjeeling Hills - (Alternative 1)
(C) ○ **Kashmir Valley - (Alternative 3)**
(D) ○ Nilgiris Hills - (Alternative 2)

Question No.50   1.00

Bookmark ☐

In sports, how many competitions are there in Decathlon?
(A) ○ 3 - (Optional 1)
(B) ○ 8 - (Optional 3)
(C) ○ **10 - (Optional 4)**
(D) ○ 5 - (Optional 2)

Question No.51   1.00

Bookmark ☐

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

According to the National Monetary Authority (NMA), the Pune Municipal Corporation (PMC) and the Maharashtra Metro Rail Corporation (Maharashtra-Metro), decided to change the alignment of the Metro project on Ahmednagar Road to protect the Aga Khan Palace. So now the cost of the project will increase to Rs 50 crore for civil works, and the length of the corridor will increase to 900 meters.
Metro officials Atul Gadgil and Prakash Waghmare informed the media on Friday about the decision. "There will be some changes in the Metro corridor near Aga Khan Palace and the length of the route will now increase to 900 meters," the Metro official confirmed this. PMC is yet to give final approval for the planned route.

Statement. The construction of the Metro project will be around 50 crore rupees.

Select one of the following options.
A. The statement is definitely true.
B. The statement is probably true.
C. Statement can not be determined
D. Statement is definitely wrong.

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

Question No.52   1.00

Bookmark ☐

Change the question mark with the option that follows the logic applied to the first pair.
Plant: Seed :: Flower: ??
(A) ○ Beautiful - (Alternative 4)
(B) ○ **Bud - (Alternative 1)**
(C) ○ Green - (Alternative 3)
(D) ○ Taste - (Alternative 2)

Question No.53   1.00
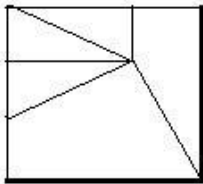
Bookmark ☐

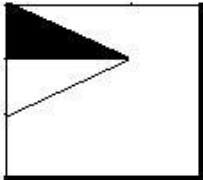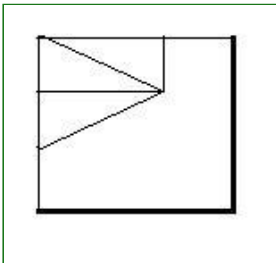Select the correct option that will meet the image pattern of the given image.
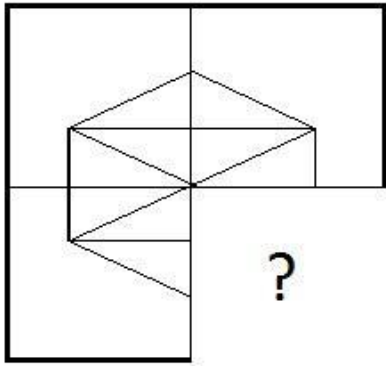
(A) ○

- (Optional 4)

(B) ○
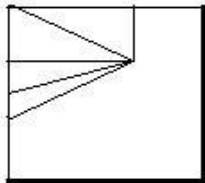

- (Optional 2)

(C) ○

- (Optional 3)

(D) ○

- (Optional 1)

Question No.54   1.00

                                                                Bookmark ☐

Select the next number in the series.
15, 20, 40, 45, 90,?

(A) ○ 93 - (Alternative 2)
(B) ○ 92 - (Optional 1)
(C) ○ 94 - (Optional 3)
(D) ○ **95 - (Alternative 4)**

Question no.55 1.00

Bookmark ☐

Three statements in this question and three related conclusions have been given to them, assuming that the statements given in the statements to be true are to be considered together on both the findings and to make sure that the information given in the statements is beyond any reasonable doubt Which conclusion is rational?

Statement: There are some wheat, tea. There are some tea, rice, all rice and curry.

Conclusion: i) There are some curry tea.
ii) There are some curries.
iii) All rice is tea.

(A) ○ **Only i) is logical - (Alternative 2)**
(B) ○ Only ii) and iii) is logical - (optional 3)
(C) ○ Only i) and iii) Logical - (Optional 4)
(D) ○ Either ii) or iii) is logical - (Alternative 1)

Question no.56 1.00

Bookmark ☐

Carefully read the given information and answer the given questions.

The 8 people sitting on the outside of the M, N, O, P, Q, R, S and T sculptors are sitting outside (not necessarily in the same order) in such a way that there is a uniform distance between each of them. There are 5 men and 3 women. No two women are sitting together.

i) M, which is a man, is sitting opposite S.
ii) T and N are neighbors.
iii) N is sitting on the third place from the right of O, which is a woman.
iv) M is neither Neighbor of Ne, nor is Ne N is neighbor.
v) A person is sitting between S and N.
vi) P is not a neighbor of M but sitting in front of R.

Which of the following options is a pair of men?

(A) ○ RO - (Optional 1)
(B) ○ TS - (Alternative 2)
(C) ○ NP - (Optional 3)
(D) ○ **QM - (Optional 4)**

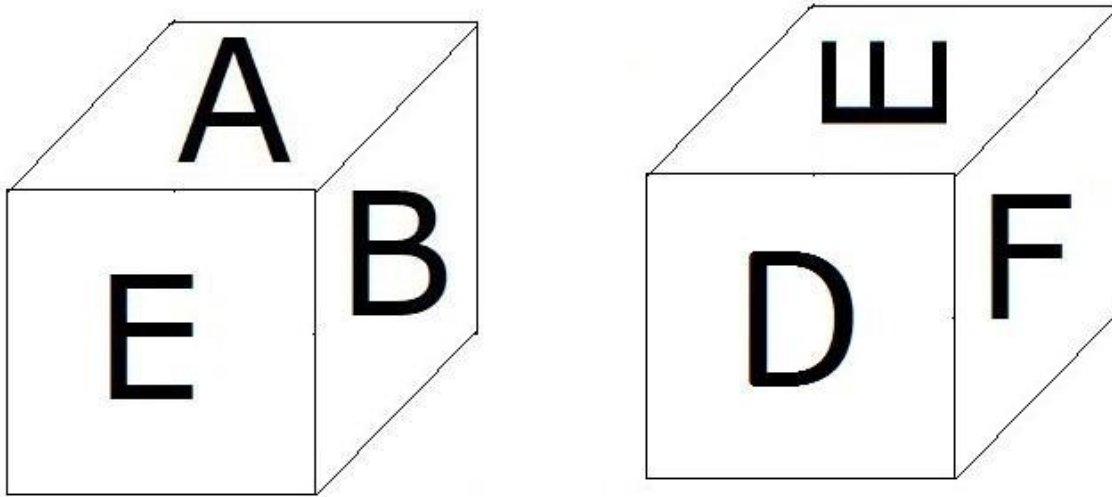
Question no.57 1.00

Bookmark ☐

Select the next number in the series.
52, 53, 57, 66, 82,?
(A) ○ 109 - (Alternative 2)
(B) ○ 114 - (Optional 4)
(C) ○ **107 - (Optional 1)**
(D) ○ 112 - (Optional 3)

Question no.58 1.00

According to the given picture, 6 letters A, B, C, D, E and F are marked on each surface of the dice. Which letter is marked on the surface opposite the surface on which the letter E is printed.
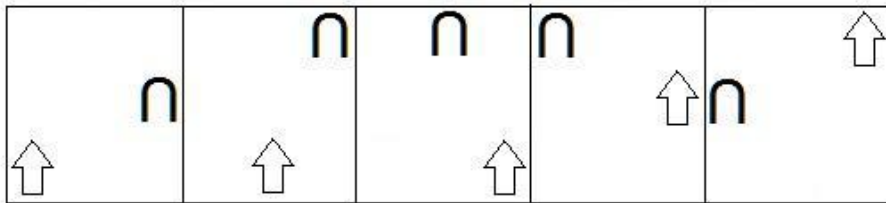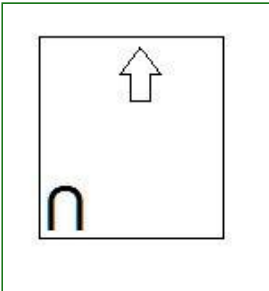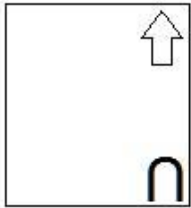

(A) ○ **C - (Alternative 1)**
(B) ○ A - (Alternative 2)
(C) ○ F - (Optional 3)
(D) ○ B - (Alternative 4)

Question No.59   1.00

Bookmark ☐

Select the appropriate picture to come forward in the given series.
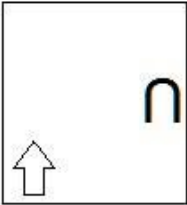

(A) ○

- (Optional 2)

(B) ○

- (Optional 1)

(C) ○
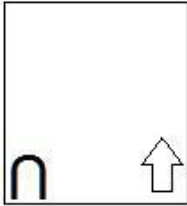
- (Optional 4)

(D) ○

- (Optional 3)

Question No.60

1.00

Bookmark ☐

Read the following logic and answer the given question.
A @ B is A, B's husband.
A # B is the wife of A, B.
A $ B is the son of A, B.
A% B is the daughter of A, B.
In the equation X% Y @Z% W, how is the relation to the father of X related to W?

(A) ○ **Son-in-law (alternative 1)**

(B) ○ Cage - (Alternative 3)

(C) ○ Father - (Optional 2)

(D) ○ Nephew - (Alternative 4)

Question No.61

1.00

Bookmark ☐

Change the question mark with the option that follows the logic applied to the first pair.
Television: Electricity :: Car: ??

(A) ○ Tyre - (Optional 1)

(B) ○ **Fuel - (Alternative 3)**

(C) ○ Brake - (Alternative 2)

(D) ○ Water - (Alternative 4)

Question No.62

1.00

Bookmark ☐

Carefully read the given information and answer the given questions.

8 people sitting on the outside of the table, M, N, O, P, Q, R, S and T are sitting facing the table (not necessarily in the same order) in such a manner that there is a uniform distance between each of them. There are 5 men and 3 women. No two women have been sitting together.

i) M, which is a man, is sitting opposite S.
ii) T and N are neighbors.
iii) N is sitting on the third place from the right of O, which is a woman.

iv) M is neither Neighbor of Ne, nor is Ne N is neighbor.
v) A person is sitting between S and N.
vi) P is not a neighbor of M but sitting in front of R.

How many people are sitting between S and N while counting from the left of N?

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

Question No.63

1.00

Bookmark ☐

Carefully read the given information and answer the given questions.

8 people sitting on the outside of the table, M, N, O, P, Q, R, S and T are sitting facing the table (not necessarily in the same order) in such a manner that there is a uniform distance between each of them. There are 5 men and 3 women. No two women have been sitting close together.

i) M, which is a man, is sitting opposite S.
ii) T and N are neighbors.
iii) N is sitting on the third place from the right of O, which is a woman.
iv) M is neither Neighbor of Ne, nor is Ne N is neighbor.
v) A person is sitting between S and N.
vi) P is not a neighbor of M but sitting in front of R.

Which of the following statements regarding the system is wrong?

(A) ◯ **R is sitting at the third position with the right of S. - (Optional 2)**
(B) ◯ S and P are neighbors. - (Optional 4)
(C) ◯ Q and N are sitting in front of each other. - (Optional 1)
(D) ◯ S and N are women. - (Optional 3)

Question No.64

1.00

Bookmark ☐

A statement in this question and the two conclusions related to them are given in the form of i and ii, assuming that the statements given in the statements to be true are to be considered together on both the findings and to make sure that the information given in the statement Which of the conclusions beyond reasonable doubt is logical?

Statement: Every Monday is a working day. Today is a working day.

Conclusion:
i. Today is Monday.
ii. Only Monday is a working day.

Choose the right one from the following options.

(A) The only conclusion i rational is.

(B) The only conclusion ii is logical.
(C) either i or ii conclusion is rational.
(D) neither i nor ii conclusion is rational.
(E) i and ii both conclusions are rational.

(A) ○ B - (Alternative 2)

(B) ○ E - (Alternative 4)

(C) ○ A - (Alternative 1)

(D) ○ **D - (Alternative 3)**

Question No.65   1.00

Bookmark ☐

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

According to the National Monetary Authority (NMA), the Pune Municipal Corporation (PMC) and the Maharashtra Metro Rail Corporation (Maharashtra-Metro), decided to change the alignment of the Metro project on Ahmednagar Road to protect the Aga Khan Palace. So now the cost of the project will increase to Rs 50 crore for civil works, and the length of the corridor will increase to 900 meters.
Metro officials Atul Gadgil and Prakash Waghmare informed the media on Friday about the decision. "There will be some changes in the Metro corridor near Aga Khan Palace and the length of the route will now increase to 900 meters," the Metro official confirmed this. PMC is yet to give final approval for the planned route.

Statement: Pune Municipal Corporation (PMC) has approved the alignment changes suggested by Maharashtra-Metro.

Select one of the following options.
A. The statement is definitely true.
B. The statement is probably true.
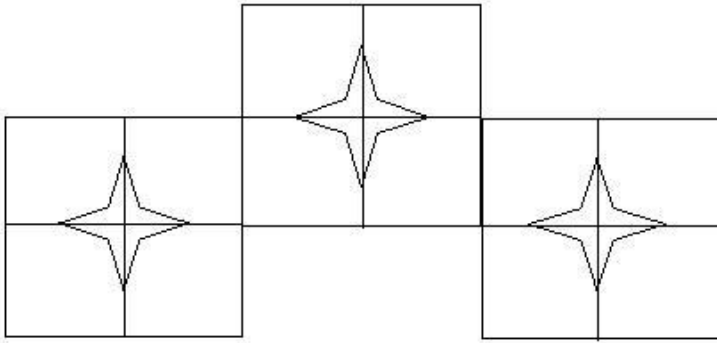C. Statement can not be determined
D. Statement is definitely wrong.

(A) ○ **D - (Alternative 4)**

(B) ○ B - (Alternative 2)

(C) ○ A - (Alternative 1)

(D) ○ C - (Alternative 3)

Question No.66   1.00

Bookmark ☐

How many classes are there in the given picture?

(A) ○ 8 - (Optional 4)
(B) ○ **15 - (Optional 2)**
(C) ○ 13 - (Optional 3)
(D) ○ 10 - (Optional 1)

Question No.67   1.00

Bookmark ☐

In a certain code language, if BROKE is written UEKHN, how will MIXER be written in the same code language?

(A) ○ LPAUH - (Optional 4)
(B) ○ **LPTUH - (Optional 3)**
(C) ○ MQSVI - (Optional 1)
(D) ○ MQUVI - (Alternative 2)

Question No.68   1.00

Bookmark ☐

In this question, there are three statements showing the relation followed by three conclusions i, ii and iii. Assuming the statements as true, decide which conclusions / statements are true in relation to the statements.

Statement. C ≤ U <E; C = O> M ≥ T; M = A> L

findings.
i) E> M
ii) C ≥ T
iii) L> T

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

Question No.69   1.00
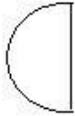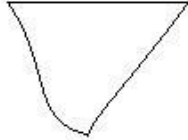
Bookmark ☐

Select the correct option from the given options that can make a full square. (3 of the 5 images are given below)
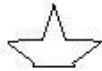
1   2   3   4   5

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

Question No.70   1.00

Bookmark ☐

Four of the following five are identical in a certain way, so make a group.
Which of these is not related to this group?
Q, M, I, S, T
(A) ○ **T - (Alternative 4)**
(B) ○ S - (Alternative 1)
(C) ○ Q - (Optional 3)
(D) ○ M - (Alternative 2)

Question No.71   1.00

Bookmark ☐

Change the question mark with the option that follows the logic applied to the first pair.
Q: H: S: ??
(A) ○ **J - (Alternative 1)**
(B) ○ A - (Alternative 4)
(C) ○ F - (Alternative 2)
(D) ○ M - (Alternative 3)

Question No.72   1.00

Bookmark ☐

In a certain code language, if ANNOY is written as ZMMLB, then how will the SOUND be written in
the same code language?
(A) ○ HFLMW - (Alternative 2)
(B) ○ **HLFMW - (Optional 1)**
(C) ○ HLFWN - (Optional 4)
(D) ○ HLFWM - (Optional 3)

Question No.73   1.00

Bookmark ☐

Kirti's grandmother, the mother of Vivek's mother, is the mother of Manish. Venu is the father of
Kirti. How is mother of kirti related to discrimination?
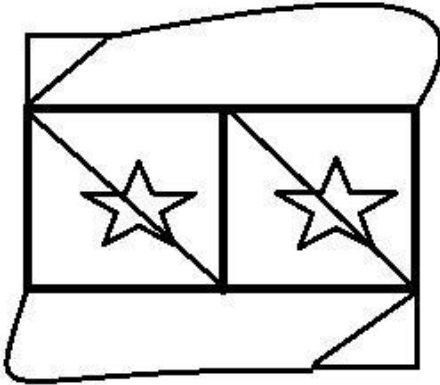(A) ○ Grandmother - (Alternative 4)

(B) ○ **Aunt - (Alternative 2)**
(C) ○ Mother - (Alternative 3)
(D) ○ Cage - (Alternative 1)

Question No.74   1.00

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

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

Question No.75   1.00

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

(A) ○

   - (Optional 1)

(B) ○

   - (Optional 4)

(C) ○

PIGGLET - (Optional 3)

(D) ○

PIGGLET - (Optional 2)

Question No.76   1.00

Bookmark ☐

In this question the connection between different elements has been shown in the statement.
After the statement two conclusions have been given.

Statement: M ≤ N <O ≥ P <Q

Conclusion:
i) M ≥ P
ii) O> M Choose the
right from the following options.
(A) The only conclusion i rational is.
(B) The only conclusion ii is logical.
(C) either i or ii conclusion is rational.
(D) neither i nor ii conclusion is rational.
(E) i and ii both conclusions are rational.

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

Question No.77   1.00

Bookmark ☐

The two statements in this question and the two conclusions related to them are given in the form
of i and ii, assuming that the statements given in the statements to be true are to be considered
together at both the conclusions and to make sure that the information given in the statement
Which of the conclusions beyond reasonable doubt is logical?
Statement: All teak
, banyan. All are banyan wood.

Conclusion: i) All wood, teak are.
ii) There are some banyan, teak.

Select from the following options,
(A) only conclusions i is logical.
(B) The only conclusion ii is logical.
(C) Either i or ii conclusion is logical.
(D) neither i nor ii conclusion is rational.
(E) i and ii both conclusions are rational.
(A) ○   C - (Alternative 3)
    ○

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

Question No.78

1.00

Bookmark ☐

Five to four in the following are similar in a certain way, so a group is formed.
Which of these is not related to this group?
RNJ, LHD, KGC, MIE, PKF

(A) ○   **PKF - (Alternative 3)**
(B) ○   RNJ - (Optional 4)
(C) ○   KGC - (Optional 1)
(D) ○   LHD - (Alternative 2)

Question No.79

1.00

Bookmark ☐

Choose the right water image of the given question from the given options.

HINDI

(A) ○   HIⱮDI   - (Optional 4)

(B) ○   IᗡⱮIH   - (Optional 2)

(C) ○   HINᗡI   - (Optional 1)

(D) ○   HIⱮᗡI   - (Optional 3)

Question No. 80

1.00

Bookmark ☐

Select the next number in the series.
61, 63, 66, 71, 78,?

