Section 1 - Online Examination

Question No.1   1.00

Bookmark ☐

The study of the universe is called _____.

(A) ○ Astrology - (Alternative 1)

(B) ○ Astronomy - (Alternative 3)

(C) ○ Geography - (Alternative 4)

(D) ○ **Cosmology - (Alternative 2)**

Question No.2   1.00

Bookmark ☐

Who invented the subatomic particle-proton?

(A) ○ **Ernest Rutherford - (Alternative 2)**

(B) ○ James Chadwick - (Alternative 1)

(C) ○ Niels Bohr - (Alternative 4)

(D) ○ J.J. Thomson - (Alternative 3)

Question No.3   1.00

Bookmark ☐

Which of the following is the longest river of Southern India?

(A) ○ Kaveri - (Alternative 4)

(B) ○ **Godavari - (Alternative 2)**

(C) ○ Narmada - (Alternative 1)

(D) ○ Krishna - (Alternative 3)

Question No.4   1.00

Bookmark ☐

According to the 2011 census, India's literacy rate is _____.

(A) ○ 72 percent - (Optional 2)

(B) ○ 70 percent - (Optional 1)

(C) ○ **74 percent - (Optional 3)**

(D) ○ 76 percent - (Optional 4)

Question No.5   1.00

Bookmark ☐

What is the capital of Spain?

(A) ○ **Madrid - (Alternative 2)**

(B) ○ Seville - (Alternative 3)

(C) ○ Barcelona - (Alternative 1)

(D) ○ Grenada - (Alternative 4)

Question No.6

1.00

Bookmark ☐

The microorganisms that cause the disease are called _____.

(A) ○ Plastid - (Alternative 3)
(B) ○ Analgesic - (Alternative 2)
(C) ○ **Pathogen - (Alternative 4)**
(D) ○ Antigen - (Alternative 1)

Question No.7

1.00

Bookmark ☐

When was the Supreme Court of India established?

(A) ○ 1947 - (Alternative 2)
(B) ○ **1950 - (Alternative 3)**
(C) ○ 1935 - (Alternative 1)
(D) ○ 1951 - (Alternative 4)

Question No.8

1.00

Bookmark ☐

Who gives India's oath of office?

(A) ○ Union Home Minister - (Alternative 3)
(B) ○ Prime Minister - (Alternative 1)
(C) ○ **Chief Justice of India - (Alternative 4)**
(D) ○ Parliament - (Alternative 2)

Question No.9

1.00

Bookmark ☐

In yoga, what currency does Makarasan show?

(A) ○ Lion - (Alternative 2)
(B) ○ **Crocodile - (Alternative 3)**
(C) ○ Leopard - (Alternative 4)
(D) ○ Cobra - (Alternative 1)

Question No.10

1.00

Bookmark ☐

Which emergency is called a constitutional emergency?

(A) ○ National Emergency - (Alternative 1)
(B) ○ **State Emergency - (Alternative 2)**
(C) ○ Financial Emergency - (Alternative 3)
(D) ○ None of these - (Alternative 4)

Question No.11

1.00

Bookmark ☐

Basketball originates in _____.

(A) ○ England - (Alternative 1)
(B) ○ Australia - (Alternative 2)
(C) ○ **USA - (Alternative 3)**
(D) ○ Mexico - (Alternative 4)

Question No.12   1.00
Bookmark ☐

The sum of the kinetic energy and the potential energy of an object is called _____.
(A) ○ Total Chemical Energy - (Alternative 2)
(B) ○ **Total Mechanical Energy - (Alternative 1)**
(C) ○ Total Gravity Energy - (Alternative 3)
(D) ○ Total Nuclear Energy - (Alternative 4)

Question No.13   1.00
Bookmark ☐

Who had founded the excluded Hitkarini Sabha?

(A) ○ Mahatma Gandhi - (Alternative 3)
(B) ○ Motilal Nehru - (Alternative 4)
(C) ○ Jyotiba Phule - (Alternative 1)
(D) ○ **Dr. BR Ambedkar - (Alternative 2)**

Question No.14   1.00
Bookmark ☐

Which of the following is related to a country, a tax and a market?
(A) ○ Land Taxes - (Alternative 1)
(B) ○ Sales tax - (Optional 2)
(C) ○ Excise Fee - (Optional 4)
(D) ○ **Goods and Services Tax - (Optional 3)**

Question No.15   1.00
Bookmark ☐

According to the 2011 census, which state has the highest population density?

(A) ○ **Bihar - (Alternative 1)**
(B) ○ West Bengal - (Alternative 3)
(C) ○ Rajasthan - (Alternative 4)
(D) ○ Uttar Pradesh - (Alternative 2)

Question No.16   1.00
Bookmark ☐

Which of the following is the weakest driver?

(A) ○ **Backlight - (Alternative 1)**
(B) ○ Brass - (Alternative 2)
(C) ○ Diamond - (Alternative 4)
(D) ○ Liquid Helium - (Alternative 3)

Question no.17

1.00

Who was the son of Gautama Buddha?

(A) ○ Upa Gupta - (Alternative 4)
(B) ○ Measures - (Alternative 3)
(C) ○ **Rahul - (Alternative 1)**
(D) ○ Ananda - (Alternative 2)

Question No.18

1.00

On the basis of anti-defection law, who decides disqualification in the case of Rajya Sabha?
(A) ○ Leader of the Opposition - (Alternative 3)
(B) ○ President - (Alternative 1)
(C) ○ Speaker - (Optional 4)
(D) ○ **Chairman - (Alternative 2)**

Question No.19

1.00

Humayun-Naama is composed by whom

(A) ○ Amir Khusro - (Alternative 4)
(B) ○ Akbar - (Alternative 2)
(C) ○ **Gulbadan Begum - (Alternative 3)**
(D) ○ Humayun - (Alternative 1)

Question No.20

1.00

Which of the following is the longest canal in India?

(A) ○ Udyogmandal Canal - (Alternative 3)
(B) ○ Buckingham Canal - (Alternative 4)
(C) ○ Champakra Canal - (Alternative 2)
(D) ○ **Indira Gandhi Canal - (Alternative 1)**

Question no.21

1.00

Which year was the women gymnastics introduced in the modern Olympic Games?

(A) ○ 1936 - (Alternative 2)
(B) ○ 1988 - (Alternative 4)
(C) ○ **1928 - (Optional 1)**
(D) ○ 1972 - (Optional 3)

Question no.22

1.00

Which of the following yagna is related to the sacrifice of the horse?

(A) ○ Vajpayee Yagna - (Alternative 3)

(B) ○ Agnishom Yagna - (Alternative 4)

(C) ○ **Ashwamedh Yagna - (Alternative 2)**

(D) ○ Rajsuya Yagna - (Alternative 1)

Question no.23

1.00

Bookmark ☐

Ordinance prepared by the President is _____.

(A) ○ **Based on the advice of the Council of Ministers - (Alternative 2)**

(B) ○ President's Discretionary Power - (Alternative 1)

(C) ○ Presidential Legislative Power - (Alternative 4)

(D) ○ President's Judicial Power - (Alternative 3)

Question no.24

1.00

Bookmark ☐

The sound can not pass _____.

(A) ○ Granite - (Alternative 4)

(B) ○ Distilled Water - (Alternative 1)

(C) ○ **Vacuum - (Alternative 2)**

(D) ○ Helium Gas - (Alternative 3)

Question No.25

1.00

Bookmark ☐

Where was Mohandas Karamchand Gandhi born?

(A) ○ Kutch - (Alternative 2)

(B) ○ **Porbandar - (Alternative 4)**

(C) ○ Bhuj - (Alternative 1)

(D) ○ Banaskantha - (Alternative 3)

Question no.26

1.00

Bookmark ☐

What is the interstate river water dispute under which article?

(A) ○ Article 263 - (Optional 1)

(B) ○ **Article 262 - (Alternative 3)**

(C) ○ Article 222 - (Alternative 4)

(D) ○ Article 280 - (Alternative 2)

Question no.27

1.00

Bookmark ☐

In which state is the Kega Nuclear Power Plant located?

(A) ○ Gujarat - (Alternative 2)

(B) ○ Rajasthan - (Alternative 3)

(C) ○ **Karnataka - (Alternative 1)**

(D) ○ Telangana - (Alternative 4)

Question no.28

1.00

In which year did the Great Depression related to economics begin?

(A) ○ **1929 - (Optional 1)**
(B) ○ 1951 - (Alternative 3)
(C) ○ 1947 - (Alternative 2)
(D) ○ 1935 - (Alternative 4)

Question no.29   1.00

Who can establish the Inter-State Council?
(A) ○ Cabinet - (Alternative 3)
(B) ○ Parliament - (Alternative 1)
(C) ○ **President - (Alternative 2)**
(D) ○ Prime Minister - (Alternative 4)

Question No.30   1.00

Goitre is a disease of the _____ gland.
(A) ○ Pituitary - (Alternative 2)
(B) ○ Sebaceous - (Alternative 4)
(C) ○ Adrenal - (Alternative 1)
(D) ○ **Thyroid - (Alternative 3)**

Question No.31   1.00

Who invented the volley ball game?

(A) ○ Michael Jordan - (Alternative 4)
(B) ○ **William G. Morgan - (Alternative 1)**
(C) ○ Ben Pearson - (Alternative 3)
(D) ○ Carrefour - (Alternative 2)

Question No.32   1.00

In India, the commercial unit of electrical energy is kilowatt-hour (kWh). 1kWh =
(A) ○ 100000 joule - (Alternative 4)
(B) ○ **3600000 joule - (Optional 3)**
(C) ○ 1000 joule - (Optional 2)
(D) ○ 3600 joule - (Optional 1)

Question No.33   1.00

Which of the following is India's longest beach?

(A) ○ Kalangute beach - (Alternative 3)
(B) ○ **Marina Beach - (Alternative 2)**
(C) ○ Kovalam Beach - (Alternative 4)
(D) ○ Gokarn Beach (Beach) - (Alternative 1)

Question No.34

1.00

In plasma state _____ are more energetic and more stimulated particles.

(A) ○ **Ionized gases - (Alternative 2)**
(B) ○ Supercomputer (more cool) gases - (Alternative 3)
(C) ○ Ionized liquids - (Alternative 1)
(D) ○ Superheated (more solid) concrete - (Alternative 4)

Question No.35

1.00

Which cabinet committee is considered the most powerful?

(A) ○ Cabinet Committee on Economic Affairs - (Alternative 3)
(B) ○ **Cabinet Committee on Political Affairs - (Alternative 2)**
(C) ○ Cabinet Committee on Parliamentary Affairs - (Alternative 4)
(D) ○ Cabinet Committee on Security System - (Alternative 1)

Question No.36

1.00

Kaveri Water Dispute Tribunal was established for which of the following states?

(A) ○ Tamilnadu, Karnataka and Andhra Pradesh - (Alternative 4)
(B) ○ Kerala, Tamil Nadu and Andhra Pradesh - (Alternative 2)
(C) ○ **Tamilnadu, Kerala, Puducherry and Karnataka - (Alternative 1)**
(D) ○ Tamilnadu and Karnataka - (Alternative 3)

Question No.37

1.00

In what country is the Asian Games scheduled to be held in 2022?

(A) ○ Indonesia - (Alternative 2)
(B) ○ **China - (Alternative 4)**
(C) ○ India - (Alternative 1)
(D) ○ Malaysia - (Alternative 3)

Question No.38

1.00

Which of the following countries is known as the 'Sugarbowl of the World'?

(A) ○ China - (Alternative 4)
(B) ○ Brazil - (Alternative 2)
(C) ○ India - (Alternative 3)
(D) ○ **Cuba - (Alternative 1)**

Question No.39

1.00

The speculative money demand function is _____.