(A) ○   98 - (Alternative 2)
(B) ○   **89 - (Optional 3)**
(C) ○   90 - (Alternative 4)
(D) ○   80 - (Optional 1)

Question No.81

1.00

Change the question mark with the option that follows the logic applied to the first pair.
2018: 22 :: 2022: ??

(A) ○ 14 - (Optional 3)
(B) ○ **12 - (Optional 2)**
(C) ○ 16 - (Optional 4)
(D) ○ 10 - (Optional 1)

Question No.82

1.00

Four of the following five are similar in a certain way, so create a group.
Which of these is not related to this group?
Liquid, Concrete, Solution, Fluid, Juice

(A) ○ Juice - (Alternative 4)
(B) ○ Solution - (Alternative 3)
(C) ○ **Concrete - (Alternative 1)**
(D) ○ Fluid - (Alternative 2)

Question no.83

1.00

How straight lines are there in the given picture?
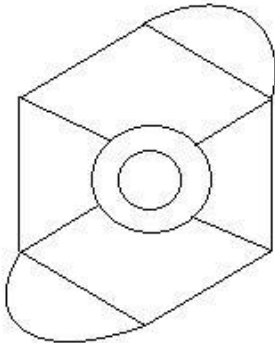
(A) ○ 14 - (Optional 2)
(B) ○ **10 - (Optional 4)**
(C) ○ 12 - (Optional 1)
(D) ○ 16 - (Optional 3)

Question no.84

1.00

Select the next number in the series.
16, 33, 68, 139, 282,?

(A) ○ **569 - (Optional 2)**
(B) ○ 560 - (Optional 1)
(C) ○ 585 - (Optional 3)
(D) ○ 570 - (Alternative 4)

Question no.85

1.00

Referring to a girl, a woman says, "She is the daughter of my son-in-law's wife's brother." So how is that woman related to that girl?

(A) ○ Mother - (Alternative 4)

(B) ○ **Great Grandmother - (Alternative 3)**

(C) ○ Aunt - (Alternative 2)

(D) ○ Grandmother - (Optional 1)

Question no.86   1.00

If the radius of a circle is given up to 19 times, how much of its perimeter will be the perimeter of the previous perimeter?

(A) ○ 20 - (Optional 3)

(B) ○ **19 - (Optional 2)**

(C) ○ 21 - (Optional 4)

(D) ○ 18 - (Optional 1)

Question No.87   1.00

Selling an item for 440 rupees is the loss of 60% of the profit received on selling the same item in 1000 rupees. Know the purchase price of that item? (In rupees)

(A) ○ **650 - (Optional 1)**

(B) ○ 680 - (Optional 4)

(C) ○ 660 - (Alternative 2)

(D) ○ 670 - (Alternative 3)

Question no.88   1.00

Tell the product of two numbers, which are LCM 9017 and HCF 1.

(A) ○ 9015 - (Alternative 4)

(B) ○ 9011 - (Alternative 2)

(C) ○ **9017 - (Optional 1)**

(D) ○ 9013 - (Optional 3)

Question No.89   1.00

In the mixture of 84 liters, the ratio of milk and water is 3: 4. If this ratio is changed to 3: 5, then tell the amount of excess water (in liters) mixed in the mixture.

(A) ○ 11 - (Optional 3)

(B) ○ 13 - (Optional 2)

(C) ○ 14 - (Optional 4)

(D) ○ **12 - (Optional 1)**

Question No.90   1.00

Martin donated 13% of his salary to an organization working for the blind people, 12% of his salary to the orphanage, 14% of his salary, the institution working for the physically challenged people,

and 16% of his salary Doctoral Assistance Institution The remaining amount of the salary is deposited in the bank for Rs 42,750 monthly expenditure. Find out the amount donated in the orphanage.

(A) ○ Rs.14,400 - (Optional 4)

(B) ○ Rs.13,400 - (Optional 3)

(C) ○ **Rs.14,400 - (Optional 1)**

(D) ○ Rs 12,400 - (Optional 2)

Question No.91   1.00
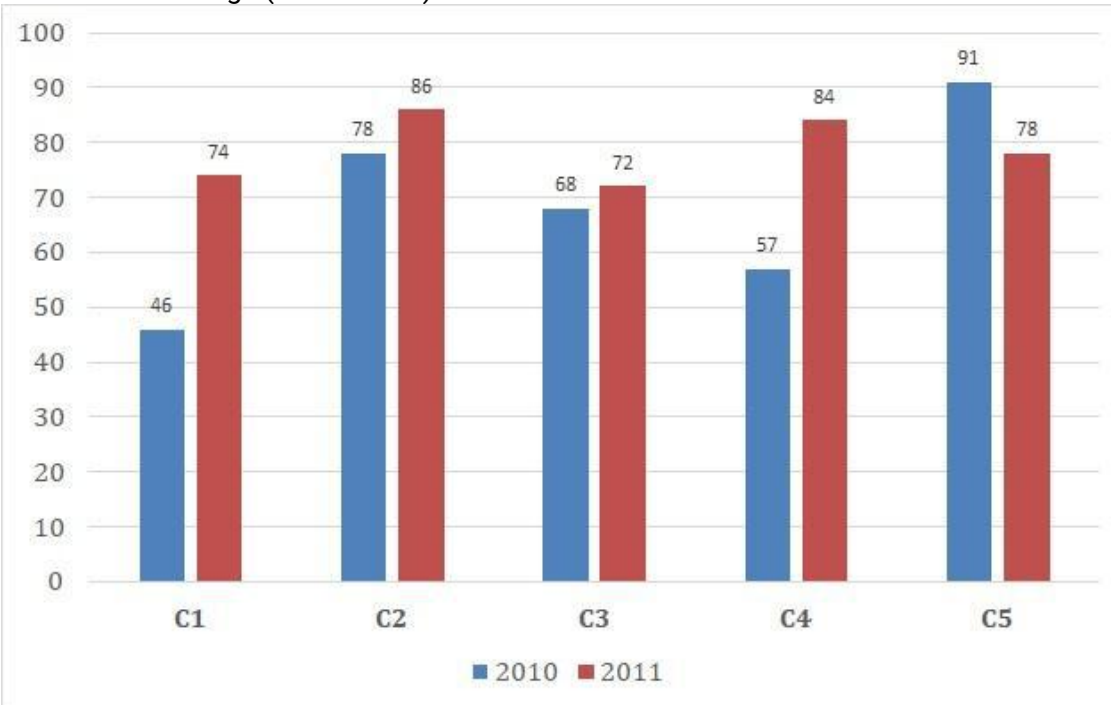
Bookmark ☐

Instructions:

Study the following times graph and answer the question on the basis:

Sales of books (in thousand rupees) given in two successive years of 2010 and 2011 of five branches of a publishing company have been given.

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

(A) ○ 72 - (Optional 3)

(B) ○ **68 - (Alternative 2)**

(C) ○ 66 - (Optional 1)

(D) ○ 74 - (Optional 4)

Question No.92   1.00

Bookmark ☐

A person travels from the hostel to the college with a speed of 15 kmph from the bicycle and reaches a 4.5 minute delay. If he runs a bike with a speed of 20 kmph, then it reaches 4.5 minutes. Describe the distance between hostel and college. (In km)

(A) ○ 8 - (Optional 3)

(B) ○ 6 - (Optional 1)

(C) ○ **9 - (Optional 4)**

(D) ○ 7 - (Optional 2)

Question No.93   1.00

In one box, three different types of old coins are in the ratio of 3: 5: 7, the value of old coins is Rs. 1, 5 and 10 rupees respectively. If the total price of coins kept in the box is 686, then tell the number of old coins of 10 rupees.

(A) ○ 48 - (Optional 1)

(B) ○ 51 - (Optional 4)

(C) ○ 50 - (Optional 3)

(D) ○ **49 - (Alternative 2)**

Question No.94   1.00

An amount of Rs 7,600 is invested on ordinary interest at an annual rate of 8%. If after 5 years the amount was withdrawn and half the amount of the total amount was invested in the stock market. The remaining amount (in rupees)

(A) ○ 5,420 - (Optional 1)

(B) ○ 5,220 - (Optional 3)

(C) ○ 5,210 - (Optional 2)

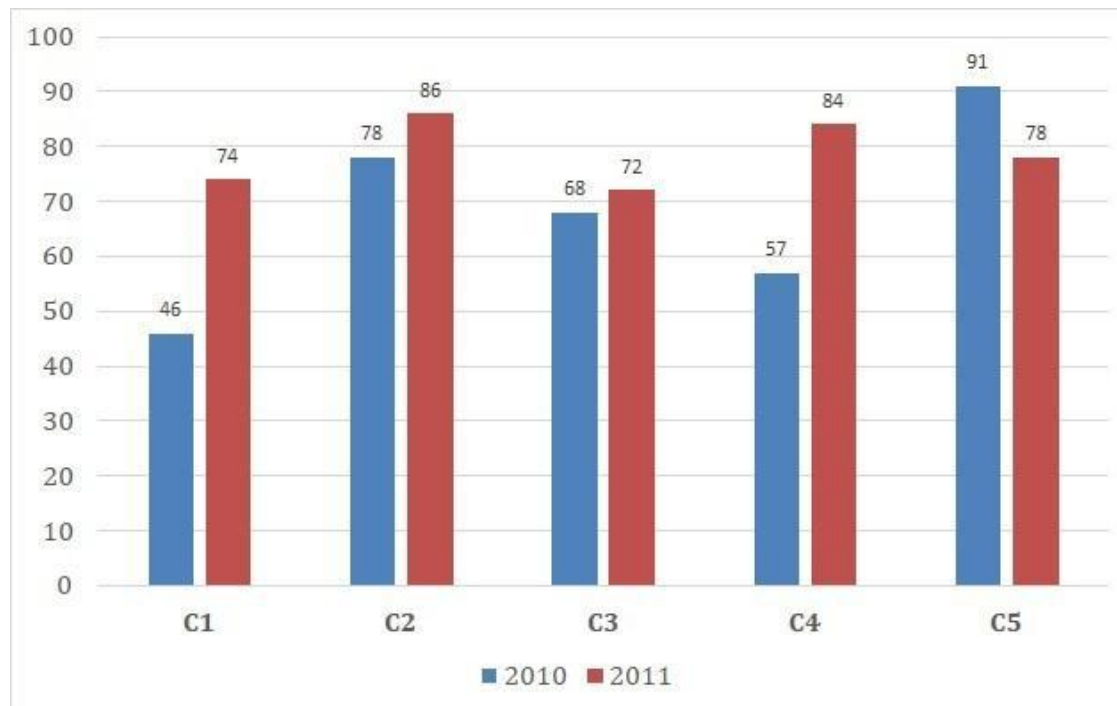(D) ○ **5,320 - (Optional 4)**

Question No.95   1.00

Instructions.
Study the graph at the following times and answer the question on the basis:
Sales of books (in thousand) has been given in two consecutive years of 2010 and 2011 of five branches of a publishing company.
Find out the ratio of the total sales done in both the years of branch C2 and the total sales volume in both years of branch C4.

(A) ○ 163: 140 - (Optional 3)

(B) ○ 161: 138 - (Optional 1)

(C) ○ **164: 141 - (Optional 4)**

(D) ○ 162: 139 - (Optional 2)

Question No.96   1.00

Bookmark ☐

When a number is divided by 119, the remainder remains 10. When the same number is divided by 17, what will be the remainder?
(A) ○ 7 - (Optional 1)
(B) ○ 9 - (Optional 3)
(C) ○ 8 - (Optional 2)
(D) ○ **10 - (Optional 4)**

Question No.97   1.00

Bookmark ☐

Solve.

$$324^2 \times 72 \div 18^5 \times 1021 = ?$$

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

Question No.98   1.00

Bookmark ☐

375! In the trailing Zeros, let us know.
(A) ○ **93 - (Optional 3)**
(B) ○ 94 - (Alternative 4)
(C) ○ 92 - (Alternative 2)
(D) ○ 91 - (Optional 1)

Question No.99   1.00

Bookmark ☐

If a shopkeeper hikes the purchasing value of an item by 46% and gives it a discount of 46% on the face value for selling it, then know the total percentage gain or loss it will have?
(A) ○ 21.16% profit - (Optional 3)
(B) ○ 20.04% Loss - (Optional 2)
(C) ○ 20.04% Profit - (Optional 1)
(D) ○ **21.16% Loss - (Optional 4)**

Question No.100   1.00

Bookmark ☐

Total area of the piece of glass square L444 Cm^2 is. Which is placed above a table. The width

between the table and the edge of the glass piece is 9 cm. Tell the length of the table | (in cm)

(A) ○ 54 - (Alternative 2)
(B) ○ 58 - (Optional 4)
(C) ○ 52 - (Optional 1)
(D) ○ **56 - (Optional 3)**

Question No.101   1.00

Bookmark ☐

A train takes 57 seconds to cross the 204 m long bridge. If the same train takes 23 seconds to cross a signal board, tell the length of the train. (In meters)

(A) ○ **138 - (Optional 3)**
(B) ○ 128 - (Alternative 2)
(C) ○ 118 - (Alternative 1)
(D) ○ 148 - (Alternative 4)

Question No.102   1.00

Bookmark ☐

At the rate of any compound interest rate, it gets tripled in 4 years, in how many years it will become 2187 times its own?

(A) ○ 22 - (Optional 4)
(B) ○ 26 - (Optional 1)
(C) ○ **28 - (Alternative 2)**
(D) ○ 24 - (Optional 3)

Question No.103   1.00

Bookmark ☐

A person travels at the speed of 16kmph, 24kmph and 12kmph on the surface of an equilateral triangle and the ground. Find the average speed of the entire journey. (In Kmph)

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

Question No.104   1.00

Bookmark ☐

A shopkeeper sells a product in Rs.2,367 and earns 12.5% profit. Tell the amount that is equal to half of the purchase price of the product (in Rs.)

(A) ○ **1,052 - (Optional 3)**
(B) ○ 1,062 - (Optional 4)
(C) ○ 1,042 - (Optional 2)
(D) ○ 1,032 - (Optional 1)

Question No.105   1.00

Bookmark ☐

Aamir distributed 875 gifts among 4 children. The first part of the child is twice the portion of the other child, three times the size of the third child and four times the fourth child's share. Show the sum of the total gifts received by the first and the second child.

(A) ○ 610 - (Alternative 2)
(B) ○ **630 - (Optional 4)**
(C) ○ 620 - (Alternative 3)
(D) ○ 640 - (Optional 1)

Question No.106   1.00

Bookmark ☐

A gift box has 10 bangles. The average weight of the first 4 bangles is 57gms and the average weight of the remaining 6 bangles is 58 gms. Tell the average weight of all bangles | (in grams)
(A) ○ 57.4 - (Optional 2)
(B) ○ 57.2 - (Optional 1)
(C) ○ **57.6 - (Optional 3)**
(D) ○ 57.8 - (Optional 4)

Question No.107   1.00

Bookmark ☐

The average weight of 71 notebooks kept in a box is 7.1 kg. When a new notebook is placed in the box, then the average is 7.2kg. Specify the weight of the new notebook. (In Kg)
(A) ○ **14.3 - (Optional 1)**
(B) ○ 14.6 - (Optional 4)
(C) ○ 14.4 - (Optional 2)
(D) ○ 14.5 - (Optional 3)

Question No.108   1.00

Bookmark ☐

A bulb producing company found 13% of the total product defective. If the total number of non-defective products is 4959, then specify the number of total defective products.
(A) ○ 751 - (Alternative 2)
(B) ○ 731 - (Optional 4)
(C) ○ **741 - (Optional 3)**
(D) ○ 761 - (Optional 1)

Question No.109   1.00

Bookmark ☐

Find the value of x.

$$\frac{2}{5}(x) + \frac{3}{10}(x) - \frac{3}{5}(x) = 531$$

(A) ○ 5210 - (Optional 1)
(B) ○ 5410 - (Optional 3)
(C) ○ **5310 - (Optional 2)**
(D) ○ 5510 - (Optional 4)

Question no.110

1.00

Bookmark ☐

Vimal received 72 out of 80 marks in French, 91 out of 100 in English, 63 out of 70 in Spanish and 44 out of 50 in Japanese. What was the total percentage achieved by him? (% In)

(A) ○ 70 - (Optional 1)

(B) ○ 100 - (Optional 4)

(C) ○ 80 - (Optional 2)

(D) ○ **90 - (Optional 3)**

Question No.111

1.00

Bookmark ☐

Sheila walks at the speed of her usual speed (20/21) and determines a clear distance in six minutes more than the time it takes in normal speed. Calculate the normal time it takes in determining a certain distance.

(A) ○ 130 - (Alternative 2)

(B) ○ **120 - (Optional 1)**

(C) ○ 140 - (Optional 3)

(D) ○ 150 - (Optional 4)

Question no.112

1.00

Bookmark ☐

If the cube with a 26√3 cm diagonal is melted then how tall is the height of the cuboid, if the length of the cuboid is equal to the arm of the cube, and the width of the cuboid is 13 cm? (in cm)

(A) ○ **52 - (Optional 1)**

(B) ○ 54 - (Optional 3)

(C) ○ 53 - (Alternative 2)

(D) ○ 55 - (Optional 4)

Question No.113

1.00

Bookmark ☐

Find the value of x.

$$\sqrt{441} \div 21 + \sqrt{484} = 1 \times x$$

(A) ○ 26 - (Alternative 4)

(B) ○ 25 - (Optional 3)

(C) ○ **23 - (Optional 1)**

(D) ○ 24 - (Optional 2)

Question No.114

1.00

Bookmark ☐

How can 378 mobile phones be shared equally in the students present in the classroom?

(A) ○ 18 - (Optional 3)

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

Question No.115   1.00

An English-based company has 629 men and 629 female employees in a collaborative project. The average attendance of all employees is 72 calls per day. On average, an average 72 calls are received by a male employee every day. What will be the average of the number of calls being added by the women staff daily?

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

Question no.116   1.00

The station master decides that the length of the rectangular digital board is increased by 4% and the width is reduced to 6%. Find out the total change in the area.