(A) ○ Elastic Demand - (Alternative 1)
(B) ○ Relatively flexible - (Optional 3)

(C) ◯ Unfinished Job - (Alternative 4)
(D) ◯ **Infinitely elastic - (Optional 2)**

Question No.40   1.00

The minimum support price (MSP) relates to _____.
(A) ◯ Industry - (Alternative 1)
(B) ◯ Export Import - (Optional 3)
(C) ◯ **Agricultural Goods - (Alternative 4)**
(D) ◯ Banking - (Alternative 2)

Question No.41   1.00

Which religion is associated with the post of Digambar and Shwetambar?

(A) ◯ Buddhism - (Alternative 1)
(B) ◯ **Jainism - (Alternative 2)**
(C) ◯ Christianity - (Alternative 3)
(D) ◯ Islam religion - (Alternative 4)

Question No.42   1.00

Which of the following cell enzymes primarily help in the formation of fat molecules and lipids for cell function?
(A) ◯ Mitochondria - (Alternative 4)
(B) ◯ Lysosom - (Alternative 3)
(C) ◯ Vacuoles - (Alternative 2)
(D) ◯ **Soft impaired reticulum (SER) - (Optional 1)**

Question No.43   1.00

Which of the following protected areas is also a Tiger Reserve?

(A) ◯ Veedathangal Wildlife Sanctuary (Wildlife Sanctuary) - (Alternative 4)
(B) ◯ **Jim Corbett National Park - (Alternative 2)**
(C) ◯ Gahirmatha Seaboard Wildlife Sanctuary (Marine Wildlife Sanctuary) - (Alternative 3)
(D) ◯ Saddle Peak Biosphere Reserve - (Alternative 1)

Question no.44   1.00

The term of the post of member of the Rajya Sabha is _____.

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

Question No.45   1.00

Madagascar Island Which of the following is located in the ocean?

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

Question No.46   1.00

Bookmark ☐

Who led the rebellion of 1857 from Jhansi?

(A) ○ Kunwar Singh - (Alternative 2)
(B) ○ Cadis - (Alternative 4)
(C) ○ Begum Hazrat Mahal - (Alternative 1)
(D) ○ **Lakshmibai - (Alternative 3)**

Question no.47   1.00

Bookmark ☐

Harappa is located on the banks of which river?

(A) ○ Saraswati - (Alternative 1)
(B) ○ Indus - (Alternative 2)
(C) ○ **Ravi - (Alternative 4)**
(D) ○ Luni - (Alternative 3)

Question no.48   1.00

Bookmark ☐

Which of the following is a famous personality associated with wrestling?

(A) ○ Mary Com - (Alternative 1)
(B) ○ Jitu Rai - (Alternative 4)
(C) ○ **Vineesh Phogat - (Alternative 2)**
(D) ○ Manu Bheker - (Alternative 3)

Question No.49   1.00

Bookmark ☐

Which of the following philosophies believe in the technique of logical thinking?

(A) ○ Sankhya - (Alternative 1)
(B) ○ **Justice - (Alternative 2)**
(C) ○ Yoga - (Alternative 3)
(D) ○ Vedanta - (Alternative 4)

Question No.50   1.00

Bookmark ☐

Who was the founder of Brahma Sabha?

(A) ○ Rabindranath Tagore - (Alternative 4)
(B) ○ Debendranath Tagore - (Alternative 3)
    ○

(C)   **Raja Ram Mohan Roy - (Alternative 2)**
(D) ○ Keshab Chandra Sen - (Alternative 1)

Question No.51   1.00

A statement has been given in this question, after which two conclusions i and ii have been given. You have to accept all the information given in the statement as true and after that both have to think together together on the findings and decide whether any of the information given in the statement follows them in a rational way beyond any reasonable suspicion.

Statement: Smoking is harmful to health.
Conclusion:
i) Smoking is the only habit that kills a person.
ii) Death rates are increasing rapidly due to smoking.

Select the appropriate option from the following options
(A) Only the conclusion i follows
(B) Only the conclusion ii follows
(C) either i or ii follows
(D) neither i nor ii follows
(E) both i and ii follow.
(A) ○   A - (Alternative 1)
(B) ○   B - (Alternative 2)
(C) ○   E - (Alternative 4)
(D) ○   **D - (Alternative 3)**

Question No.52   1.00

Read the following statements and answer the following question.
A @ B means that A is the mother of
A, B means A # B, A is the father
of A, A is the meaning of A, B is
A 's brother, A% B stands for A, B is the sister of

Equation W @ X @ Y $ Z, What is W related to Z?
(A) ○   Mom - (Alternative 1)
(B) ○   Uncle - (Alternative 3)
(C) ○   **Grandma - (Alternative 2)**
(D) ○   Aunt - (Alternative 4)

Question No.53   1.00

Please read the given information carefully and then answer the given question.
Six friends P, Q, R, S, T and U are sitting around the center of a circular table (not necessarily in the same order)
i) S and Q are neighbors.
ii) Q is at the third position on the right side of R.
iii) Q is not a neighbor of P;
iv) T sits immediately at the left of P.

How many people sit between R and T, counting to the right of T?
(A) ○   3 - (Optional 1)
(B) ○   2 - (Optional 3)
(C) ○   4 - (Optional 4)

(D) ○ **1 - (Optional 2)**

Question No.54   1.00

A paragraph has been given in this question after which a statement has been given. Read the paragraph carefully and make a decision on the statement based on the given paragraph.

Apple Inc. is using iPhone marketing strategies, which rarely uses it to help sell its major product - such as the promotion of discounts through the terms of the purchase of a large number of device purchases.
According to one person familiar with the situation, about one month after the sale of the iPhone XS, and during the days of the launch of the iPhone XR, the company executives had given some marketing employees to work on selling the latest handsets in October Projects have been transferred from this project. This person called it 'fire drill', and also admitted that the device may be selling less than expected. The person asked to not reveal his identity to discuss the secret strategy changes.

Since then, Apple has introduced several trade-in offers from the loudspeakers, to which the cost of some of the latest iPhones has been reduced temporarily, which is a rare step for a company to increase revenues and profits In recent years, the price of the device is increasing. Apple spokesman Trudy Muller refused to comment.

Statement: Apple Inc. Is experimenting with its marketing strategies to promote iPhone sales.