(A) ○ 1.24% reduction - (Optional 1)
(B) ○ 2.24% increase - (Optional 4)
(C) ○ **2.24% reduction - (Optional 2)**
(D) ○ 1.24% increase - (Optional 3)

Question No.117   1.00

The difference between earned interest on the same amount invested for 2 years on compound interest and simple interest is Rs. 76. If interest rates are 4% per year, then calculate the amount invested.
(In rupees)

(A) ○ 51,500 - (Optional 4)
(B) ○ **47,500 - (Optional 1)**
(C) ○ 48,500 - (Optional 2)
(D) ○ 49,500 - (Optional 3)

Question no.118   1.00

Solve.

$$15.73+13.25+16.73-28.64=3\times?$$

(A) ○ **5.69 - (Optional 3)**
(B) ○ 5.49 - (Optional 1)

(C) ○ 5.59 - (Optional 2)
(D) ○ 5.79 - (Optional 4)

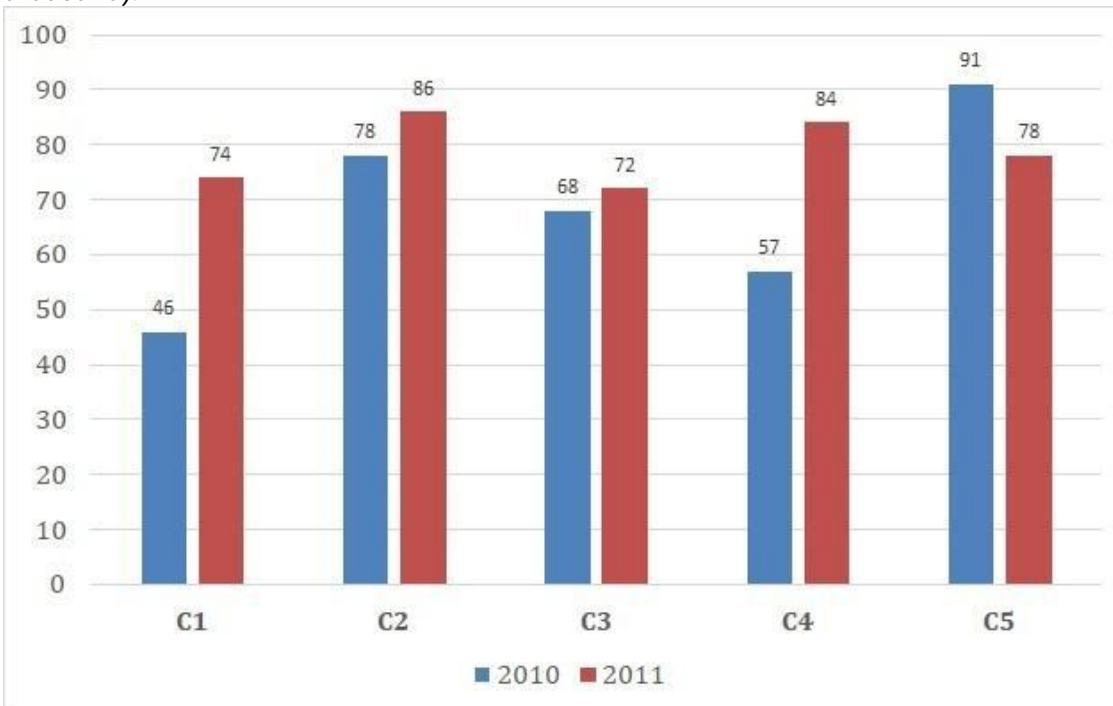**Question No.119**   1.00

Instructions:
Study the following times graph and answer the question on the basis:
Sales of books (in thousand rupees) given in two successive years of 2010 and 2011 of five branches of a publishing company have been given.
In the last two years, together with the company's branches C1, C3 and C5, make a total sales (in thousand).

(A) ○ 439 - (Alternative 4)
(B) ○ 419 - (Alternative 2)
(C) ○ **429 - (Optional 3)**
(D) ○ 409 - (Optional 1)

Question No.120   1.00

The proportion of salaries of Hameed, Clement and Ganesh is 3: 5: 7, respectively, if Ganesh is getting Rs.892 more from Hameed. What is Clement's salary? (In rupees)
(A) ○ 1,145 - (Optional 1)
(B) ○ **1,115 - (Optional 4)**
(C) ○ 1,125 - (Optional 3)
(D) ○ 1,135 - (Alternative 2)

Section 1 - Online Examination

Question No.1   1.00

Bookmark ☐

Which of these is the largest island in the world?
(A) ○ Maldives - (Alternative 1)
(B) ○ Finland - (Alternative 3)
(C) ○ **Greenland - (Alternative 2)**
(D) ○ Shells - (Alternative 4)

Question No.2   1.00

Bookmark ☐

Sultan Aljan Shah Cup is associated with which of these sports?
(A) ○ **Hockey - (Alternative 3)**
(B) ○ Golf - (Alternative 4)
(C) ○ Rowing - (Alternative 2)
(D) ○ Chase - (Alternative 1)

Question No.3   1.00

Bookmark ☐

What is the time period formula?
(A) ○ Frequency / 2 - (Optional 1)
(B) ○ 2 / Frequency - (Optional 2)
(C) ○ Frequency / 4 - (Optional 4)
(D) ○ **1 / Frequency - (Optional 3)**

Question No.4   1.00

Bookmark ☐

The Chairman of the Lok Sabha will have to send his resignation letter -
(A) ○ Prime Minister - (Alternative 2)
(B) ○ President - (Alternative 1)
(C) ○ **Deputy Speaker of Lok Sabha - (Alternative 3)**
(D) ○ Ministers of Parliamentary Affairs - (Alternative 4)

Question No.5   1.00

Bookmark ☐

What is the formula of baking soda?
(A) ○ $NaHCO_2$ - (Optional 2)

(B) ○ Na_2Co_4 - (Optional 1)

○

(C) Na_2Co_3 - (Alternative 4)

(D) ○ **NaHCO$_3$ - (Optional 3)**

Question No.6   1.00

Bookmark ☐

Who is the Indian player to score the first century in the Indian Premier League (IPL)?

(A) ○ Rohit Sharma - (Alternative 3)

(B) ○ Virat Kohli - (Alternative 2)

(C) ○ Shikhar Dhawan - (Alternative 4)

(D) ○ **Manish Pandey - (Alternative 1)**

Question No.7   1.00

Bookmark ☐

Where is the Martand Sun temple situated?

(A) ○ Varanasi - (Alternative 3)

(B) ○ Shimla - (Alternative 2)

(C) ○ **Kashmir - (Alternative 1)**

(D) ○ Madurai - (Alternative 4)

Question No.8   1.00

Bookmark ☐

Which of these years was determined by the United Nations?

(A) ○ 2005 - (Alternative 3)

(B) ○ 2006 - (Alternative 2)

(C) ○ **2004 - (Alternative 4)**

(D) ○ 2007 - (Optional 1)

Question No.9   1.00

Bookmark ☐

The compilation of Kabir's compositions is called

(A) ○ Abhanga - (Alternative 4)

(B) ○ Dissertation - (Alternative 3)

(C) ○ Mode - (Optional 1)

(D) ○ **Invoice - (Optional 2)**

Question No.10   1.00

Bookmark ☐

What is the surname of Harbhajan Singh?

(A) ○ The Wal - (Alternative 3)

(B) ○ Jamie - (Alternative 4)

(C) ○ Flying Man - (Alternative 1)

(D) ○ **The Turbanator - (Alternative 2)**

Question No.11   1.00

Bookmark ☐

When was 'Dandi March' organized?
(A) ○ 1940 - (Alternative 1)
(B) ○ 1947 - (Alternative 4)
(C) ○ **1930 - (Alternative 2)**
(D) ○ 1950 - (Alternative 3)

Question No.12   1.00

Bookmark ☐

The process of loosening and folding the soil is called -
(A) ○ **Grassroot (3)**
(B) ○ Weeding - (Alternative 1)
(C) ○ Soup - (Alternative 4)
(D) ○ Sow - (Alternative 2)

Question No.13   1.00

Bookmark ☐

When did the Rangpur rebellion happen?
(A) ○ 1689 - (Optional 3)
(B) ○ 1986 - (Alternative 4)
(C) ○ **1783 - (Alternative 2)**
(D) ○ 1729 - (Optional 1)

Question No.14   1.00

Bookmark ☐

Announcement of new Foreign Trade Policy in India has been done for the year.
(A) ○ 2016 - 21 - (Alternative 2)
(B) ○ 2017 - 22 - (Optional 1)
(C) ○ 2014 - 19 - (Optional 3)
(D) ○ **2015 - 20 - (Optional 4)**

Question No.15   1.00

Bookmark ☐

Which of these crops is not an oil crop?
(A) ○ Mustard - (Alternative 4)
(B) ○ Sesame - (Optional 3)
(C) ○ Peanut - (Alternative 2)
(D) ○ **Millet - (Alternative 1)**

Question No.16   1.00

Bookmark ☐

According to 2011, which of the following Union Territories of India is the lowest sex ratio state?
(A) ○ Delhi - (Alternative 1)
(B) ○ Andaman and Nicobar Islands - (Alternative 2)
(C) ○ **Daman and Diu - (Alternative 4)**
(D) ○ Lakshadweep - (Alternative 3)

Question no.17

1.00

Who won the Women's Singles title at US Open 2018?
(A) ○ Serena Williams - (Alternative 1)
(B) ○ **Naomi Osaka - (Alternative 3)**
(C) ○ Simona Halep - (Alternative 4)
(D) ○ Sania Mirza - (Alternative 2)

Question No.18

1.00

The Republic of India has _____ states and _____ Union Territories.
(A) ○ **29 and 7 - (Optional 2)**
(B) ○ 28 and 8 - (Optional 1)
(C) ○ 28 and 7 - (Optional 4)
(D) ○ 29 and 11 - (Optional 3)

Question No.19

1.00

Who is the Chairman of the Seventh Central Pay Commission?
(A) ○ MK Jain - (Alternative 4)
(B) ○ NS Vishwanathan - (Alternative 2)
(C) ○ s. Gurumurthy - (Alternative 3)
(D) ○ **Ashok Kumar Mathur - (Alternative 1)**

Question No.20

1.00

How many parliamentary constituencies are seats in Union Territory of Puducherry?
(A) ○ 3 - (Optional 3)
(B) ○ **1 - (Optional 1)**
(C) ○ 2 - (Optional 2)
(D) ○ 4 - (Optional 4)

Question no.21

1.00

In which of these countries is the Gobi Desert located?
(A) ○ U.S.A. (Alternative 4)
(B) ○ Chile - (Alternative 3)
(C) ○ **Mongolia - (Alternative 2)**
(D) ○ Japan - (Alternative 1)

Question no.22

1.00

Kaziranga National Park is situated-
(A) ○ **Assam - (Alternative 3)**
(B) ○ Haryana - (Alternative 4)
(C) ○ New Delhi - (Alternative 2)

(D) ○ Gujarat - (Alternative 1)

Question no.23   1.00

Bookmark ☐

Which of these is the natural source of acidic acid?
(A) ○ Milk - (Alternative 1)
(B) ○ **Tomato - (Alternative 4)**
(C) ○ Ants Sting - (Alternative 2)
(D) ○ Lemon - (Alternative 3)

Question no.24   1.00

Bookmark ☐

Kalamkari painting is related to which state?
(A) ○ **Andhra Pradesh - (Alternative 2)**
(B) ○ Manipur - (Alternative 4)
(C) ○ West Bengal - (Alternative 3)
(D) ○ Maharashtra - (Alternative 1)

Question No.25   1.00

Bookmark ☐

Energy derived from the internal heat of the Earth is called _____ energy.
(A) ○ Potential - (Optional 1)
(B) ○ Solar - (Alternative 4)
(C) ○ Kinetic - (optional 3)
(D) ○ **Geothermal - (Alternative 2)**

Question no.26   1.00

Bookmark ☐

Who gave the slogan 'Come to Delhi'?
(A) ○ **Netaji Subash Chandra Bose - (Alternative 4)**
(B) ○ Mahatma Gandhi - (Alternative 2)
(C) ○ Pandit Jawaharlal Nehru - (Alternative 1)
(D) ○ Lord Curzon - (Alternative 3)

Question no.27   1.00

Bookmark ☐

Who founded the Mohammedan Anglo-Oriental College in Aligarh?
(A) ○ Maulana Abul Kalam Azad - (Alternative 2)
(B) ○ **Syed Ahmed Khan - (Alternative 4)**
(C) ○ Maulana Hasrat Mohani - (Alternative 1)
(D) ○ Dr. Zakir Hussain - (Alternative 3)

Question no.28   1.00

Bookmark ☐

Who was the first British Governor General of India in 1833? (Appointed by British India Company)
(A) ○ Lord Dalhousie - (Alternative 4)

(B) ○ Lord Wellesley - (Alternative 1)
(C) ○ Lord Warren Hengsting - (Alternative 3)
(D) ○ **Lord William Bantant - (Alternative 2)**

Question no.29   1.00

Bookmark ☐

Who is known as the father of the Panchayat constituency?
(A) ○ Lord Morley - (Alternative 1)
(B) ○ **Lord Minto - (Alternative 2)**
(C) ○ Lord Montague - (Alternative 4)
(D) ○ Lord Chelmsford - (Alternative 3)

Question No.30   1.00

Bookmark ☐

पोलैंड के मुद्रा का क्या नाम है ?
(A) ○ Polish Kina - (Alternative 1)
(B) ○ **Polish Zloty - (Alternative 2)**
(C) ○ Polish Dinar - (Alternative 4)
(D) ○ Polish Balboa - (Alternative 3)

Question No.31   1.00

Bookmark ☐

How many languages have been listed in the unhappiness of Indian constitution?
(A) ○ 18 - (Optional 2)
(B) ○ **22 - (Optional 3)**
(C) ○ 15 - (Optional 4)
(D) ○ 14 - (Optional 1)

Question No.32   1.00

Bookmark ☐

Where is the headquarters of National Home Bank (NHB) located?
(A) ○ Chennai - (Alternative 4)
(B) ○ Mumbai - (Alternative 1)
(C) ○ Kolkata - (Alternative 2)
(D) ○ **New Delhi - (Alternative 3)**

Question No.33   1.00

Bookmark ☐

What is the nuclear number of hydrogen?
(A) ○ 0 - (Optional 4)
(B) ○ **1 - (Optional 2)**
(C) ○ 2 - (Optional 3)
(D) ○ 3 - (Optional 1)

Question No.34   1.00

What is the mass of the Earth?

(A) ○ $72\ 5k9 \times L0^{27}$ kg - (Alternative 3)

(B) ○ **$72\ 5k9 \times L0^{24}$ kg - (Alternative 1)**

(C) ○ $72\ 6k9 \times L0^{24}$ kg - (Alternative 2)

(D) ○ $72\ 6k9 \times L0^{27}$ kg - (Alternative 4)

Question No.35 1.00

_____ Respiratory is a process in which organisms generate energy in the absence of oxygen.

(A) ○ Underweight - (Alternative 4)

(B) ○ Autotrophic - (Optional 3)

(C) ○ Oxy - (Alternative 2)

(D) ○ **Anacia - (Alternative 1)**

Question No.36 1.00

What is the last formality without which no Union Bill can be made in our country?

(A) ○ **President's Signature - (Alternative 4)**

(B) ○ Signature of the Speaker of Lok Sabha - (Alternative 2)

(C) ○ Prime Minister's Signature - (Alternative 1)

(D) ○ Vice President's Consent - (Alternative 3)

Question No.37 1.00

What is the capital of Uttarakhand?

(A) ○ Lucknow - (Alternative 2)

(B) ○ Bhopal - (Alternative 3)

(C) ○ Agartala - (Alternative 1)

(D) ○ **Dehradun - (Alternative 4)**

Question No.38 1.00

Kanishka was the great king of which dynasty?

(A) ○ Barkjei - (Alternative 1)

(B) ○ Asaf Jahi - (Alternative 3)

(C) ○ **Cushion - (Alternative 2)**

(D) ○ Chalukya - (Alternative 4)

Question No.39 1.00

What is the capital of Bhutan?

(A) ○ Minsk - (Optional 1)

(B) ○ Vienna - (Alternative 4)
(C) ○ Kabul - (Alternative 2)
(D) ○ **Thimpu - (Alternative 3)**

Question No.40   1.00

Bookmark ☐

What is the full form of "EPF"?
(A) ○ **Employees Provident Fund - (Alternative 1)**
(B) ○ Employees Priority Fund - (Alternative 4)
(C) ○ Employee Personal Fund - (Alternative 2)
(D) ○ Employees Provident Finance - (Alternative 3)

Question No.41   1.00

Bookmark ☐

Who among the following was elected unopposed as the President of India?
(A) ○ VV Giri - (Alternative 2)
(B) ○ **Neelam Sanjiva Reddy - (Alternative 3)**
(C) ○ Giani Jail Singh - (Alternative 4)
(D) ○ Dr. S. Radhakrishnan - (Alternative 1)

Question No.42   1.00

Bookmark ☐

"Portfolio System" implemented by whom?
(A) ○ Lord Mayo - (Alternative 3)
(B) ○ Lord William Bantant - (Alternative 2)
(C) ○ **Lord Canning - (Alternative 4)**
(D) ○ Lord Wellesley - (Alternative 1)

Question No.43   1.00

Bookmark ☐

Ghoomar is folk dance
(A) ○ Jharkhand - (Alternative 1)
(B) ○ Uttarakhand - (Alternative 3)
(C) ○ Meghalaya - (Alternative 2)
(D) ○ **Rajasthan - (Alternative 4)**

Question no.44   1.00

Bookmark ☐

What is the full name of RADAR?
(A) ○ **Radio Detection and Ranging - (Alternative 3)**
(B) ○ Radio Divergence and Ranging - (Alternative 4)
(C) ○ Radio Detection and Radiation - (Alternative 1)
(D) ○ Radial Distance And Ranging - (Alternative 2)

Question No.45   1.00

Bookmark ☐

Multan Cricket Stadium is located in which of these countries?
(A) ○ Afghanistan - (Alternative 2)
(B) ○ **Pakistan - (Alternative 4)**
(C) ○ UAE - (Alternative 1)
(D) ○ Bangladesh - (Alternative 3)

Question No.46   1.00

Bookmark ☐

The working hours of the members of the Rajya Sabha are:
(A) ○ **6 years - (Optional 4)**
(B) ○ 5 years - (Optional 3)
(C) ○ 4 years - (Optional 2)
(D) ○ 2 years - (Optional 1)

Question no.47   1.00

Bookmark ☐

Kidambi Srikanth is related to which sport?
(A) ○ **Badminton - (Alternative 4)**
(B) ○ Tennis - (Alternative 3)
(C) ○ Hockey - (Alternative 2)
(D) ○ Cricket - (Alternative 1)

Question no.48   1.00

Bookmark ☐

Members of the Union Public Service Commission
(A) ○ **Appointed by the President - (Alternative 3)**
(B) ○ Elected by Logo - (Alternative 1)
(C) ○ Elected by Parliament - (Alternative 2)
(D) ○ Are appointed by the Home Ministry - (Alternative 4)

Question No.49   1.00

Bookmark ☐

Tungabhadra Dam is situated-
(A) ○ Goa - (Alternative 4)
(B) ○ Kerala - (Alternative 2)
(C) ○ **Karnataka - (Alternative 1)**
(D) ○ Maharashtra - (Alternative 3)

Question No.50   1.00

Bookmark ☐

Ice crystals are called rain
(A) ○ Fog - (Alternative 3)
(B) ○ **Ice - (Alternative 2)**
(C) ○ Rain - (Alternative 1)
(D) ○ Relative Humidity - (Alternative 4)

Question No.51

1.00

Read the following logic and answer the given question.
A @ B is the mother of A, B.
A # B is the father of A, B.
A $ B is A, B's brother.
A% B is the sister of A, B.
Which of the following shows that P is R's grandmother?

(A) ○ P # Q # R - (Alternative 4)

(B) ○ P% Q # R - (Alternative 2)

(C) ○ P # Q @ R - (Optional 3)

(D) ○ **P @ Q @ R - (Optional 1)**

Question No.52

1.00

In this question two statements and two conclusions i and ii have been given, assuming that the statements given in the statements are true and to decide which conclusions are logical in relation to the statements?

Statement. All eyes are ears. Some ears have lips
Conclusion i) There is some eye lip.
ii) There is no eye lip.

Select from the following options,
(A) only conclusions i is logical.
(B) The only conclusion ii is logical.
(C) either i or ii conclusion is rational.
(D) neither i nor ii conclusion is rational.
(E) i and ii both conclusions are rational.

(A) ○ A - (Alternative 1)

(B) ○ **C - (Alternative 3)**

(C) ○ D - (Alternative 4)

(D) ○ B - (Alternative 2)

Question No.53

1.00

In this question three statements and related four conclusions have been given, assuming that the statements given in the statements are true and to decide which conclusions are logical in relation to the statements?

Statement. Some girls are players. All boys are player. Some players are champions.

Conclusion: i) Some boys are girls.
ii) Some boys are players.
iii) There are some champion girls.
iv) There are some champion boys.

(A) ○ Only i) - (Optional 1)

(B) ○ **Only ii) - (Optional 4)**

(C) ○ I only), ii) and iii) - (alternative 2)

(D) ○ Ii only), iii) and iv) - (optional 3)

Question No.54   1.00

Bookmark ☐

Choose the next number in the following category
5, 11, 25, 63, 173,?
(A) ○   551 - (Alternative 4)
(B) ○   596 - (Alternative 2)
(C) ○   692 - (Optional 1)
(D) ○   **499 - (Optional 3)**

Question no.55   1.00

Bookmark ☐

In a certain code language, if MONTH is written TRSMY, how would PLACE be written in the same
code language?
(A) ○   PTEIG - (Optional 4)
(B) ○   PTEGI - (Optional 1)
(C) ○   QUFKH - (Optional 3)
(D) ○   **QUFJH - (Optional 2)**

Question no.56   1.00

Bookmark ☐

Carefully read the given information and answer the given questions.
Abi, Banu, Charu, Dev and Isha are sitting on the side of the north side (not necessarily in this
order). All five lovers like five different types of sweets. Such as laddoo, barfi, jamun, katli and
peda
i. The one who likes the pulse is sitting in the middle of the line.
ii. Charu and Banu are sitting on either side of the tree.
iii. Banu likes laddoo and God does not sit at any end.
iv. Barfi, who likes Barfi, is sitting in the third place on the left side of the berries.
v. People who like berries sit on the extreme ends of the line and Abe Jamsun does not like.
Who likes katli?
(A) ○   Isha - (Alternative 3)
(B) ○   Dev - (Alternative 1)
(C) ○   **Abe - (Alternative 2)**
(D) ○   Charu - (Alternative 4)

Question no.57   1.00

Bookmark ☐

Select the next number in the following category
173, 159, 180, 166, 187,?
(A) ○   182 - (Alternative 4)
(B) ○   194 - (Optional 1)
(C) ○   179 - (Alternative 2)
(D) ○   **173 - (Optional 3)**

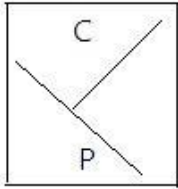**Question no.58**   1.00

Bookmark ☐

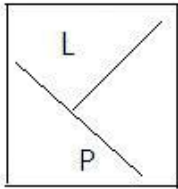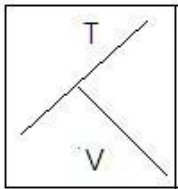Select the appropriate picture to come forth in the given series with the choices.
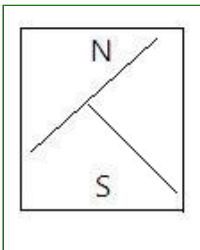
(A) ○
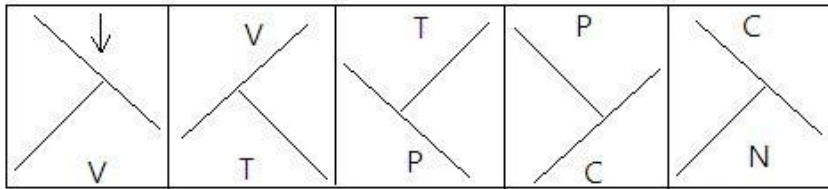
- (Optional 1)

(B) ○

- (Optional 3)

(C) ○

- (Optional 4)

(D) ○

- (Optional 2)

Question No.59

1.00

Bookmark ☐

Choose the correct image of the given question from the given options.

SCREEN

(A) ○

ИƎƎЯƆꙄ   - (Optional 3)

(B) ○

ꙄƆЯƎƎИ   - (Optional 1)

(C) ○

SCREEN - (Optional 2)

(D) ○ SCREEN - (Optional 4)

Question No.60   1.00

Bookmark ☐

Four of the following five are similar in a certain way, which creates a group.
Which of these is not related to this group?
Sleep, Nap, Slumber, Doze, Alive
(A) ○ Nap - (Alternative 3)
(B) ○ Sleep - (Alternative 4)
(C) ○ Slumber - (Alternative 1)
(D) ○ **Alive - (Alternative 2)**

Question No.61   1.00

Bookmark ☐

In a certain code language, if ABUSE is written in ZYFHV, how will INSULT be written in the same
code language?
(A) ○ RMHFKG - (Alternative 2)
(B) ○ SOHFLI - (Optional 4)
(C) ○ **RMHFOG - (Optional 1)**
(D) ○ SOHFKI - (Optional 3)

Question No.62   1.00

Bookmark ☐

Replacing the question mark with the option that adheres to the logic applied in the first pair.
Pathology: Diseases :: Paleontology: ??
(A) ○ Algae - (Alternative 4)
(B) ○ Insects - (Alternative 3)
(C) ○ Diet - (Alternative 1)
(D) ○ **Fossils - (Alternative 2)**

Question No.63   1.00

Bookmark ☐

B is the mother of M and A. Z is the son-in-law of O who is Y's husband. Y is the sister of A. How is
B related to O?
(A) ○ Son - (Alternative 2)
(B) ○ **Wife - (Optional 3)**
(C) ○ Mother - (Alternative 4)
(D) ○ Husband - (Alternative 1)

Question No.64   1.00

How many classes are there in the given picture?
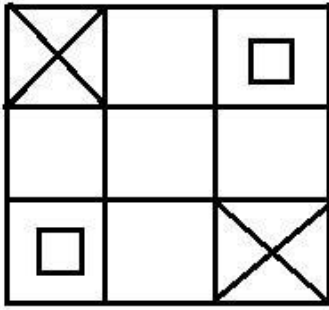
(A) ○ 14 - (Optional 3)
(B) ○ 18 - (Optional 2)
(C) ○ **16 - (Optional 1)**
(D) ○ 12 - (Optional 4)

Question No.65   1.00

Carefully read the given information and answer the given questions.
Abi, Banu, Charu, Dev and Isha are sitting on the side of the north side (not necessarily in this order). All five lovers like five different types of sweets. Such as laddoo, barfi, jamun, katli and peda
i. The one who likes the pulse is sitting in the middle of the line.
ii. Charu and Banu are sitting on either side of the tree.
iii. Banu likes laddoo and God does not sit at any end.
iv. Barfi, who likes Barfi, is sitting in the third place on the left side of the berries.
v. People who like berries sit on the extreme ends of the line and Abe Jamsun does not like.

Who is sitting at the right third place of Charu?
(A) ○ **Which likes berries. - (Optional 4)**
(B) ○ Who likes barfi - (Optional 1)
(C) ○ Who likes kathal - (Optional 3)
(D) ○ Who likes laddoo - (Optional 2)

Question No.66   1.00

In this question, a statement and the two conclusions related to them are given in the form of i and ii, assuming that the statements given in the statements to be true are to make sure that the conclusions regarding the statements are logical?

Statement. Weight is proportional to height.

Conclusion
i) If the load increases, then the height remains undone.
ii) If height increases, then the load remains undone.

Choose the right one from the following options.
(A) The only conclusion i correct is.
(B) Only conclusion ii is correct.
(C) Either the conclusions i or ii are correct.
(D) Neither conclusion nor ii is correct.
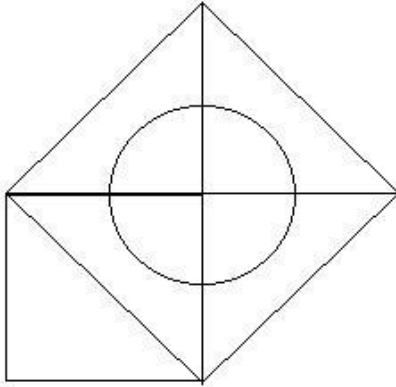(E) Both i and ii findings are correct

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

Question No.67

1.00

Bookmark ☐

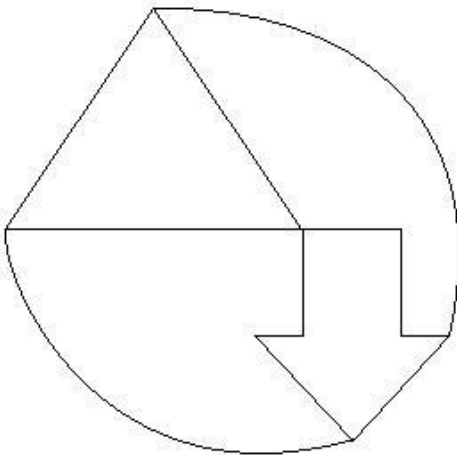How many right-angled triangles can be made from given figures?

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

Question No.68

1.00

Bookmark ☐

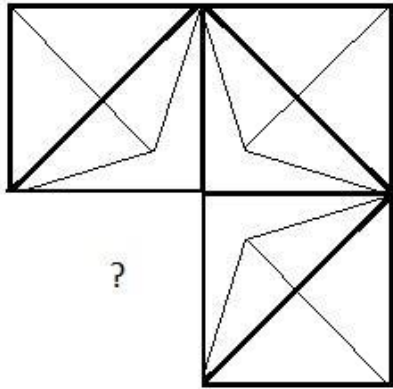How straight lines are there in the given picture?

(A) ○ 15 - (Optional 3)
(B) ○ 9 - (Optional 1)
(C) ○ **11 - (Optional 4)**
(D) ○ 7 - (Optional 2)

Question No.69

1.00

Bookmark ☐

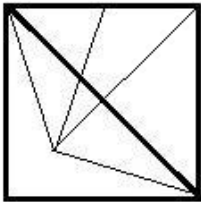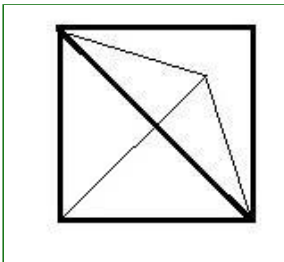Select the correct option which will complete the format of the given image.

(A) ○

- (Optional 2)

(B) ○
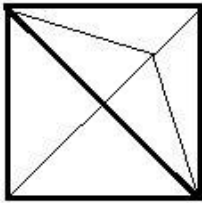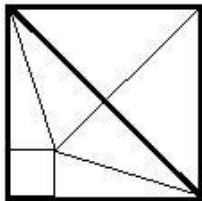

- (Optional 1)

(C) ○

- (Optional 3)

(D) ○

- (Optional 4)

Question No.70   1.00
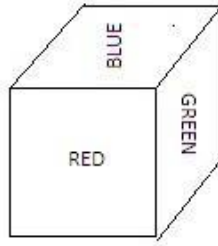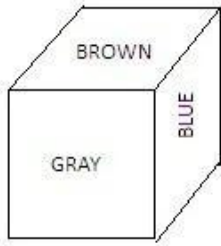
                                                                    Bookmark ☐

In the given picture, each face of the dice is painted with red (green), green, gray (blue), brown (orange) and orange (ORANGE). What color is painted against the orange color?

(A) ○ Green (GREEN) - (Optional 1)
(B) ○ **BLUE - (Alternative 3)**
(C) ○ Red (RED) - (Alternative 2)
(D) ○ Gray - (Alternative 4)

Question No.71   1.00

Bookmark ☐

Select the next number in the following category
14, 31, 59, 121, 239,?
(A) ○ 471 - (Alternative 2)
(B) ○ 478 - (Optional 4)
(C) ○ 468 - (Optional 3)
(D) ○ **481 - (Optional 1)**

Question No.72   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 1)

(B) ○

   - (Optional 4)

(C) ○

   - (Optional 2)

(D) ○

Question No.73

1.00

Bookmark ☐

Referring to a girl, a woman says, "She is the daughter of the daughter of the mother of my mother's daughter, how is the girl related to the woman?

(A) ○ Aunt - (Alternative 2)

(B) ○ Grandma - (Alternative 4)

(C) ○ **Granddaughter - (Alternative 3)**

(D) ○ Daughter - (Alternative 1)

Question No.74

1.00

Bookmark ☐

In this question, four statements are given in relation between letters, three related findings i, ii and iii have been given. When you consider the statements as truth, decide which conclusions are completely true in relation to the statements.

Statement. A ≤ M <Y; G <L> A ≥ D; D> I = N
findings
i) G> n
ii) L>
niiii) L> M

(A) ○ All. - (Optional 4)

(B) ○ Only i) and iii) - (Optional 1)

(C) ○ **Only ii) - (Optional 3)**

(D) ○ Only i) and ii) - (Optional 2)

Question No.75

1.00

Bookmark ☐

Replacing the question mark with the option that adheres to the logic applied in the first pair. GL: QV :: DM: ??

(A) ○ **NW - (Alternative 1)**

(B) ○ XP - (Alternative 4)

(C) ○ VO - (Optional 2)

(D) ○ XO - (Optional 3)

Question No.76

1.00

Bookmark ☐

Replacing the question mark with the option that adheres to the logic applied in the first pair. Beautician: Parlour :: Mechanic: ??

(A) ○ **Garage - (Alternative 2)**

(B) ○ Cockpit - (Alternative 4)

(C) ○ Laboratory - (Alternative 3)

(D) ○ Cabin - (Alternative 1)

Question No.77   1.00

Replace the question mark with the option that follows the applied logic in the first pair. 4232: 11 ::
1291: ??

(A) ○ **13 - (Optional 4)**

(B) ○ 15 - (Optional 3)

(C) ○ 21 - (Optional 1)

(D) ○ 14 - (Optional 2)

Question No.78   1.00

Four of the following five are similar in a certain way, which creates a group.
Which of these is not related to this group?
P, T, H, X, R

(A) ○ P - (Alternative 2)

(B) ○ X - (Alternative 4)

(C) ○ T - (Optional 3)

(D) ○ **R - (Optional 1)**

Question No.79   1.00

In this question the relationship between the various elements of the statement is shown. The
statement has two conclusions.

Statement. $K = I < N \leq D <E> R> A$

Conclusion.
i) $K <E$
ii) $E> A$
Select from the following options.
(A) The only i conclusion is correct.
(B) Only ii conclusions are correct.
(C) either i either ii conclusion is correct.
(D) neither i nor ii conclusion is correct.
(E) i and ii both conclusions are correct.

(A) ○ B - (Alternative 2)

(B) ○ C - (Alternative 3)

(C) ○ **E - (Alternative 4)**

(D) ○ A - (Alternative 1)

Question No. 80   1.00

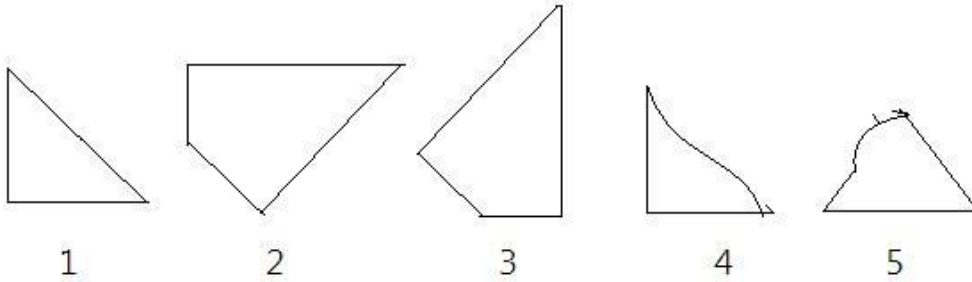Select the next number in the following category
12, 15, 24, 51, 132,?

(A) ○ 345 - (Alternative 2)

(B) ○ 294 - (Optional 1)

(C) ○ **375 - (Alternative 4)**

(D) ○ 268 - (Optional 3)

Question No.81

1.00

Select the correct option from the given options that can make a full square. (3 of the 5 images below)

1   2   3   4   5

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

Question No.82

1.00

Read the information given carefully and answering the questions given are
Abi, Banu, Charu, Dev and Isha sitting on the side of five friends (not necessarily in the same order). All five lovers like five different types of sweets. Like Laddo, Barfi, Jamun, Katli and Peda.
1. The one who likes the pulse is sitting in the middle of the line.
2. Charu and Banu Padda sit on one side of the person who likes.
3. Banu likes laddoo and God does not sit at any end.
4. Barfi, who likes Barfi, is sitting in the third place on the left side of the berries.
5. People who like Zaman sit at the extreme end of the line and Abhi Jamun does not like.

According to the given statement, which of these statements is true?
(A) ○ Abi and Laddoo sits on the last end of the choice - (Alternative 3)
(B) ○ Dev is sitting between Abi and Charu - (Alternative 2)
(C) ○ **Charu likes Barfee - (Alternative 1)**
(D) ○ Isha likes Kathal - (Alternative 4)

Question no.83

1.00

In this question, a passage and a statement related to it have been given. Read carefully the verse and review the statement based on it.
Delhi, which is one of India's capital and one of the largest cities in the world, is undergoing severe crisis, due to its high level of urbanization, increasing population and high levels of pollution.
Studies have proven that Are the biggest factors of pollution used for industrial and domestic use? And due to their use, people here emit large quantities of nitrogen oxides (NOx), ozone (O3), black carbon (BC) and microorganisms (PM).
According to the 2015 Global Burden of Disease report, there were 1.09 million deaths due to PM 2.5 in India. Air pollution was included as one of the 10 biggest threats to health. According to the World Health Organization, 37 cities of India are among 100 worst polluted cities in the world, where PM10 was found to be the highest ever. For the production of onoos, together with sunlight and heat, nitrogen oxides (NOx) and organic compounds (VOCs) are needed simultaneously.
Therefore, in the summer months, ozone is produced in large quantities in the cities.
Statement: Ozone does not arise more than a boundary on the ground in the summer months in cities.
Select the most suitable from the following options

A-statement is absolutely true
B-statement is probably true
C-statement can not be reviewed
D-statement is completely false

(A) ○ C - (Alternative 3)

(B) ○ A - (Alternative 1)

(C) ○ B - (Alternative 2)

(D) ○ **D - (Alternative 4)**

Question no.84   1.00

Bookmark ☐

In this question, a passage and a statement related to it have been given. Read carefully the verse and review the statement based on it.
Delhi, which is one of India's capital and one of the largest cities in the world, is undergoing severe crisis, due to its high level of urbanization, increasing population and high levels of pollution. Studies have proven that Are the biggest factors of pollution used for industrial and domestic use? And due to their use, people here emit large quantities of nitrogen oxides (NOx), ozone (O3), black carbon (BC) and microorganisms (PM).
According to the 2015 Global Burden of Disease report, there were 1.09 million deaths due to PM 2.5 in India. Air pollution was included as one of the 10 biggest threats to health. According to the World Health Organization, 37 cities of India are among 100 worst polluted cities in the world, where PM10 was found to be the highest ever. For the production of onoos, together with sunlight and heat, nitrogen oxides (NOx) and organic compounds (VOCs) are needed simultaneously. Therefore, in the summer months, ozone is produced in large quantities in the cities.
Statement: Air pollution is one of the top 10 factors affecting health in India.
Select the most suitable from the following options
A-statement is absolutely true
B-statement is probably true
C-statement can not be reviewed
D-statement is completely false

(A) ○ **A - (Alternative 1)**

(B) ○ B - (Alternative 2)

(C) ○ D - (Alternative 4)

(D) ○ C - (Alternative 3)

Question no.85   1.00

Bookmark ☐

Five to four in the following are similar in a certain way, which create a group.
Which of these is not related to this group?
ZWT, NKH, ROL, PMJ, YWU

(A) ○ ROL - (Optional 1)

(B) ○ **YWU - (Optional 3)**

(C) ○ PMJ - (Optional 4)

(D) ○ ZWT - (Optional 2)

Question no.86   1.00

Bookmark ☐

In one box, three different types of old coins are in the ratio of 7: 6: 8; the value of old coins is Rs. 1, 5 rupees and 10 rupees respectively. If the total value of coins in the box is 936, then tell the number of old coins of 5 rupees.