Select the appropriate option from the following options
A-statement is definitely true.
B-Statement may possibly be true.
C-statement can not be determined
D-statement is definitely wrong.
(A) ○   B - (Alternative 2)
(B) ○   C - (Alternative 3)
(C) ○   D - (Alternative 4)
(D) ○   **A - (Alternative 1)**

Question no.55   1.00

Select the correct option from the following options which can create a full square (3 of the 5 figures below)
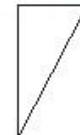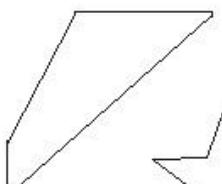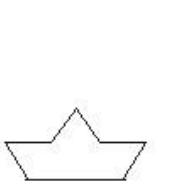
1   2   3   4   5

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

Question no.56   1.00

Two statements are given in this question after which two conclusions i and ii have been given. You have to accept all the information given in the statement as true and after that both have to think together together on the findings and decide whether any of the information given in the statement follows them in a rational way beyond any reasonable suspicion.
Statement: All workers are professionals. Some workers are rebels.
Conclusion:
i) Some rebellious professionals.
ii) Some are professional rebels.

Select the appropriate option from the following options
(A) Only the conclusion i follows
(B) Only the conclusion ii follows
(C) either i or ii follows
(D) neither i nor ii follows
(E) both i and ii follow
(A) ○ **E - (Alternative 3)**
(B) ○ D - (Alternative 4)
(C) ○ B - (Alternative 2)
(D) ○ A - (Alternative 1)

Question no.57   1.00

Bookmark ☐

Find the next number in this series.
454, 431, 446, 423, 438,?
(A) ○ **415 - (Optional 1)**
(B) ○ 461 - (Alternative 4)
(C) ○ 423 - (Optional 3)
(D) ○ 453 - (Optional 2)

Question no.58   1.00

Bookmark ☐

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

| ꙅ ꙅ | (-) (-) (-) |
| (-) | (-)ꙅ ꙅ ꙅ |

(A) ○

| ꙅ |
| (-) |

- (Optional 3)

(B) ○

| ꙅ (-) |
| |

- (Optional 4)

(C) ○

(-)

 G

- (Optional 2)

(D) ○

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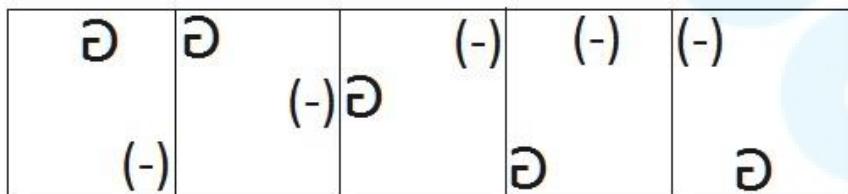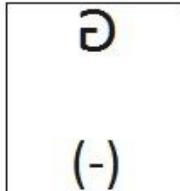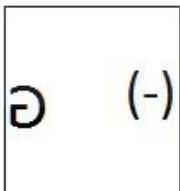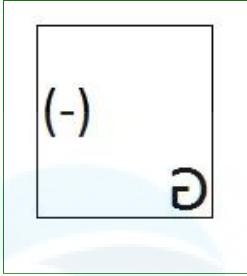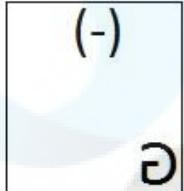
- (Optional 1)

Question No.59

1.00

Bookmark ☐

If a mirror is placed on the shaded line, then what is the correct image of the given figure?

ANIMALS /

(A) ○

ANIMALS - (Optional 1)

(B) ○

ƧⱯMINA - (Optional 4)

(C) ○

LSAMINA - (Optional 2)

(D) ○

ƧⱯMINA - (Optional 3)

Question No.60

1.00

Bookmark ☐

Find the next number in this series.
2, 7, 23, 72, 220,?
(A) ○ 545 - (Optional 3)

(B) ○ 560 - (Alternative 2)

(C) ○ 660 - (Optional 1)

(D) ○ **665 - (Alternative 4)**

Question No.61

1.00

Bookmark ☐

Keep that option in place of the question mark which follows the logic applied to the first pair

B: M :: L: ??

(A) ○ U - (Alternative 4)

(B) ○ V - (Optional 3)

(C) ○ X - (Optional 1)

(D) ○ **W - (Alternative 2)**

Question No.62

1.00

Bookmark ☐

In this question, there are two narrative statements that followed three conclusions i, ii and iii. Assuming that these statements are true, let's know which conclusions are definitely true.

Statement: A <B ≤ C = D; F ≤ G <H> D

Conclusion:

i) F> C

ii) H> A

iii) A <D

(A) ○ Only iii) - (Optional 3)

(B) ○ Only i) and ii) - (Optional 2)

(C) ○ All Follow - (Optional 4)

(D) ○ **Only ii) and iii) - (Optional 1)**

Question No.63

1.00

Bookmark ☐

How many right angled triangles can be made from the given shape?
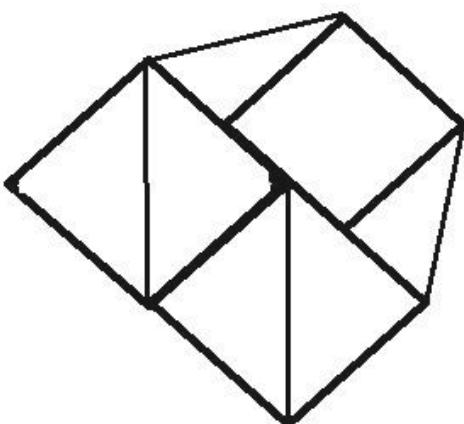
(A) ○ 4 - (Optional 1)

(B) ○ 5 - (Optional 4)

(C) ○ 8 - (Optional 3)

(D) ○ **6 - (Optional 2)**

Question No.64

1.00

Place the option instead of the question mark which follows the argument applied to the first pair
78523: 898 :: 53176: ??