(A) ○ **48 - (Optional 3)**

(B) ○ 52 - (Alternative 2)
(C) ○ 46 - (Optional 1)
(D) ○ 50 - (Optional 4)

Question No.87   1.00

Bookmark ☐

Anil distributed 500 gifts among 4 children. The first part of the child is twice the portion of the other child, three times the size of the third child and four times the fourth child's share. Tell the number of total gifts received by the first and the second child.
(A) ○ 380 - (Optional 3)
(B) ○ 300 - (Optional 1)
(C) ○ **360 - (Optional 4)**
(D) ○ 280 - (Alternative 2)

Question no.88   1.00

Bookmark ☐

Make simple

$$(7^4)^2 \times \frac{1}{343^2} \times 7 + 17 = ?$$

(A) ○ **360 - (Optional 3)**
(B) ○ 380 - (Optional 4)
(C) ○ 340 - (Alternative 2)
(D) ○ 320 - (Alternative 1)

Question No.89   1.00

Bookmark ☐

Marilyn is able to decide at a speed of 9/10 (10/10) at a speed of more than 15 minutes from the time it takes in a normal distance. Calculate the normal time it takes in determining a certain distance?
(A) ○ 115 mins - (Optional 1)
(B) ○ 145 mins - (Optional 4)
(C) ○ **135 mins - (Alternative 2)**
(D) ○ 85 mins - (Optional 3)

Question No.90   1.00

Bookmark ☐

Make simple

$$\sqrt{20.25} + \sqrt{75.69} + 8.7 = ?$$

(A) ○ 21.5 - (Optional 2)
(B) ○ 21.7 - (Optional 3)
(C) ○ **21.9 - (Optional 4)**
(D) ○ 21.3 - (Optional 1)

Question No.91   1.00

Bookmark ☐

The amount of Rs 5400 is given at the rate of 8% on ordinary interest. If after 5 years the amount was withdrawn and half of the total amount was invested in the stock exchange. Show the amount remaining (in rupees)

(A) ○ 3480 - (Optional 1)
(B) ○ 3680 - (Optional 3)
(C) ○ 3580 - (Optional 2)
(D) ○ **3780 - (Optional 4)**

Question No.92   1.00

Bookmark ☐

A shopkeeper sells a product in Rs.1386 and earns 12.5% profit. Tell the amount that is equal to half of the purchase price of the product.

(A) ○ Rs.516 - (Optional 2)
(B) ○ Rs.716 - (Optional 4)
(C) ○ **Rs.616 - (Optional 3)**
(D) ○ Rs.816 - (Optional 1)

Question No.93   1.00

Bookmark ☐

Full Cetrfl pieces of glass class 729 Cm^2 is. Which is placed above a table. The width between the table and the glass piece is 9 cm. Tell the length of the table.

(A) ○ 43 cm - (Alternative 2)
(B) ○ **45 cm - (Optional 3)**
(C) ○ 47 cm - (Alternative 4)
(D) ○ 41 cm - (Optional 1)

Question No.94   1.00

Bookmark ☐

The difference between compound interest and simple interest amount received in two years on the amount of money is Rs 44, if the interest rate is 4% per year, then calculate the amount invested.

(A) ○ **27500 - (Optional 1)**

(B) ○ 25500 - (Optional 4)

(C) ○ 28500 - (Alternative 2)

(D) ○ 26500 - (Optional 3)

Question No.95   1.00

Bookmark ☐

A person travels from the hostel to the college with a speed of 36kmph from cycling and reaches a 7-minute delay. If he runs a bike with a speed of 45kmph then it reaches 5 minutes. Describe the distance between the hostel and the college.

(A) ○ 42 km - (Alternative 2)

(B) ○ 32 km - (Optional 1)

(C) ○ 39 km - (Optional 3)

(D) ○ **36 km - (Alternative 4)**

Question No.96   1.00

Bookmark ☐

The station master decides that the length and breadth of the digital board should be increased by 6% and 6% respectively. Find out the total change in the area.

(A) ○ **0.36% reduction - (Optional 3)**

(B) ○ Lack of 0 .24% - (Optional 1)

(C) ○ 0 - 24% increase - (Alternative 2)

(D) ○ 0.36% increase - (Optional 4)

Question No.97   1.00

Bookmark ☐

A bulb producing company found 11% of the total product defective. If the total number of non-defective products is 5607, then tell the number of total defective products.

(A) ○ **693 - (Alternative 4)**

(B) ○ 643 - (Optional 1)

(C) ○ 983 - (Alternative 2)

(D) ○ 463 - (Optional 3)

Question No.98   1.00

Bookmark ☐

The average weight of 101 notebooks placed in a box is 10.1kg. When a new notebook is placed in the box then the average is 10.2kg. Tell the weight of the new notebook.

(A) ○ **20.3 kg - (Optional 1)**

(B) ○ 20.5 kg - (Optional 2)

(C) ○ 19.7 kg - (Optional 4)

(D) ○ 20.1 kg - (Optional 3)

Question No.99   1.00
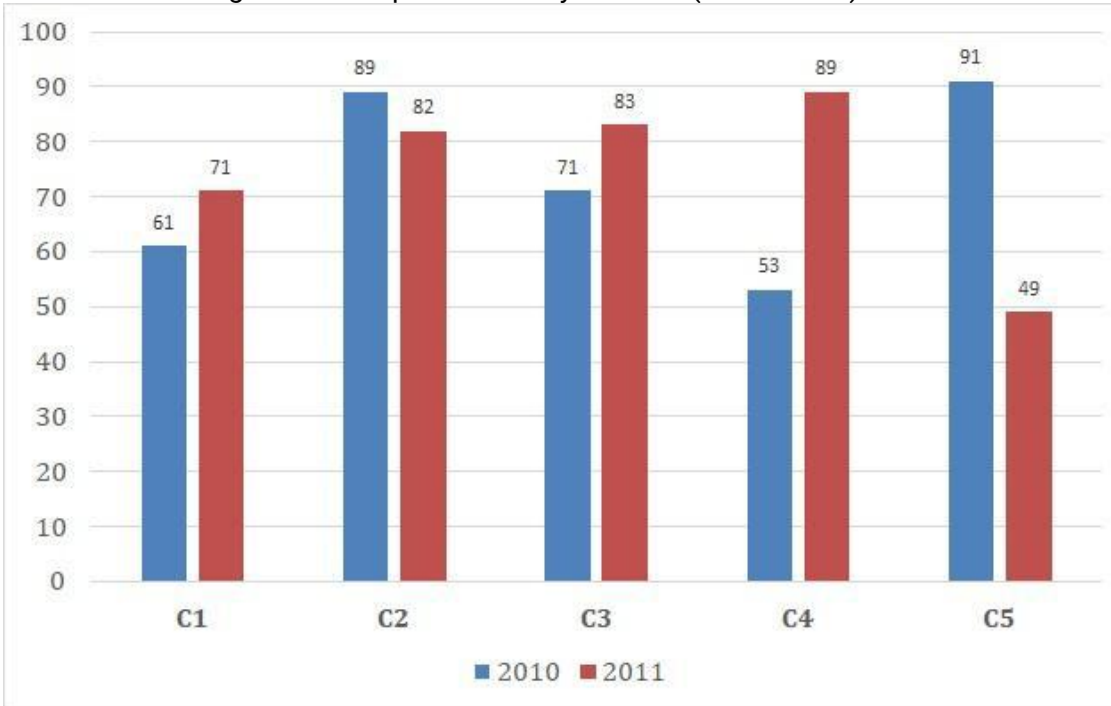
Bookmark ☐

Instructions.

Study the graph below and answer the question based on it?

The sales of books (in thousand) of books issued in two consecutive years of 2010 and 2011 of five branches of a publishing company (C1, C2, C3, C4 and C5) have been given.

Find out the average of all companies in the year 2010 (in thousand)?

(A) ○ 75 - (Alternative 4)

(B) ○ 72 - (Alternative 1)

(C) ○ **73 - (Alternative 2)**

(D) ○ 74 - (Optional 3)

Question No.100   1.00

Bookmark ☐

The ANM English based company has 511 men and 511 female employees. The average productivity of all employees is 61 calls per day. 61 call attendants are provided daily by a male employee. What will be the average of calls made by a female employee every day?

(A) ○ 63 - (Optional 3)

(B) ○ 59 - (Optional 1)

(C) ○ **61 - (Alternative 2)**

(D) ○ 65 - (Alternative 4)

Question No.101   1.00

Bookmark ☐

One person travels at a speed of 24kmph, 36kmph and 72km on the surface of an equilateral triangle and assess its average speed.

(A) ○ 45kmph - (Optional 4)

(B) ○ 24kmph - (Alternative 2)

(C) ○ 30 kmph - (Optional 3)

(D) ○ **36 kmph - (Optional 1)**

Question No.102   1.00

Bookmark ☐

Sandy donated 13% of her salary to an organization working for the blind people, 12% of her salary to the orphanage, 14% of her salary, the institution working for the physically challenged people, and 16% of her salary The institution helping the medical aid The remaining amount of salary is

deposited in the bank for Rs 24345 monthly expenditure. Find out the amount donated in the orphanage.

(A) ○ 6452 - (Optional 1)

(B) ○ 6942 - (Alternative 4)

(C) ○ 6782 - (Optional 3)

(D) ○ **6492 - (Alternative 2)**

Question No.103   1.00

Bookmark ☐

The proportion of the salary of Hakim, Kristo and Ganesh is 3: 5: 7, respectively, if Ganesh is getting Rs.524 more than the hakim. What is Christo's salary?

(A) ○ 545 - (Optional 4)

(B) ○ 610 - (Alternative 2)

(C) ○ 685 - (Optional 3)

(D) ○ **655 - (Optional 1)**

Question No.104   1.00

Bookmark ☐

What will be the height of the cubes of 11√3, which is melted by making the cuboid? If the length of the cuboid is equal to the arm of the cube, and the cuboid is 5.5 cm.

(A) ○ **22 cm - (Optional 1)**

(B) ○ 20 cm - (Optional 4)

(C) ○ 18 cm - (Optional 3)

(D) ○ 24 cm - (Alternative 2)

Question No.105   1.00

Bookmark ☐

Jeno scored 65 points out of 80 in French, 89 out of 100 in English, 58 out of 70 in Spanish, and 40 out of 50 in Japanese. What was the total percentage achieved by him?

(A) ○ 0.82 - (Optional 3)

(B) ○ 0.86 - (Optional 2)

(C) ○ 0.8 - (Optional 4)

(D) ○ **0.84 - (Optional 1)**

Question No.106   1.00

Bookmark ☐

142! In the trailing Zeros, let us know.

(A) ○ 36 - (Optional 4)

(B) ○ 30 - (Optional 1)

(C) ○ **34 - (Optional 3)**

(D) ○ 32 - (Alternative 2)

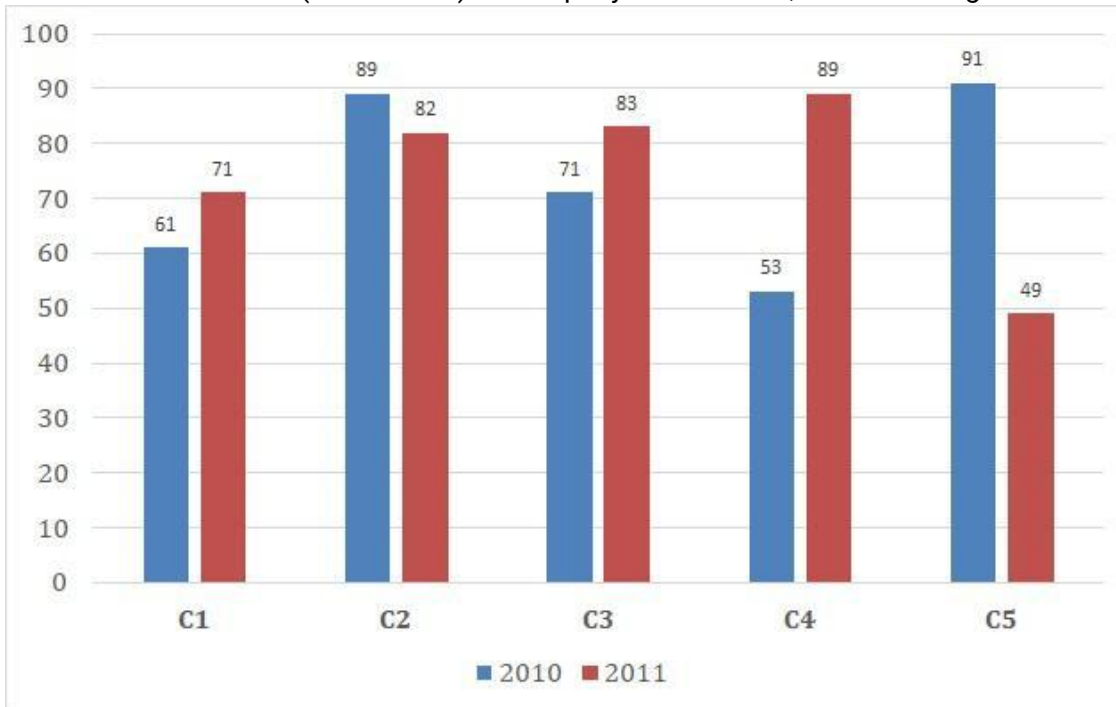**Question No.107**   1.00

Bookmark ☐

Instructions.
Study the graph below and answer the question based on it?
The sales of books (in thousand) of books issued in two consecutive years of 2010 and 2011 of

five branches of a publishing company (C1, C2, C3, C4 and C5) have been given.
Find out the total sales (in thousand) of company branches C1, C3 and C5 together in two years?

(A) ○ 425 - (Alternative 2)
(B) ○ 427 - (Optional 4)
(C) ○ **426 - (Optional 3)**
(D) ○ 423 - (Optional 1)

Question No.108   1.00

Bookmark ☐

Make simple

$$\frac{1}{12} \div \frac{1}{12} \div \frac{1}{12} \div \frac{1}{12} \div \frac{1}{12} = ?$$

(A) ○ 1287 - (Optional 4)
(B) ○ 1278 - (Alternative 2)
(C) ○ **1728 - (Optional 1)**
(D) ○ 1782 - (Alternative 3)

Question No.109   1.00

Bookmark ☐

When a number is divided by 72, the remainder remains 8. When the same number is divided by 9, what will be the remainder?

(A) ○ 4 - (Optional 3)
(B) ○ 7 - (Optional 2)

(C) ○ **8 - (Optional 4)**

(D) ○ 2 - (Optional 1)

Question no.110   1.00

Bookmark ☐

How many ways can the 448 mobile phones be distributed in the same class?

(A) ○ **14 - (Optional 2)**

(B) ○ 12 - (Optional 1)

(C) ○ 16 - (Optional 3)

(D) ○ 18 - (Optional 4)

Question No.111   1.00

Bookmark ☐

If the radius of a circle becomes nine times, how much of its perimeter will be the perimeter of the perimeter?

(A) ○ 11 - (Optional 4)

(B) ○ **9 - (Optional 2)**

(C) ○ 8 - (Optional 1)

(D) ○ 10 - (Optional 3)

Question no.112   1.00

Bookmark ☐

Selling an item for 2500 rupees gets 11% more profit from the loss obtained if the same item is sold at the same rate for 1234 rupees. Know the purchase price of that item?

(A) ○ Rs.1843 - (Optional 3)

(B) ○ **Rs.1834 - (Optional 1)**

(C) ○ Rs.1348 - (Optional 4)

(D) ○ Rs.1384 - (Optional 2)

Question No.113   1.00

Bookmark ☐

266 m A train takes 67 seconds to cross the long bridge. If the same train takes 29 seconds to cross a board, then tell the length of the train.

(A) ○ 200m - (Optional 1)

(B) ○ 205 m - (Alternative 4)

(C) ○ **203m - (Optional 3)**

(D) ○ 215 m - (Alternative 2)

Question No.114   1.00

Bookmark ☐

If a shopkeeper hikes the purchasing value of a Vastu by 36% and holds a value of 36% on his sale, then he should know the total percentage gain or loss he has received?

(A) ○ **12.96% Loss - (Optional 4)**

(B) ○ 11.56% Loss - (Optional 3)

(C) ○ 11.56% profit - (Optional 1)

(D) ○ 12.96% profit - (Optional 2)

Question No.115

1.00

Instructions.
Study the graph below and answer the question based on it?
Two consecutive years of five branches (C1, C2, C3, C4 and C5) of a publishing company have been given in the sale of books (in thousandths) in 2010 and 2011.
Find the ratio of total sales in the two years of branch C2 and the ratio of total sales in both years of branch C4?
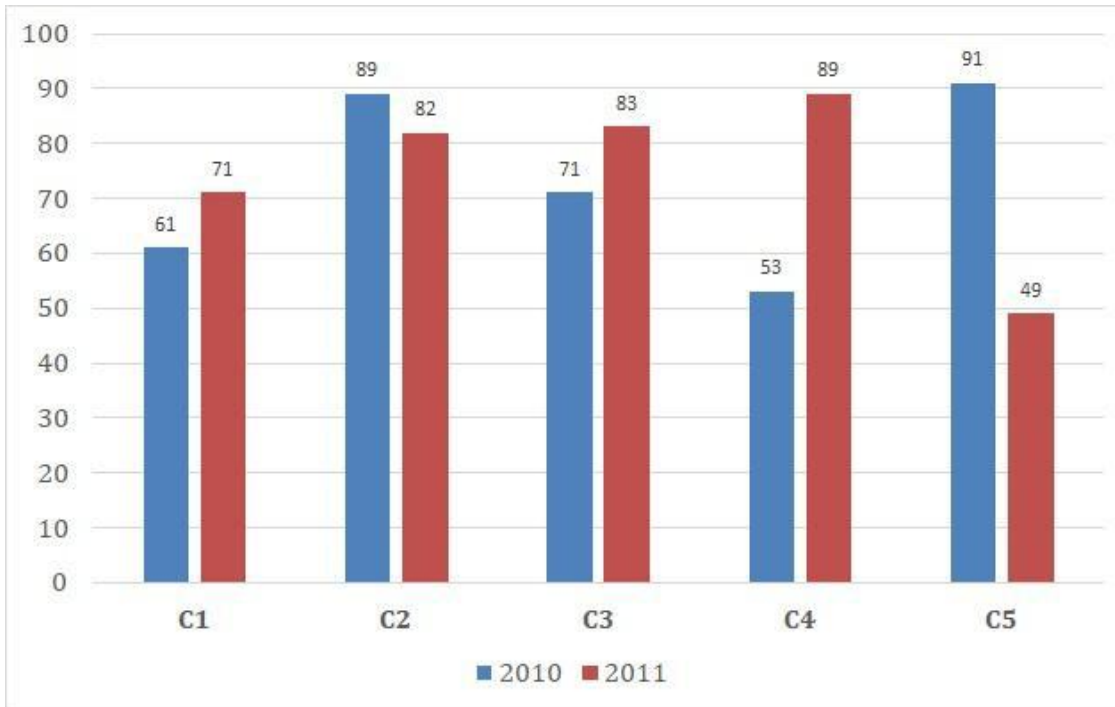
(A) ○ 142: 171 - (Optional 3)
(B) ○ 182: 163 - (Optional 1)
(C) ○ **171: 142 - (Optional 4)**
(D) ○ 163: 182 - (Optional 2)

Question no.116

1.00

Make simple

$$468 \div \left\{ \frac{3}{4} \left[\frac{16}{15} \right] - \frac{2}{3} \right\} = ?$$

(A) ○ 3150 - (Optional 1)
(B) ○ 5310 - (Optional 3)
(C) ○ 5130 - (Optional 4)
(D) ○ **3510 - (Optional 2)**

Question No.117

1.00

At the rate of any compound interest rate, it doubles itself in 3 years, in how many years it will be 128 times its own?

(A) ○ 25 Years - (Optional 4)

(B) ○ 23 years - (Optional 3)

(C) ○ **21 Years - (Alternative 2)**

(D) ○ 19 Years - (Optional 1)

Question no.118 1.00

Tell the product of two numbers, whose smallest equator (LCM) 65 and the maximum consonant (HCF) are 8.

(A) ○ 480 - (Alternative 4)

(B) ○ 420 - (Alternative 2)

(C) ○ 360 - (Optional 3)

(D) ○ **520 - (Optional 1)**

Question No.119 1.00

The ratio of Vicky and Rakesh's movements in distance of 1000 km is 29: 23. Show the ratio of their walks.

(A) ○ **23:29 - (Optional 2)**

(B) ○ 24:29 - (Optional 1)

(C) ○ 29:31 - (Optional 4)

(D) ○ 27:29 - (Optional 3)

Question No.120 1.00

There are 10 rings in a gift box. The average weight of the first four rings is 37gms and the remaining weight of the 6 thumbs is 38gms. Tell the average weight of the full rings. (In grams)

(A) ○ 37.8 - (Optional 4)

(B) ○ 37.2 - (Optional 1)

(C) ○ **37.6 - (Optional 3)**

(D) ○ 37.4 - (Optional 2)

Section 1 - Online Examination

Question No.1   1.00

Bookmark ☐

The interval between the session of a parliament session and the beginning of the next season is called the interval-

(A) ○ Suspension - (Alternative 1)

(B) ○ House dissolution - (Alternative 4)

(C) ○ Indefinitely postponement - (Alternative 2)

(D) ○ **Relaxation - (Optional 3)**

Question No.2   1.00

Bookmark ☐

Where did the Olympics first place outside the United States and Europe?

(A) ○ Tokyo - (Alternative 1)

(B) ○ **Melbourne - (Alternative 3)**

(C) ○ Canberra - (Alternative 2)

(D) ○ Rio - (Alternative 4)

Question No.3   1.00

Bookmark ☐

How many years have India's census done?

(A) ○ 20 years - (Optional 4)

(B) ○ **10 Years - (Alternative 2)**

(C) ○ 5 years - (Optional 1)

(D) ○ 15 years - (Optional 3)

Question No.4   1.00

Bookmark ☐

Which is the second largest organ donation?

(A) ○ **Mollusca - (Alternative 4)**

(B) ○ Arthropoda - (Alternative 1)

(C) ○ Escalaments - (Alternative 3)

(D) ○ Annelida - (Alternative 2)

Question No.5   1.00

Bookmark ☐

Which year was the post of Lok Sabha Speaker (Speaker) and Deputy Speaker (Deputy Speaker)?

(A) ○ 1935 - (Alternative 1)

(B) ○ 1951 - (Alternative 3)

(C) ○ 1947 - (Alternative 2)

(D) ○ **1921 - (Alternative 4)**

Question No.6   1.00

                                                        Bookmark ☐

Where is the World Football Championship organized by FIFA for the first time?
(A) ○ Texas - (Alternative 4)
(B) ○ Gold Coast - (Alternative 2)
(C) ○ **Montevideo - (Alternative 1)**
(D) ○ Lisbon - (Alternative 3)

Question No.7   1.00

                                                        Bookmark ☐

The reaction of nitril and Easter is done by the reaction of aldehyde production?
(A) ○ Ikylon Reaction - (Alternative 4)
(B) ○ Eatard Reaction - (Alternative 3)
(C) ○ Rosenmund opt out - (Alternative 2)
(D) ○ **Stephen Reaction - (Alternative 1)**

Question No.8   1.00

                                                        Bookmark ☐

The proposal for General Anti Avoidance Rules (GAAR) was passed for the first time-
(A) ○ **Direct Tax Code 2010 - (Alternative 2)**
(B) ○ In GST Amendment - (Optional 1)
(C) ○ FFSLRC - (Optional 4)
(D) ○ FSDC Recommendation - (Optional 3)

Question No.9   1.00

                                                        Bookmark ☐

In the Rajya Sabha, the allocation of seats in States and Union Territories comes under which schedule?
(A) ○ Third - (Optional 1)
(B) ○ **Fourth - (Optional 3)**
(C) ○ Second - (Optional 2)
(D) ○ Seventh - (Optional 4)

Question No.10   1.00

                                                        Bookmark ☐

Under which article can the Supreme Court issue a writ?
(A) ○ Article 131 - (Alternative 2)
(B) ○ **Article 32 - (Optional 3)**
(C) ○ Article 143 - (Optional 1)
(D) ○ Article 226 - (Alternative 4)

Question No.11   1.00

                                                        Bookmark ☐

Which minerals are found in abundance in Monazite soil?
(A) ○ Uranium - (Alternative 1)
(B) ○ Plutonium - (Alternative 2)
(C) ○ **Thorium - (Alternative 3)**
(D) ○ Iridium - (Alternative 4)

Question No.12

1.00

What does 'Dan' mean in the game of judo?
(A) ○ **Owner - (Optional 2)**
(B) ○ Loser - (Alternative 3)
(C) ○ Ref - (Alternative 1)
(D) ○ Students - (Alternative 4)

Question No.13

1.00

Victoria Lake is in which of these continent?
(A) ○ Asia - (Alternative 1)
(B) ○ **Africa - (Alternative 3)**
(C) ○ Australia - (Alternative 2)
(D) ○ Antarctica - (Alternative 4)

Question No.14

1.00

The word 'Dead Ball' is related to which of the following games?
(A) ○ Sword Bazy - (Alternative 2)
(B) ○ Weightlifting - (Alternative 1)
(C) ○ Snorkel - (Alternative 3)
(D) ○ **Cricket - (Alternative 4)**

Question No.15

1.00

Point defect in crystal lattice is a type of frankel defect. By what name is it known?
(A) ○ Scotty Defect - (Alternative 4)
(B) ○ Interstitial Defects - (Optional 1)
(C) ○ Hematological defects - (Alternative 2)
(D) ○ **Displacement defects - (Optional 3)**

Question No.16

1.00

In what form are the areas which come in the downstream of the Visarpi river (the river that constantly changes its path)?
(A) ○ Peniplen - (Alternative 4)
(B) ○ **Oxbow Lake - (Alternative 3)**
(C) ○ Auxiliary River - (Alternative 1)
(D) ○ River Branch - (Alternative 2)

Question no.17

1.00

The longest river in Europe is-
(A) ○ Ural - (Alternative 2)
(B) ○ **Volga - (Alternative 4)**
(C) ○ Danube - (Alternative 3)
(D) ○ Nipper - (Alternative 1)

Question No.18

1.00

What are the South Indian languages related to which language group?
(A) ○ **Dravid - (Alternative 3)**
(B) ○ Tibet-Burman - (Alternative 2)
(C) ○ Austrique - (Optional 4)
(D) ○ Anglo-Indians - (Alternative 1)

Question No.19

1.00

By what name is the Bhoodan-Gramadan movement started by Vinoba Bhave?
(A) ○ Civil Revolution - (Alternative 4)
(B) ○ Green Revolution - (Alternative 1)
(C) ○ White Revolution - (Alternative 2)
(D) ○ **Bloodless Revolution - (Alternative 3)**

Question No.20

1.00

What are the wide open areas of South Africa called?
(A) ○ Downs - (Alternative 1)
(B) ○ **Welds - (Alternative 2)**
(C) ○ Pair - (optional 3)
(D) ○ Compass - (Optional 4)

Question no.21

1.00

What is the change achieved when the change in velocity divided by intermittent?
(A) ○ Average Displacement - (Alternative 4)
(B) ○ **Average Acceleration - (Alternative 2)**
(C) ○ Average Speed - (Optional 3)
(D) ○ Average velocity - (Optional 1)

Question no.22

1.00

What is called Shaivism in the Bhakti movement?
(A) ○ **Nayanar - (Alternative 4)**
(B) ○ Wali - (Alternative 1)
(C) ○ Bodhisattva - (Alternative 2)
(D) ○ Alwar - (Alternative 3)

Question no.23

1.00

Who composed the famous book 'book-ul-Hind'?
(A) ○ **Al-Baruni - (Alternative 1)**
(B) ○ Rich Khusro - (Alternative 3)
(C) ○ Abdur Razzak - (Alternative 4)
(D) ○ Ibn Arabi - (Alternative 2)

Question no.24   1.00

Which of the following is a part of the Iberia Peninsula?
(A) ○ France - (Alternative 3)
(B) ○ Italy - (Alternative 1)
(C) ○ Belgium - (Alternative 4)
(D) ○ **Spain - (Alternative 2)**

Question No.25   1.00

The Consumer Price Index is issued by whom?
(A) ○ Office of the Economic Adviser - (Alternative 1)
(B) ○ Finance Commission - (Alternative 2)
(C) ○ Policy Committee - (Alternative 4)
(D) ○ **Central Statistical Office - (Alternative 3)**

Question no.26   1.00

Which of the following is based on Pascal's law?
(A) ○ Centrifuge - (Alternative 2)
(B) ○ **Hydraulic Lift - (Optional 3)**
(C) ○ Motor - (Optional 4)
(D) ○ Lever - (Optional 1)

Question no.27   1.00

Military law is protected under which paragraph of the Indian Constitution?
(A) ○ Article 36 - (Alternative 2)
(B) ○ Article 32 - (Optional 1)
(C) ○ **Article 34 - (Optional 4)**
(D) ○ Article 31 - (Optional 3)

Question no.28   1.00

Which of the following games is not a competition to jump?
(A) ○ Pole Vault - (Alternative 2)
(B) ○ Hurdles - (Alternative 1)
(C) ○ **Short Run - (Alternative 3)**
(D) ○ Swimming - (Alternative 4)

Question no.29   1.00

Which of the following skills do not belong to the table tennis game?
(A) ○ Spin - (Alternative 4)
(B) ○ **T - (optional 3)**
(C) ○ Grip - (Alternative 1)
(D) ○ Stroke - (Optional 2)

Question No.30　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

Who is published by the Wholesale Price Index (WPI)?
(A) ○ **Office of the Financial Adviser - (Alternative 3)**
(B) ○ Finance Commission - (Alternative 1)
(C) ○ Policy Committee - (Alternative 4)
(D) ○ Central Statistical Office - (Alternative 2)

Question No.31　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

What type of democracy is the goal of policy director theory?
(A) ○ Both social and political democracy - (Alternative 3)
(B) ○ Political democracy - (Alternative 2)
(C) ○ Community Freedom - (Alternative 1)
(D) ○ **Social and Economic Democracy - (Alternative 4)**

Question No.32　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

Out of the following two states, the projects related to geothermal energy have been set up?
(A) ○ Punjab, Jammu and Kashmir - (Alternative 2)
(B) ○ West Bengal and Sikkim - (Alternative 4)
(C) ○ Rajasthan and Himachal Pradesh - (Alternative 3)
(D) ○ **Himachal Pradesh, Jammu and Kashmir - (Alternative 1)**

Question No.33　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

Which of the following was introduced by the practice of burning horses?
(A) ○ Babar - (Alternative 3)
(B) ○ Balban - (Alternative 4)
(C) ○ Akbar - (Alternative 1)
(D) ○ **Allauddin Khilji - (Alternative 2)**

Question No.34　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

Modified cathodes are called corona particles in the ray tube-
(A) ○ **Canal rays - (Alternative 1)**
(B) ○ Ultraviolet Rays - (Alternative 4)
(C) ○ Neutron - (Alternative 3)
(D) ○ X-rays - (Alternative 2)

Question No.35　　　　　　　　　　　　　　　　　　　　　　1.00

Bookmark ☐

The word 'chinsila' is related to whom?
(A) ○ **Sufi Sampraday (Alternative 3)**
(B) ○ Sikh Sampraday - (Alternative 2)
(C) ○ Imperial Decree - (Alternative 4)
(D) ○ Devotional Sect - (Alternative 1)

Question No.36

1.00

Bookmark ☐

There is a gravitational force on a particle within the spherical shell-
(A) ○ **Zero - (Optional 2)**
(B) ○ Negative - (Optional 4)
(C) ○ One - (Optional 1)
(D) ○ Infinity - (Alternative 3)

Question No.37

1.00

Bookmark ☐

The arrangement of leaves on stems or branches is called-
(A) ○ SpinTaxi - (Alternative 4)
(B) ○ Pulmotela - (Alternative 1)
(C) ○ Tendroxy - (Alternative 2)
(D) ○ **Phylax - 3**

Question No.38

1.00

Bookmark ☐

Which act was done by decentralization of Madras and Bombay?
(A) ○ Act of 1858 for Better Governance - (Optional 1)
(B) ○ Morley-Minto Correction, 1909 - (Alternative 3)
(C) ○ Montagu Chelmsford Reforms, 1919 - (Alternative 4)
(D) ○ **Act 1861 - (Alternative 2)**

Question No.39

1.00

Bookmark ☐

The financial sector development council (FSDC) was set up to replace one of the following?
(A) ○ High Level Committee on Trade Market - (Alternative 1)
(B) ○ Integrated Financial Agency - (Alternative 4)
(C) ○ Financial Correction Agency - (Alternative 3)
(D) ○ **High Level Committee on Capital Markets - (Alternative 2)**

Question No.40

1.00

Bookmark ☐

What is the 'pro-puar' (in the interest of the poor), according to their vulnerability on taxpayers?
(A) ○ Proportional Taxation - (Optional 3)
(B) ○ Adverse Taxation - (Alternative 2)
(C) ○ **Progressive taxation - (Optional 1)**
(D) ○ Indirect Taxation - (Alternative 4)

Question No.41

1.00

Bookmark ☐

Which of the following festivals is called the festival of colors?
(A) ○ **Holi - (Alternative 1)**
(B) ○ Janmashtami - (Alternative 2)
(C) ○ Durga Pooja - (Alternative 3)
(D) ○ Dussehra - (Alternative 4)

Question No.42

1.00

Which year was the National Women's Commission established?
(A) ○ 1989 - (Alternative 3)
(B) ○ 1993 - (Alternative 4)
(C) ○ 1991 - (Alternative 2)
(D) ○ **1992 - (Alternative 1)**

Question No.43

1.00

Which of the following dance styles is known as 'Saga of East'?
(A) ○ Mohiniattum - (Alternative 1)
(B) ○ Kuchipudi - (Alternative 2)
(C) ○ **Kathakali - (Alternative 3)**
(D) ○ Kathak - (Alternative 4)

Question no.44

1.00

Which state is associated with traditional Muppets of Gombeatta?
(A) ○ Tamil Nadu - (Alternative 1)
(B) ○ Andhra Pradesh - (Alternative 3)
(C) ○ Kerala - (Alternative 4)
(D) ○ **Karnataka - (Alternative 2)**

Question No.45

1.00

According to the Child Labor Prevention Act (Amendment) 2016, labor is restricted to children of the age group.
(A) ○ **14 - (Optional 1)**
(B) ○ 16 - (Optional 2)
(C) ○ 18 - (Optional 3)
(D) ○ 7 - (Optional 4)

Question No.46

1.00

Which tissue is found in the human body as the hardest and bony tissue?
(A) ○ Cartilage - (Alternative 2)
(B) ○ Collagen - (Alternative 3)
(C) ○ **Bone - (Alternative 1)**
(D) ○ Epithelial Tissue - (Alternative 4)

Question no.47

1.00

Who headed the second 'backward caste commission'?
(A) ○ Demand Barred Paramuna - (Alternative 3)
(B) ○ Kaka Blackar - (Alternative 2)
(C) ○ Fazal Ali - (Alternative 4)
(D) ○ **BP Division - (Optional 1)**

Question no.48

1.00

Bookmark ☐

In which of the following states are the highest number of permanent forests?
(A) ○ Kerala - (Alternative 2)
(B) ○ Assam - (Alternative 4)
(C) ○ Tamil Nadu - (Alternative 3)
(D) ○ **Madhya Pradesh - (Alternative 1)**

Question No.49

1.00

Bookmark ☐

The Bahamani state was the most powerful under whose rule?
(A) ○ Alauddin Hassan - (Alternative 2)
(B) ○ Firoz Shah Bahman - (Alternative 1)
(C) ○ Ahmed Shah - (Alternative 4)
(D) ○ **Mahmoud Gavan - (Alternative 3)**

Question No.50

1.00

Bookmark ☐

Which year did Aamir Taimur invade Delhi?
(A) ○ 1396 - (Alternative 2)
(B) ○ 1395 - (Optional 1)
(C) ○ 1397 - (Optional 3)
(D) ○ **1398 - (Optional 4)**

Question No.51

1.00

Bookmark ☐

Find the next number in the following series:
15, 31, 64, 131, 266,?
(A) ○ 545 - (Optional 3)
(B) ○ 550 - (Alternative 2)
(C) ○ 560 - (Optional 1)
(D) ○ **537 - (Optional 4)**

Question No.52

1.00

Bookmark ☐

From the selection of the correct figure that meets the given picture:
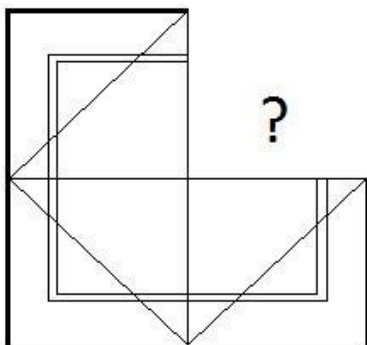
(A) ○
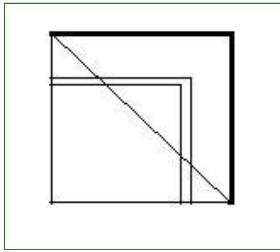
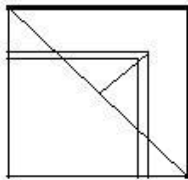 - (Optional 3)

(B) ○
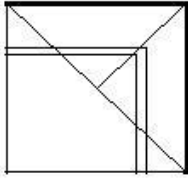
 - (Optional 2)

(C) ○
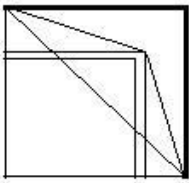
 - (Optional 1)

(D) ○

 - (Optional 4)

Question No.53

1.00

Bookmark ☐

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

SHAPE

(A) ○

ƎꟼAHƧ - (Optional 2)

(B) ○

ƧHAꟼE - (Optional 4)

(C) ○

ƧHAꟼƎ - (Optional 1)

(D) ○

Question No.54   1.00

Find the next number in the following series:
14, 19, 38, 43, 86,?
(A) ○ **91 - (Optional 3)**
(B) ○ 92 - (Optional 4)
(C) ○ 90 - (Optional 2)
(D) ○ 89 - (Optional 1)

Question no.55   1.00

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.