(A) ⭕ **967 - (Optional 3)**

(B) ⭕ 753 - (Optional 2)

(C) ⭕ 748 - (Optional 4)

(D) ⭕ 856 - (Optional 1)

Question No.65

1.00

According to the given figure, 6 letters A, B, C, D, E and F are printed on each part of the die. Which letter has been printed on the opposite part of the letter D?
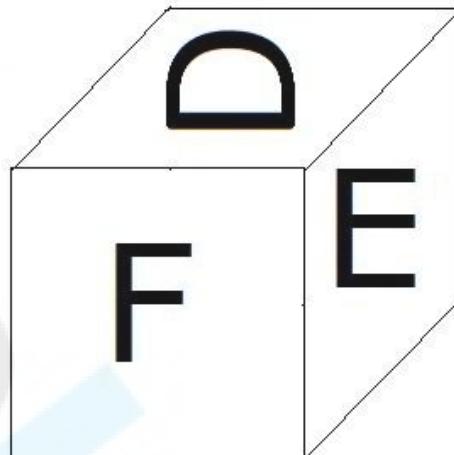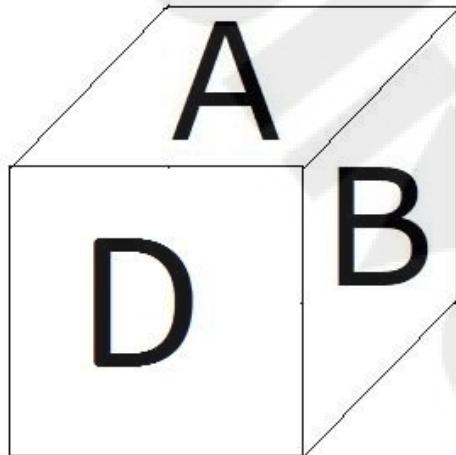
(A) ⭕ A - (Alternative 1)

(B) ⭕ F - (Alternative 4)

(C) ⭕ B - (Alternative 2)

(D) ⭕ **C - (Alternative 3)**

Question No.66

1.00

Please read the given information carefully and then answer the given question.
Six friends P, Q, R, S, T and U are sitting around the center of a circular table (not necessarily in the same order)
i) S and Q are neighbors.
ii) Q is at the third position on the right side of R.
iii) Q is not a neighbor of P;
iv) T sits immediately at the left of P

if R changes its position with U and P with its Q Change the situation, so who sits at the fourth position on the right side of R?

(A) ⭕ T - (Optional 3)

(B) ⭕ P - (Alternative 2)

(C) ⭕ S - (Alternative 4)

(D) ⭕ **Q - (Optional 1)**

Question No.67

1.00

How many classes are there in given figure?
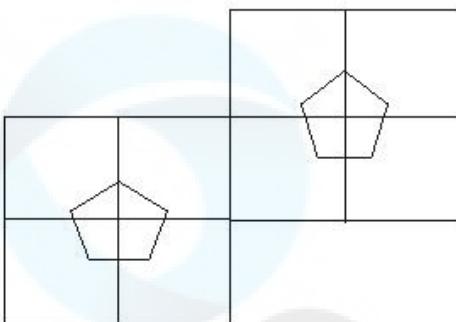
(A) ○ 6 - (Optional 3)
(B) ○ 12 - (Optional 2)
(C) ○ **10 - (Optional 1)**
(D) ○ 8 - (Optional 4)

Question No.68

1.00

Select the correct option that will complete the image pattern of the given image.
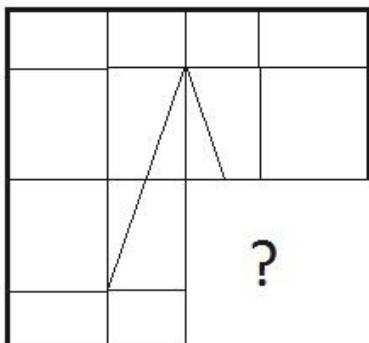
(A) ○
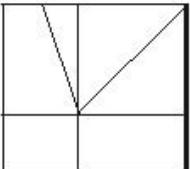
- (Optional 2)

(B) ○

- (Optional 1)

(C) ○
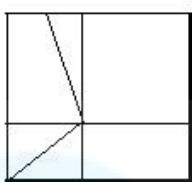
- (Optional 4)

(D) ○
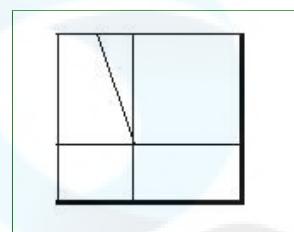
- (Optional 3)

Question No.69   1.00

Bookmark ☐

Find the next number in this series.
227, 230, 239, 266, 347,?
(A) ○ 598 - (Optional 4)
(B) ○ 428 - (Optional 3)
(C) ○ 490 - (Optional 1)
(D) ○ **590 - (Alternative 2)**

Question No.70   1.00

Bookmark ☐

Four of the following five are identical in a certain way and hence create a group. Which one is not
related to the group?
B, I, D, F, H
(A) ○ H - (Alternative 1)
(B) ○ D - (Alternative 4)
(C) ○ B - (Optional 3)
(D) ○ **I - (Optional 2)**

Question No.71   1.00

Bookmark ☐

Four of the following five are identical in a certain way and hence create a group. Which one is not
related to the group?
Parlor, Chef, Theater, Court, Garage
(A) ○ **Chef - (Alternative 4)**
(B) ○ Parlor - (Alternative 2)
(C) ○ Garage - (Alternative 3)
(D) ○ Court - (Alternative 1)

Question No.72   1.00

Bookmark ☐

Select the correct water image of the given question from the given options

ROTATE

(A) ○

ROTATE - (Optional 1)

(B) ○

ROTATE - (Optional 3)

(C) ○

ROTATE - (Optional 2)

(D) ○

ROTATE - (Optional 4)

Question No.73   1.00

M is the son of N, whose husband is O. O is the son of P, whose wife is Q. What is M related to P?
(A) ○ Grand Father - (Alternative 4)
(B) ○ **Grand Sun - (Alternative 1)**
(C) ○ Son - (Alternative 3)
(D) ○ Father-in-law - (Alternative 2)

Question No.74   1.00

The statement given in this question shows the relation between the different elements. After the statement, two conclusions are given:
Statement: J = A <C ≤ K> L> I
Conclusion:
i) J <K
ii)

Select the appropriate option from the following options
(A) Only conclusion i follow the
(B) only followed Conclusion ii
(C) or follows the i or ii
(D) neither i nor obeys ii
to (E) i and ii both follow
(A) ○ **A - (Alternative 1)**
(B) ○ B - (Alternative 2)
(C) ○ E - (Alternative 4)
(D) ○ C - (Alternative 3)

Question No.75   1.00

Three statements have been given in this question after which three conclusions have been given. You have to accept all information given in the statement as truth and then have to think together on the findings and decide whether any of them is following rationally with any information given in the statement.