Currently, logically, there is tremendous opportunity for this time the most famous Indian Test cricket team. It has won only two of the last eight Tests played out of Asia, the remaining six are lost. It needs to improve its performance, and Australia is the most suitable place for it. Because the conditions at this time are completely different.
A good series of winning a series in Australia can not be any more. Because at that time his two middle-order batsmen Steve Waugh and Ricky Ponting are not in the Australian team, who always perform well for their team and due to which teams are afraid of playing against them on their home pitches.
The current Australian team has lost three of the last five Test series. Australia is in miserable position in the absence of two of their best batsmen, Steve Smith and David Warner. Both of these batsmen are still suspended from three.
Statement: The absence of Steve Smith and David Warner is a blow to the Australian team.

Select the most appropriate option from the following.
A-statement is absolutely true.
B-Query is probably true.
C-statement can not be reviewed.
D-statement is completely false.
(A) ○ B - (Alternative 2)
(B) ○ D - (Alternative 4)
(C) ○ C - (Alternative 3)
(D) ○ **A - (Alternative 1)**

Question no.56   1.00

Four of the following given five letters are similar in some way and so they form a group among themselves. Which of these is not related to this group?
U, X, I, O, E
(A) ○ O - (Alternative 1)
(B) ○ U - (Alternative 3)
(C) ○ I - (Optional 4)
(D) ○ **X - (Alternative 2)**

Question no.57   1.00

In this question, a statement and related two conclusions have been given in the form of i and ii. You should consider the things given in the statements as true and to determine which conclusions are relevant in relation to the statements?
Statement: It is good to drink coffee twice a day.
Conclusion:
i). Coffee can be a health drink.
ii). Coffee is more healthier than tea.

Select the one most suitable in the following options:
A. The only conclusion i is logical is
B. The only conclusion ii is logical is
C. either the conclusions i or ii is rational
D. Neither conclusion ii nor rational is
E. i and ii both conclusions are rational.

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

Question no.58   1.00

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.
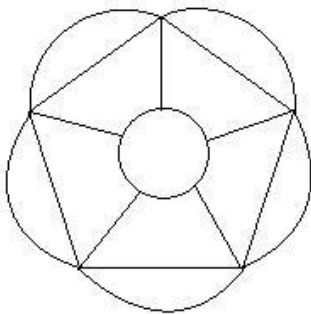Square: Perimeter :: Circle: ??

(A) ○ **Circumference - (Alternative 4)**
(B) ○ Cylinder - (Optional 3)
(C) ○ Diagonal - (Alternative 2)
(D) ○ Volume - (Optional 1)

Question No.59   1.00

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

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

Question No.60   1.00

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.
Letter: Envelope :: Coconut: ??

(A) ○ Eat - (Alternative 2)
(B) ○ **Shell - (Alternative 1)**
(C) ○ Food - (Optional 3)
(D) ○ Water - (Alternative 4)

Question No.61   1.00

In this question the relationship between different characters has been given in the statement. Two conclusions related to the statement have been given.
Statement: S <C ≤ R = E> A ≥ M
Conclusion:
i) S <E
ii) R> M

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

Question No.62   1.00

Bookmark ☐

Select the correct option from the following options that creates a perfect square (three of the 5 images are given below):

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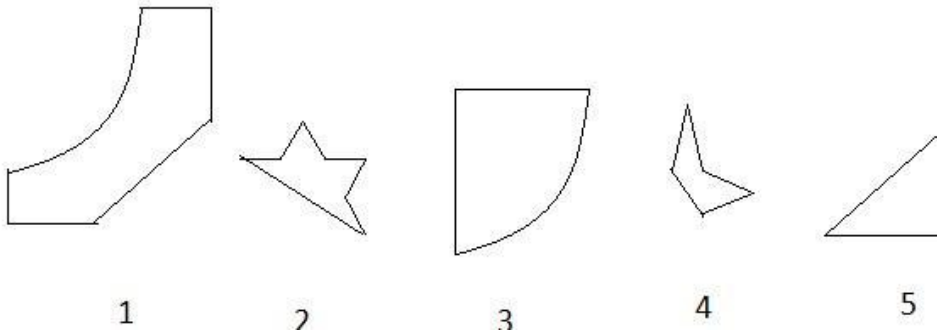
(A) ○ 3,4,5 - (Optional 3)
(B) ○ 1,4,5 - (Alternative 2)
(C) ○ 2,3,4 - (Optional 1)
(D) ○ **1,3,5 - (Optional 4)**

Question No.63   1.00

Bookmark ☐

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.
Z: M :: S: ??
(A) ○ **F - (Alternative 4)**
(B) ○ H - (Alternative 3)
(C) ○ G - (Alternative 2)

(D) ○ D - (Alternative 1)

Question No.64   1.00

In a fixed code language, LAUGH is coded as EPRLK. How to code CHIRP in the same language?
(A) ○ KFESU - (Optional 3)
(B) ○ LFETV - (Optional 1)
(C) ○ LGFSU - (Alternative 2)
(D) ○ **LGFTV - (Alternative 4)**

Question No.65   1.00

Four of the following given five are similar in some way and so they form a group among themselves.
Which of these is not related to this group?
Yell, murmer, shout, scream, cry
(A) ○ Scream - (Alternative 1)
(B) ○ Shout - (Alternative 3)
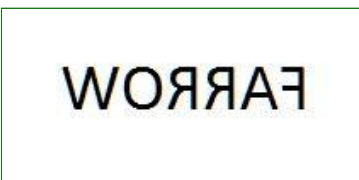(C) ○ Yell - (Alternative 2)
(D) ○ **Murmer - (Alternative 4)**

Question No.66   1.00

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

FARROW /

(A) ○

WORRAꟻ   - (Optional 1)

(B) ○

꓄AꓤꓤOM   - (Optional 2)

(C) ○

WOꓤꓤAꟻ   - (Optional 3)

(D) ○

WOꓤꓤAF   - (Optional 4)

Question No.67

1.00

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

Statement: $C < R = E \leq D; D = O < W \geq N; N > U \geq T$
Conclusion:
i) $C < W$
ii) $W \geq T$
iii) $D < N$

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

Question No.68

1.00

If N is the spouse of M (husband or wife) whose daughter is O. M is the grandfather of P, whose father is L. O is not married to L. What is the relation of O to P?

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

Question No.69

1.00

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

The eight friends A, B, C, D, E, F, G and H are sitting in one line, not necessarily their order. 4 of them are on the north side and 4 towards the south.

i) D and G are sitting on both ends of the line.
ii) C and E are neighbors.
iii) The location of F is the fourth on the right side of G and the second to the left of the B.
iv) D is not a neighbor of B or C.
v) A is sitting at the third position on the right side of E, whose mouth is towards the north.
vi) The faces of F, A and D are in the same direction.

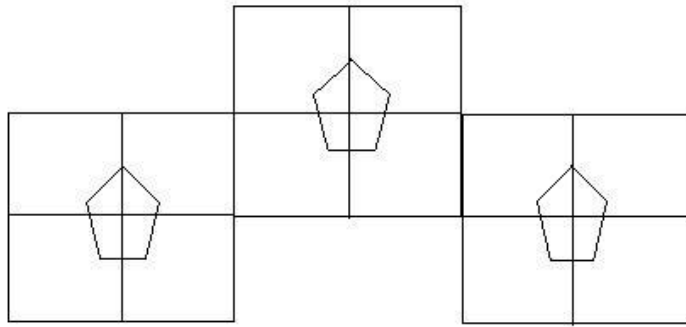Who is sitting at the fourth position on the right side of C?

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

Question No.70

1.00

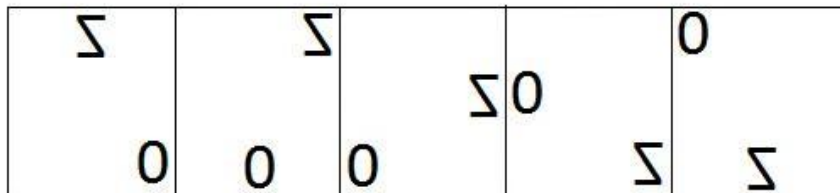How many classes are there in the given picture?

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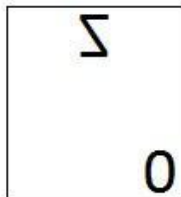(D) ○ 13 - (Optional 1)

Question No.71

Bookmark ☐

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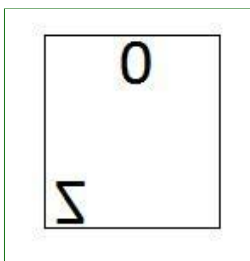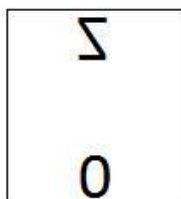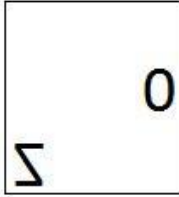

(A) ○

- (Optional 1)

(B) ○

- (Optional 2)

(C) ○

- (Optional 3)

(D) ○

 - (Optional 4)

Question No.72

1.00

Find the next number in the following series:
37, 38, 42, 51, 67,?
(A) ○ 97 - (Optional 3)
(B) ○ 99 - (Optional 1)
(C) ○ **92 - (Alternative 2)**
(D) ○ 102 - (Optional 4)

Question No.73

1.00

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

The eight friends A, B, C, D, E, F, G and H are sitting in one line, not necessarily their order. 4 of them are on the north side and 4 towards the south.

i) D and G are sitting on both ends of the line.
ii) C and E are neighbors.
iii) The location of F is the fourth on the right side of G and the second to the left of the B.
iv) D is not a neighbor of B or C.
v) A is sitting at the third position on the right side of E, whose mouth is towards the north.
vi) The faces of F, A and D are in the same direction.

In the following options, which group of all members of the group are in the north?
(A) ○ **H, E & B - (Alternative 3)**
(B) ○ A, F & G - (Alternative 4)
(C) ○ E, C & G - (Alternative 1)
(D) ○ A, D & B - (Alternative 2)

Question No.74

1.00

In a fixed code language SHRIEK is coded as HSIRVP. How will SQUEAL be coded in the same language?
(A) ○ QSEUOZ - (Optional 2)
(B) ○ **HJFVZO - (Optional 3)**
(C) ○ HJVFOZ - (Alternative 4)
(D) ○ QSEULA - (Optional 1)

Question No.75

1.00

In this question three statements and three related conclusions have been given. You should consider the things given in the statements as truth and to determine which conclusions are relevant in relation to the statements?

Statement: All pen pencils are all pad pencils. All are lid pads.
Conclusion:
i. There are some pen pads.
ii. All are lid pencils.
iii. There are some pencil pens.
(A) ○ **Only ii and iii are logical - (optional 3)**
(B) ○ Only I and ii are rational - (Alternative 2)
(C) ○ All are rational - (Alternative 1)
(D) ○ Only i is rational - (Alternative 4)

Question No.76   1.00

Bookmark ☐

Read the following statements and answer the question on their basis.
A + B means that A is B's son,
AB is the daughter of A, B is
A * B, meaning A is B's sister
A / B means A is a brother of B

based on the above information. According to the equation W + X * Y / Z, what is the relation of Z to Z?
(A) ○ **Nephew - (Alternative 3)**
(B) ○ Nice - (Alternative 1)
(C) ○ Uncle - (Alternative 2)
(D) ○ Aunt - (Alternative 4)

Question No.77   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.
1213: 14 :: 4501: ??
(A) ○ 10 - (Optional 1)
(B) ○ **20 - (Optional 2)**
(C) ○ 40 - (Optional 4)
(D) ○ 30 - (Optional 3)

Question No.78   1.00

Bookmark ☐

Two statements in this question and two related findings have been given in the form of i and ii. You should consider the statements given in the statements as valid and to determine which conclusions are relevant in relation to the statements?
Statement: All candles are gone. All the lights are out.
Conclusion:
i). Some candles are lighter.
ii). Some wickers are lighters.

Select one of the most suitable in the following options:
A. The only conclusion i rational is
B. The only conclusion ii is logical
C. The conclusions i or ii is logical
D. Neither the conclusion ii nor the rational is
E. i and ii both conclusions are rational.
(A) ○ A - (Alternative 1)
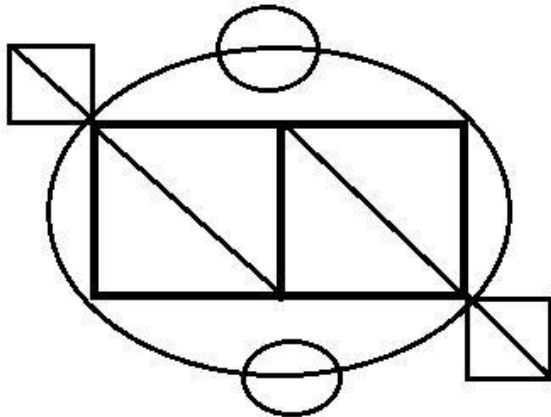(B) ○ C - (Alternative 3)
(C) ○ **B - (Alternative 2)**

(D) ○ D - (Alternative 4)

Question No.79   1.00

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

(A) ○ **8 - (Optional 1)**
(B) ○ 5 - (Optional 3)
(C) ○ 12 - (Optional 4)
(D) ○ 6 - (Optional 2)

Question No. 80   1.00

A woman pointing to a man said, "She is the grandfather of daughter of the daughter of my father's wife." How is that person related to that woman?
(A) ○ Uncle - (Alternative 2)
(B) ○ **In-laws - (Alternative 1)**
(C) ○ Brother - (Alternative 4)
(D) ○ Grandfather - (Alternative 3)

Question No.81   1.00

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.

Currently, logically, there is tremendous opportunity for this time the most famous Indian Test cricket team. It has won only two of the last eight Tests played out of Asia, the remaining six are lost. It needs to improve its performance, and Australia is the most suitable place for it. Because the conditions at this time are completely different.
A good series of winning a series in Australia can not be any more. Because at that time his two middle-order batsmen Steve Waugh and Ricky Ponting are not in the Australian team, who always perform well for their team and due to which teams are afraid of playing against them on their home pitches.
The current Australian team has lost three of the last five Test series. Australia is in miserable position in the absence of two of their best batsmen, Steve Smith and David Warner. Both of these batsmen are still suspended from three.

Statement: The author has mentioned Steve Waugh and Ricky Ponting in reference to how strong the Australian team was earlier.

Select the most appropriate option from the following.
A-statement is absolutely true.

B-Query is probably true.
C-statement can not be reviewed.
D-statement is completely false.
(A) ○ **A - (Alternative 1)**
(B) ○ B - (Alternative 2)
(C) ○ C - (Alternative 3)
(D) ○ D - (Alternative 4)

Question No.82   1.00

Bookmark ☐

Four of the following given five are similar in some way and so they form a group among themselves.
Which of these is not related to this group?
NPR, OQM, BDF, VXZ, HJL
(A) ○ NPR - (Optional 4)
(B) ○ BDF - (Alternative 1)
(C) ○ HJL - (Optional 3)
(D) ○ **OQM - (Alternative 2)**

Question no.83   1.00

Bookmark ☐

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

The eight friends A, B, C, D, E, F, G and H are sitting in one line, not necessarily their order. 4 of them are on the north side and 4 towards the south.

i) D and G are sitting on both ends of the line.
ii) C and E are neighbors.
iii) The location of F is the fourth on the right side of G and the second to the left of the B.
iv) D is not a neighbor of B or C.
v) A is sitting at the third position on the right side of E, whose mouth is towards the north.
vi) The faces of F, A and D are in the same direction.

Based on the above-mentioned arrangement of seating, which statement given in the following options is true?

(A) ○ E and A are sitting in the same direction - (Optional 1)
(B) ○ Two people are sitting between C and H - (Alternative 3)
(C) ○ **D is in the opposite direction of mouth B - (Alternative 4)**
(D) ○ G is sitting at the fourth position on the right side of F - (Alternative 2)

Question no.84   1.00

Bookmark ☐

According to the diagram, there are 6 letters A, B, C, D, E and F on the surfaces of one dice shown. Which letter is marked on the surface opposite the A face surface?
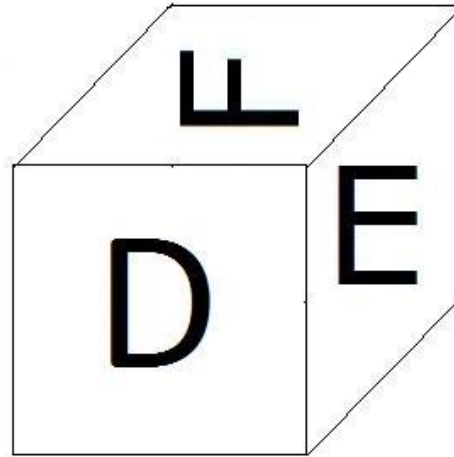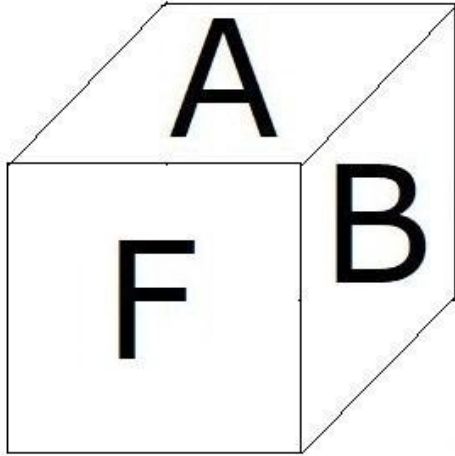
(A) ○ F - (Optional 3)
(B) ○ C - (Alternative 4)
(C) ○ D - (Alternative 2)
(D) ○ **E - (Alternative 1)**

Question no.85   1.00

Bookmark ☐

Find the next number in the following series:
57, 59, 62, 67, 74,?
(A) ○ 90 - (Optional 3)
(B) ○ 93 - (Alternative 4)
(C) ○ **85 - (Optional 1)**
(D) ○ 86 - (Alternative 2)

Question no.86   1.00

Bookmark ☐

If you sell any item for 513 rupees, then the profit you received for selling the same item at 993 rupees is 60% loss. Find the purchase price of that item? (In Rs.)
(A) ○ 493 - (Alternative 4)
(B) ○ 593 - (Optional 3)
(C) ○ 793 - (Alternative 2)
(D) ○ **693 - (Optional 1)**

Question No.87   1.00

Bookmark ☐

At the same amount, the difference of compound interest and simple interest earned in two years, at the interest rate of interest, is 72 rupees. If the interest rate is 4% annual, then calculate the amount invested (in Rs.)?
(A) ○ 43,000 - (Optional 4)
(B) ○ 44,000 - (Optional 2)
(C) ○ **45,000 - (Optional 1)**
(D) ○ 42,000 - (Optional 3)

Question no.88   1.00

Find the value of x:

$$\frac{2}{5}(x) + \frac{3}{10}(x) - \frac{3}{5}(x) = 521$$

(A) ○ 5310 - (Optional 3)
(B) ○ 5110 - (Optional 1)
(C) ○ **5210 - (Alternative 2)**
(D) ○ 5410 - (Optional 4)

Question No.89   1.00

A person reaches the hospital with a speed of 15 kmph and a delay of 4 minutes from the hostel. If he used to ride a bike at a speed of 20 kmph then it would reach 4 minutes early. Find the distance between the hostel and the college? (in km)
(A) ○ 6 - (Optional 2)
(B) ○ **8 - (Optional 4)**
(C) ○ 5 - (Optional 1)
(D) ○ 7 - (Optional 3)

Question No.90   1.00

Simplify:

$$15.37 + 13.52 + 16.37 - 28.46 = 3 \times ?$$

(A) ○ 5.7 - (Optional 4)
(B) ○ 5.5 - (Optional 2)
(C) ○ 5.4 - (Optional 1)
(D) ○ **5.6 - (Optional 3)**

Question No.91   1.00

Martin donates 13% of his salary to an institution of blind, 12% of orphans, and 14% of the body of the organism, and gives 16% of his salary as help in setting up a medical camp. The remaining Rs 42,300 He deposits in the bank for the monthly expense. How much does he donate to the orphans? (In Rs.)
(A) ○ 11,480 - (Optional 3)
(B) ○ 11,580 - (Optional 4)
(C) ○ **11,280 - (Optional 1)**
(D) ○ 11,380 - (Optional 2)

Question No.92

1.00

Bookmark ☐

The ratio of milk and water to 77 liters is 3: 4. If this ratio is changed to 3: 5, then know the amount of excess water mixed in the mixture. (In liters)

(A) ○ 12 - (Optional 2)

(B) ○ **11 - (Optional 1)**

(C) ○ 13 - (Optional 3)

(D) ○ 14 - (Optional 4)

Question No.93

1.00

Bookmark ☐

A bulb maker company found that 13% of its total product was poor. If the number of correct products is 4872, then find the number of bad products?