Statement: There are some green vegetables. There is no vegetable meat. All meats are edible.
Conclusion:
i) Some vegetables are edible.
ii) There are some edible meat.
iii) Some meats are green.
(A) ○ Nobody follows - (Optional 4)
(B) ○ Only i) and iii) - (Optional 2)
(C) ○ Only i) - (Optional 1)
(D) ○ **Only ii) - (Optional 3)**

Question No.76   1.00

Bookmark ☐

In a certain code language, if INSERT is coded as OTYKXZ, how will DELETE be coded in that same language?
(A) ○ JQRQYQ - (Optional 2)
(B) ○ JKSKZK - (Optional 4)
(C) ○ **JKRKZK - (Optional 3)**
(D) ○ JQRQZQ - (Optional 1)

Question No.77   1.00

Bookmark ☐

How straight lines are in given shape?
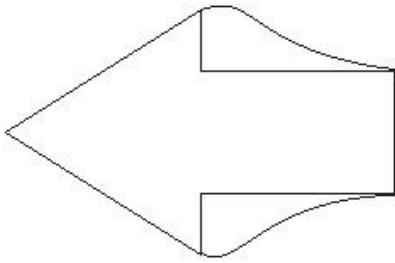
(A) ○ 10 - (Optional 2)
(B) ○ 8 - (Optional 1)
(C) ○ 6 - (Optional 3)
(D) ○ **7 - (Optional 4)**

Question No.78   1.00

Bookmark ☐

In a certain code language, if ZEAL is coded as 265112, how will PLATE be coded in that same language?
(A) ○ 15121205 - (Optional 1)
(B) ○ **16121205 - (Optional 2)**
(C) ○ 15121215 - (Optional 3)
(D) ○ 16121215 - (Optional 4)

Question No.79   1.00

Bookmark ☐

A paragraph has been given in this question after which a statement has been given. Read the paragraph carefully and make a decision on the statement based on the given paragraph.

Apple Inc. is using iPhone marketing strategies, which rarely uses it to help sell its major product - such

as the promotion of discounts through the terms of the purchase of a large number of device purchases.

According to one person familiar with the situation, about one month after the sale of the iPhone XS, and during the days of the launch of the iPhone XR, the company executives had given some marketing employees to work on selling the latest handsets in October Projects have been transferred from this project. This person called it 'fire drill', and also admitted that the device may be selling less than expected. The person asked to not reveal his identity to discuss the secret strategy changes.

Since then, Apple has introduced several trade-in offers from the loudspeakers, to which the cost of some of the latest iPhones has been reduced temporarily, which is a rare step for a company to increase revenues and profits In recent years, the price of the device is increasing. Apple spokesman Trudy Muller refused to comment.

Statement: To promote the sale of the latest handsets, other projects have been shifted from all the other marketing employees because their other projects are almost on the verge of completion.

Select the appropriate option from the following options
A-statement is definitely true.
B-Statement may possibly be true.
C-statement can not be determined
D-statement is definitely wrong.
(A) ○ C - (Alternative 3)
(B) ○ B - (Alternative 2)
(C) ○ **D - (Alternative 4)**
(D) ○ A - (Alternative 1)

Question No. 80   1.00

Bookmark ▢

Pointing to the picture of a boy, a woman said, "Her father is the only son of my father's sister's father."
How is the boy related to a woman?
(A) ○ **Son - (Alternative 4)**
(B) ○ Father-in-law - (Alternative 2)
(C) ○ Husband - (Alternative 1)
(D) ○ Uncle - (Alternative 3)

Question No.81   1.00

Bookmark ▢

Please read the given information carefully and then answer the given question.
Six friends P, Q, R, S, T and U are sitting around the center of a circular table (not necessarily in the same order)
i) S and Q are neighbors.
ii) Q is at the third position on the right side of R.
iii) Q is not a neighbor of P;
iv) T sits immediately at the left of P.

Which of the following is the incompatible pair of options given in relation to the system?
(A) ○ PR - (Alternative 1)
(B) ○ US - (Alternative 2)
(C) ○ QT - (Optional 3)
(D) ○ **SP - (Alternative 4)**

Question No.82   1.00

Bookmark ▢

Place the option instead of the question mark that follows the argument applied to the first pair

Painter: Painting :: Tailor: ??

(A) ○ Weaving - (Optional 3)

(B) ○ Twining - (Optional 2)

(C) ○ Fabricating - (Alternative 4)

(D) ○ **Sewing - (Alternative 1)**

Question no.83

1.00

Bookmark ☐

Place the option in place of the question mark which follows the argument applied to the first pair

Hen: chicken :: Horse: ??

(A) ○ Cub - (Alternative 1)

(B) ○ Stallion - (Alternative 4)

(C) ○ **Foal - (Optional 2)**

(D) ○ Fawn - (Optional 3)

Question no.84

1.00

Bookmark ☐

Find the next number in this series.

129, 132, 138, 147, 159,?

(A) ○ 171 - (Optional 1)

(B) ○ **174 - (Optional 3)**

(C) ○ 179 - (Optional 4)

(D) ○ 169 - (Alternative 2)

Question no.85

1.00

Bookmark ☐

Four of the following five are identical in a certain way and hence create a group. Which one is not related to the group?