(A) ○ 708 - (Optional 1)

(B) ○ **728 - (Optional 3)**

(C) ○ 718 - (Alternative 2)

(D) ○ 738 - (Alternative 4)

Question No.94

1.00

Bookmark ☐

When the radius of the circle is 18 times its circumference will increase the circumference of the circle of the previous?

(A) ○ 17 - (Optional 1)

(B) ○ 20 - (Optional 4)

(C) ○ 19 - (Optional 3)

(D) ○ **18 - (Optional 2)**

Question No.95

1.00

Bookmark ☐

A person travels at the speed of 12 kmph, 14 kmph and 28 kmph on the surface of an equilateral triangular plane. Find her average speed? (in kmph)

(A) ○ 15.95 - (Optional 4)

(B) ○ 15.65 - (Optional 1)

(C) ○ **15.75 - (Optional 2)**

(D) ○ 15.85 - (Optional 3)

Question No.96

1.00

Bookmark ☐

The station master decided to increase the length of a rectangular digital board by 5% and reduce the width by 5%. Find out the total change in the area of the board?

(A) ○ **0.25% reduction - (Optional 2)**

(B) ○ 0.25% increase - (Optional 1)

(C) ○ 0.36% reduction - (Optional 4)

(D) ○ 0.36% increase - (Optional 3)

Question No.97

1.00

Bookmark ☐

Divide a number by 119, 11 remains the remainder. By dividing the same number by 17, how much will the remainder get?

○

(A)　　14 - (Optional 1)
(B) ○　12 - (Optional 3)
(C) ○　13 - (Optional 2)
(D) ○　**11 - (Optional 4)**

Question No.98   1.00

Bookmark ☐

594 How can the mobile number of students of any class be divided equally?
(A) ○　17 - (Optional 3)
(B) ○　14 - (Optional 1)
(C) ○　**16 - (Optional 2)**
(D) ○　15 - (Optional 4)

Question No.99   1.00

Bookmark ☐

25√3 cm If the cuboid is melted by making the cuboid, then its height will be, if the length of the cuboid is equal to the arm of the cube and the width of the cuboid is 12.5 cm. (from cm)
(A) ○　51 - (Alternative 2)
(B) ○　53 - (Alternative 4)
(C) ○　**50 - (Optional 1)**
(D) ○　52 - (Optional 3)

Question No.100   1.00

Bookmark ☐

Simplify:

$$289^2 \times 68 \div 17^5 \times 1021 = ?$$

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

Question No.101   1.00

Bookmark ☐

Find the value of x:

$$\sqrt{361} \div 19 + \sqrt{400} = 1 \times x$$

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

Question No.102

1.00

Bookmark ☐

Amir divides 850 gifts into 4 children. First gift of the child in the part of the child, twice the gift which came in the other child's part, three times the gifts which came in the third child's part and four times the gift of the fourth child, all are equal. How many gifts are available to both the first and the second?

(A) ○ 412 - (Optional 1)

(B) ○ 312 - (Alternative 2)

(C) ○ **612 - (Optional 4)**

(D) ○ 512 - (Optional 3)

Question No.103

1.00

Bookmark ☐

7,400, 8% of the annual interest rate was invested. If after 5 years, that amount is withdrawn and half the amount is invested in the stock market, then what will be the remaining amount (in Rs.)?

(A) ○ 5,160 - (Optional 3)

(B) ○ **5,180 - (Optional 4)**

(C) ○ 5,120 - (Optional 1)

(D) ○ 5,140 - (Alternative 2)

Question No.104

1.00

Bookmark ☐

Instructions:
Study the graph the following times and answer the question based on it? Two consecutive years of five branches of a publishing company have been given in the sale of books (thousand) in 2010 and 2011. Find out the average (in thousand) of sales of all branches in 2010?

(A) ○ 64 - (Optional 1)

(B) ○ 70 - (Alternative 4)

(C) ○ **66 - (Alternative 2)**

(D) ○ 68 - (Optional 3)

Question No.105

1.00

Bookmark ☐

A shopkeeper sells a product for Rs 2376 and earns 12.5% profit on it. How much will the half of the purchase price of that item be equal to? (In rupees)

(A) ○ **1,056 - (Optional 3)**
(B) ○ 1,046 - (Optional 2)
(C) ○ 1,066 - (Optional 4)
(D) ○ 1,036 - (Optional 1)

Question No.106   1.00

Bookmark ☐

A shopkeeper, with 45% increase in the purchase price of an item, has a discount of 45% on the sale after marking the price. So let's know the percentage of total profit or loss that it will get?

(A) ○ 19.36% Loss - (Optional 2)
(B) ○ 20.25% profit - (Optional 3)
(C) ○ **20.25% Loss - (Optional 4)**
(D) ○ 19.36% profit - (Optional 1)

Question No.107   1.00

Bookmark ☐

There are 10 bangles in a gift box. The average weight of the first 4 is 55 grams and the average weight of the remaining 6 bangles is 56 grams. Find the total average weight of all bangles (in grams)?

(A) ○ 55.4 - (Optional 1)
(B) ○ 55.7 - (Optional 4)
(C) ○ 55.5 - (Alternative 2)
(D) ○ **55.6 - (Optional 3)**

Question No.108   1.00

Bookmark ☐

There are different types of old coins in the ratio of 3: 5: 7 in a box, whose values are Rs 1, Rs 5 and Rs 10 respectively. If the total value of coins is Rs 588, then Rs 10 What is the total number of coins of value?

(A) ○ 44 - (Alternative 4)
(B) ○ 41 - (Optional 1)
(C) ○ 43 - (Optional 3)
(D) ○ **42 - (Optional 2)**

Question No.109   1.00

Bookmark ☐

The area of a square piece of glass is 1369 cm², which is placed above a table. The width between the glass pieces and one side of the table is 9 cm. Find the length of the table? (in cm)

(A) ○ 57 - (Optional 4)
(B) ○ 51 - (Optional 1)
(C) ○ **55 - (Optional 3)**
(D) ○ 53 - (Alternative 2)

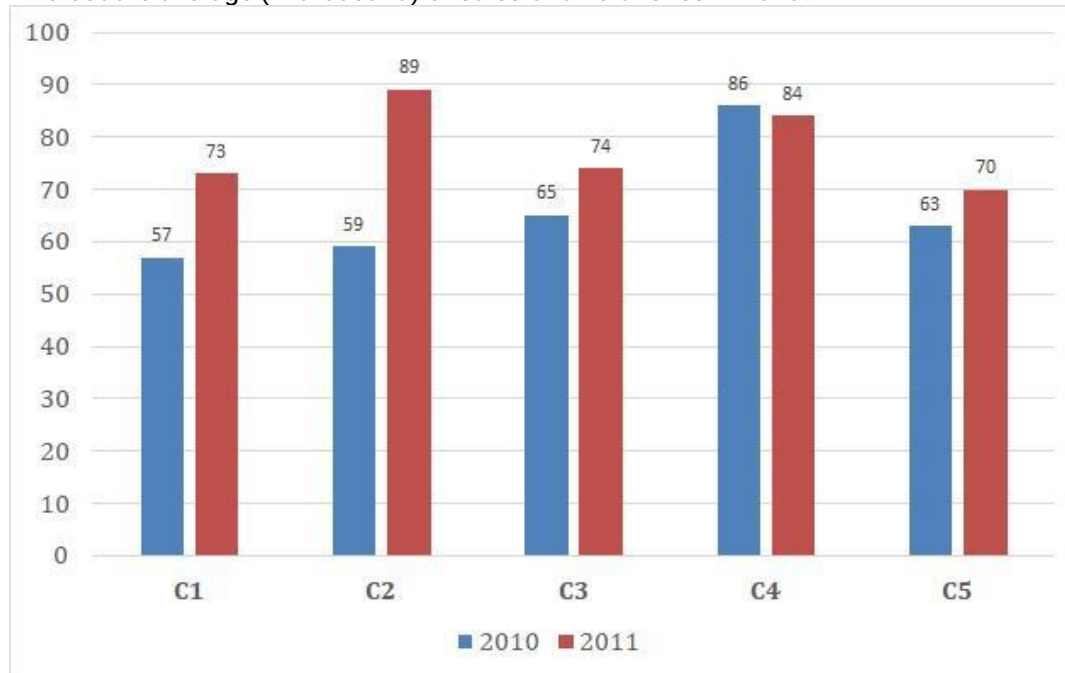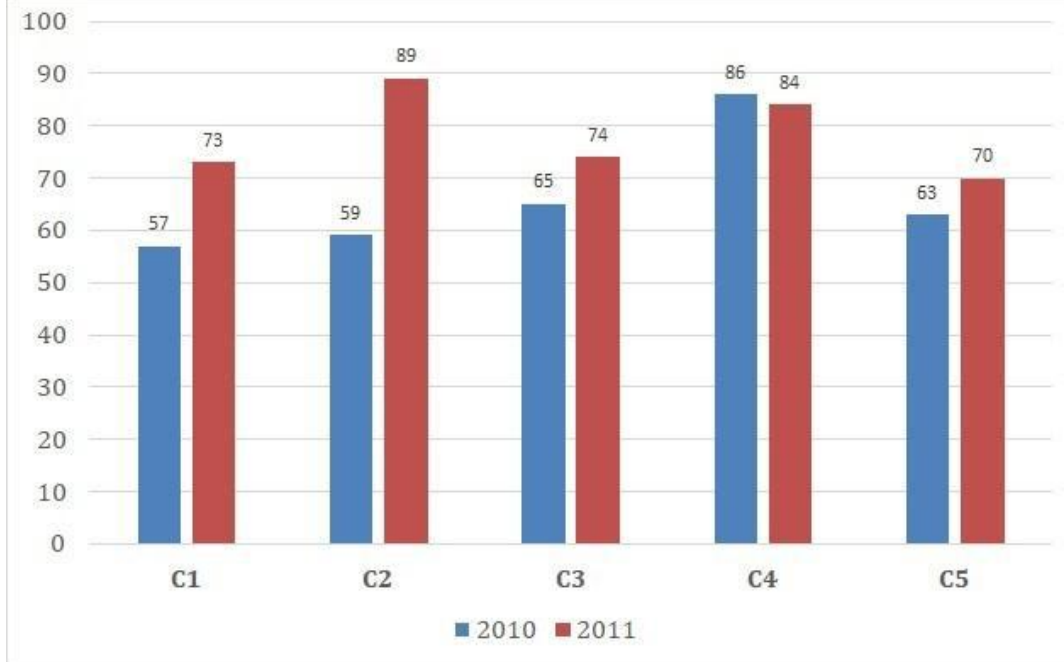**Question no.110**   1.00

Bookmark ☐

Instructions:
Study the graph the following times and answer the question based on it? Two consecutive years of five branches of a publishing company have been given in the sale of books (thousand) in 2010 and 2011.

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

(A) ○ 403 - (Optional 4)
(B) ○ 400 - (Optional 1)
(C) ○ 401 - (Alternative 2)
(D) ○ **402 - (Optional 3)**

Question No.111   1.00

Bookmark ☐

The average weight of 69 notebooks kept in a box is 6.9 kg. Keep 1 notebook in the box and its average weight goes up to 7 kg. Know the load of new notebooks? (in kg)
(A) ○ 13.1 - (Optional 4)
(B) ○ 13.6 - (Optional 2)
(C) ○ **13.9 - (Optional 1)**
(D) ○ 13.4 - (Optional 3)

Question no.112   1.00

Bookmark ☐

Sheila walks at its usual speed (19/20) and determines the normal time it takes in determining a certain distance in a certain distance of 5 minutes from the time it takes in normal speed. (in a minute)
(A) ○ 85 - (Alternative 2)
(B) ○ 80 - (Optional 3)
(C) ○ **95 - (Optional 1)**
(D) ○ 90 - (Alternative 4)

Question No.113   1.00
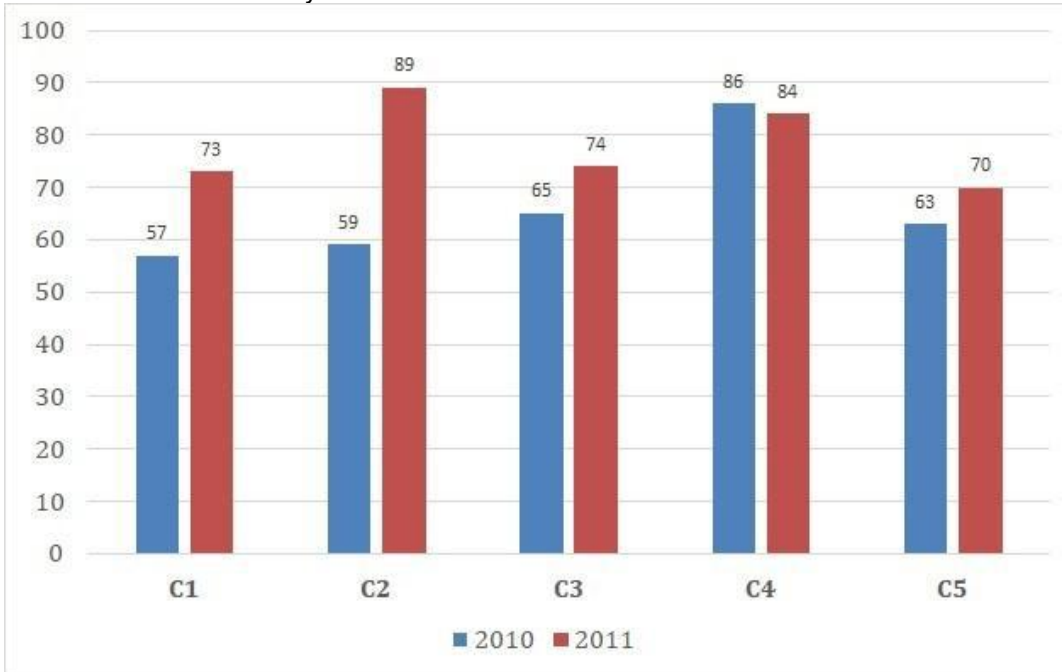
Bookmark ☐

Instructions:
Study the graph the following times and answer the question based on it?
Two consecutive years of five branches of a publishing company have been given in the sale of books (thousand) in 2010 and 2011. Find the ratio of the total sales done in both the years of branch C2 and

the total sales in the two years of branch C4?

Bar chart showing sales values for branches C1–C5 in years 2010 (blue) and 2011 (red):
- C1: 57 (2010), 73 (2011)
- C2: 59 (2010), 89 (2011)
- C3: 65 (2010), 74 (2011)
- C4: 86 (2010), 84 (2011)
- C5: 63 (2010), 70 (2011)

Legend: ■ 2010 ■ 2011

(A) ○ 47:85 - (Optional 2)
(B) ○ 37:58 - (Optional 3)
(C) ○ **74:85 - (Optional 4)**
(D) ○ 73:58 - (Optional 1)

Question No.114 1.00

Bookmark ☐

Vimal receives 44 points out of 80 in French, 83 out of 100 in English, 45 in 70 in Spanish and 38 in 50 in Japanese. Find the total percentage of the marks obtained by him? (%In)

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

Question No.115 1.00

Bookmark ☐

The English company based on a subsidiary project has 627 male and 627 female workers. The average productivity of all employees is 72 calls / day. If a male worker receives 72 calls / day, how much will the number of calls received by women employees per day?

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

Question no.116 1.00

Bookmark ☐

A train takes 56 seconds to cross 238 m long bridge. If the same train takes 22 seconds to cross a sign board, then know the length of the train? (in m)

(A) ○ 151 - (Optional 1)
(B) ○ **154 - (Optional 3)**
(C) ○ 153 - (Alternative 2)
      ○

(D)   152 - (Optional 4)

Question No.117   1.00

Bookmark ☐

On a compound interest, a sum is tripled to the original amount in 4 years. In how many years will it be 729 times its original amount?

(A) ○ 23 - (Optional 3)

(B) ○ **24 - (Optional 2)**

(C) ○ 21 - (Optional 1)

(D) ○ 22 - (Optional 4)

Question no.118   1.00

Bookmark ☐

Find the product of those numbers whose lowest equator (L) is 8249 and the maximum is equal to (ms) 1?

(A) ○ 8549 - (Alternative 4)

(B) ○ 8449 - (Optional 3)

(C) ○ 8349 - (Optional 2)

(D) ○ **8249 - (Optional 1)**

Question No.119   1.00

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The ratio of salaries to Hamid, Clement and Ganesh is 3: 5: 7. If Ganesha gets Rs 884 from Hamid, then how much is Clement's salary (in Rs.)?

(A) ○ 1,104 - (Optional 3)

(B) ○ **1,105 - (Optional 4)**

(C) ○ 1,103 - (Alternative 2)

(D) ○ 1,102 - (Optional 1)

Question No.120   1.00

Bookmark ☐

357! Find the number of trailing zeros in?

(A) ○ **87 - (Optional 3)**

(B) ○ 88 - (Alternative 4)

(C) ○ 85 - (Optional 1)

(D) ○ 86 - (Alternative 2)