JG, CA, NL, WU, SQ

(A) ○ CA - (Alternative 1)

(B) ○ NL - (Alternative 3)

(C) ○ SQ - (Optional 4)

(D) ○ **JG - (Alternative 2)**

Question no.86

1.00

Bookmark ☐

25% of the 66.67% of 75% of the 80% of a number is 5315. Find 40% of this number.

(A) ○ **21260 - (Optional 1)**

(B) ○ 24260 - (Alternative 4)

(C) ○ 22260 - (Optional 2)

(D) ○ 23260 - (Optional 3)

Question No.87

1.00

Bookmark ☐

In a box there are pen, pencil and rubber in the ratio of 3: 2: 1. If the value of pen, pencil and rubber is Rs. 3, Rs. 2 and Rs. 2 and the amount spent on the box is Rs. 195, then find out the number of pens in the box.

(A) ○ 41 - (Optional 4)

(B) ○ **39 - (Optional 3)**

○

(C)   33 - (Optional 1)
(D) ○ 36 - (Alternative 2)

Question no.88   1.00

Bookmark ☐

Solve:

$$49 - [16 + \{39 - (29 - 7)\}] = ?$$

(A) ○ 17 - (Optional 2)
(B) ○ 19 - (Optional 4)
(C) ○ 18 - (Optional 3)
(D) ○ **16 - (Optional 1)**

Question No.89   1.00

Bookmark ☐

When an object is worth Rs. If sold in 180, it is a loss of 10%. Find the cost value of that item. (In rupees)
(A) ○ **200 - (Optional 1)**
(B) ○ 210 - (Alternative 2)
(C) ○ 240 - (Alternative 4)
(D) ○ 220 - (Optional 3)

Question No.90   1.00

Bookmark ☐

Instructions: In the following line graph, the percentage of the number of candidates who have passed the examination from among the total candidates who took part in the examinations in six years from 2001 to 2006.
If the number of candidates passing the examination in 2002 was 93,000, then what was the number of candidates who were sitting in the examination in 2002?

	2001	2002	2003	2004	2005	2006
%	48	62	73	61	61	71
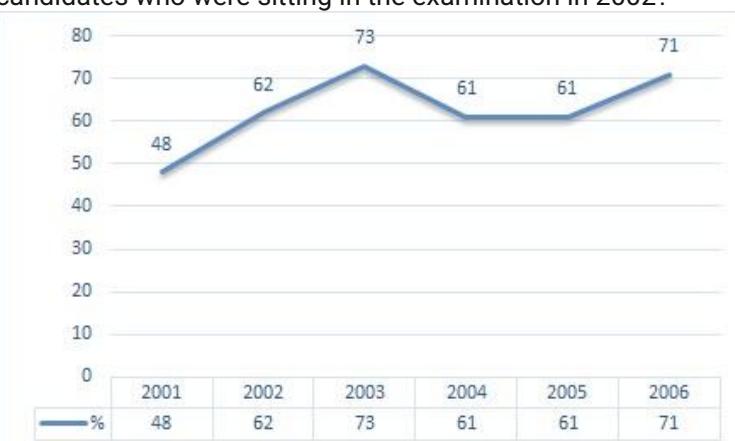
(A) ○ 130000 - (Alternative 2)
(B) ○ 140000 - (Optional 3)
(C) ○ 120000 - (Optional 1)
(D) ○ **150000 - (Optional 4)**

Question No.91   1.00

A shopkeeper has an item worth Rs. Bought in 112 and it is worth Rs. Sold in 140 Find the Profit Percentage (% In)

(A) ○ 20 - (Optional 2)

(B) ○ 30 - (Optional 4)

(C) ○ 15 - (Optional 1)

(D) ○ **25 - (Optional 3)**

Question No.92   1.00

Instructions: In the following line graph, the percentage of the number of candidates who have passed the examination from among the total candidates who took part in the examinations in six years from 2001 to 2006.
In which of the two years, was the percentage difference between the candidates who passed the examination from candidates?

	2001	2002	2003	2004	2005	2006
—%	48	62	73	61	61	71

(A) ○ 2001-2002 - (Optional 1)

(B) ○ 2002-2003 - (Alternative 2)

(C) ○ 2003-2004 - (Optional 3)

(D) ○ **2004-2005 - (Optional 4)**

Question No.93   1.00

A train running at a speed of 40 m / s crosses a signal in 12 seconds. Find out the length of the train. (In meters)

(A) ○ 460 - (Optional 1)

(B) ○ 470 - (Alternative 2)

(C) ○ **480 - (Alternative 3)**

(D) ○ 490 - (Alternative 4)

Question No.94   1.00

Find a different value of x, x = 0.5818181

(A) ○ 574/990 - (Alternative 2)

(B) ○ 575/990 - (Optional 3)

(C) ○ 573/990 - (Optional 1)

(D) ○ **576/990 - (Alternative 4)**

**Question No.95**   1.00

Instructions: In the following line graph, the percentage of the number of candidates who have passed the examination from among the total candidates who took part in the examinations in six years from 2001 to 2006.
If the total number of candidates participating in the meeting between 2003 and 2005 was 85000, then what was the total number of candidates passed in the examination, including these two years?

	2001	2002	2003	2004	2005	2006
—%—	48	62	73	61	61	71

(A) ○ 45500 - (Optional 4)
(B) ○ **Data insufficient - (Optional 1)**
(C) ○ 47500 - (Optional 3)
(D) ○ 80000 - (Optional 2)

Question No.96   1.00

The sides of a quadrangular plain are in the ratio 2: 3: 4: 5 and the circumference is 210 cm. Find out the smallest arm. (in cm)
(A) ○ 27 - (Optional 1)
(B) ○ 26 - (Alternative 4)
(C) ○ **30 - (Optional 3)**
(D) ○ 33 - (Alternative 2)

Question No.97   1.00

A train takes 34 seconds to cross the signal located at one end of the 650 meter long bridge. If the train takes 99 seconds to cross the bridge then find the length of the train. (In meters)
(A) ○ 330 - (Optional 3)
(B) ○ **340 - (Alternative 4)**
(C) ○ 310 - (Optional 1)
(D) ○ 320 - (Alternative 2)

Question No.98   1.00

15% per annum at the compound interest rate of Rs. Find the amount to be received at 34400. (In rupees)
(A) ○ 47494 - (Optional 4)
(B) ○ **45494 - (Optional 2)**
(C) ○ 46494 - (Optional 3)
(D) ○ 44494 - (Optional 1)

Question No.99   1.00

The average of 5 numbers is 120. After removing any number, the average remains the same. Find out the number deleted.

(A) ○ **120 - (Optional 1)**

(B) ○ 122 - (Optional 3)

(C) ○ 123 - (Alternative 4)

(D) ○ 121 - (Alternative 2)

Question No.100   1.00

LPG cylinder costs Rs. 484 to Rs. 605 has been made. What percentage of consumption should be reduced so that the amount spent on LPG cylinders remains the same? (% In)

(A) ○ **20 - (Optional 4)**

(B) ○ 15 - (Optional 3)

(C) ○ 5 - (Optional 1)

(D) ○ 10 - (Optional 2)

Question No.101   1.00

साधारण ब्याज दर पर निवेश किये गए रु. 8100 पर 12% प्रति वर्ष की दर से 4 वर्ष के बाद प्राप्त होने वाली राशि ज्ञात करिए. (रूपये में)

(A) ○ **11988 - (Alternative 4)**

(B) ○ 10988 - (Optional 3)

(C) ○ 13988 - (Optional 2)

(D) ○ 12988 - (Optional 1)

Question No.102   1.00

Find the greatest number that can divide between 198 and 297.

(A) ○ 98 - (Alternative 2)

(B) ○ 97 - (Optional 3)

(C) ○ **99 - (Optional 1)**

(D) ○ 96 - (Alternative 4)

Question No.103   1.00

Specify the value of X:

$$\left(x^3\right) \div 31 = 961$$

(A) ○ 30 - (Alternative 2)

(B) ○ 29 - (Optional 1)

(C) ○ 32 - (Optional 4)

(D) ○ **31 - (Optional 3)**

Question No.104

1.00

Bookmark ☐

Find the area of a square of 39 cm and a square of 40 cm diagonally. (in cm^2)

(A) ○ 760 - (Alternative 3)

(B) ○ 740 - (Optional 4)

(C) ○ 770 - (Alternative 2)

(D) ○ **780 - (Optional 1)**

Question No.105

1.00

Bookmark ☐

In one box there are 70 detergent soaps, 56 of which have been utilized. How many percent detergent soap remains in the box? (% In)

(A) ○ 25 - (Optional 4)

(B) ○ 15 - (Optional 1)

(C) ○ **20 - (Optional 2)**

(D) ○ 23 - (Optional 3)

Question No.106

1.00

Bookmark ☐

The width of a rectangle is 70 cm and its diagonal is 182 cm. Find out its circumference (in cm)

(A) ○ 456 - (Optional 1)

(B) ○ 466 - (Alternative 2)

(C) ○ 486 - (Optional 4)

(D) ○ **476 - (Optional 3)**

Question No.107

1.00

Bookmark ☐

The face value of a book is Rs. 1400. A book seller offers a discount of 10% on this. If he still earns 20% profit then what will be the cost of the book? (In rupees)

(A) ○ **1050 - (Alternative 2)**

(B) ○ 1060 - (Optional 3)

(C) ○ 1040 - (Optional 1)

(D) ○ 1070 - (Alternative 4)

Question No.108

1.00

Bookmark ☐

To be successful in a competitive exam, SOMI requires an average score of 80 in four exams. His score in the first three exams is 75, 85 and 95. How many points will he get in the fourth test to be successful in the competitive exam?

(A) ○ 55 - (Optional 1)

(B) ○ **65 - (Alternative 2)**

(C) ○ 75 - (Optional 3)

(D) ○ 85 - (Alternative 4)

Question No.109

1.00

Bookmark ☐

The average weight of eleven players in the state-level cricket team is 77 kg. When the coach was added, the average weight increased by 1 kg. How much is the weight of the coach? (In Kg)

(A) ○ **89 - (Optional 1)**

(B) ○ 119 - (Alternative 4)
(C) ○ 109 - (Optional 3)
(D) ○ 99 - (Optional 2)

Question no.110
1.00

Bookmark ☐

After investing an amount of 12% per annum on the simple interest rate, after 5 years 4140 interest is received. Find out the amount invested. (In rupees)

(A) ○ 6700 - (Optional 3)
(B) ○ **6900 - (Optional 1)**
(C) ○ 6600 - (Optional 4)
(D) ○ 6800 - (Alternative 2)

Question No.111
1.00

Bookmark ☐

When 46035 is divided by 9, what will be the remainder?

(A) ○ 5 - (Optional 2)
(B) ○ 1 - (Optional 1)
(C) ○ **0 - (Optional 3)**
(D) ○ 8 - (Optional 4)

Question no.112
1.00

Bookmark ☐

A shopkeeper has an item worth Rs. 72 and bought it at Rs. Sold in 54. Find out the percentage of losses. (% In)

(A) ○ 10 - (Optional 1)
(B) ○ 15 - (Optional 2)
(C) ○ **25 - (Optional 4)**
(D) ○ 20 - (Optional 3)

Question No.113
1.00

Bookmark ☐

Solve:

$$\frac{30 \times 930 \div 31 + 30}{930 \div 30 - 1} = ?$$

(A) ○ 33 - (Alternative 2)
(B) ○ **31 - (Optional 4)**
(C) ○ 34 - (Optional 1)
(D) ○ 32 - (Optional 3)

Question No.114
1.00

Find the area of the equilateral triangle whose side is 44 cm. (in cm^2)

(A) ⭕ 485√3 - (Optional 3)

(B) ⭕ **484√3 - (Optional 2)**

(C) ⭕ 486√3 - (Optional 4)

(D) ⭕ 483√3 - (Optional 1)

Question No.115   1.00

The ratio of the age of Ram and Raj is 4: 5. If the sum of his age is 189, then find the difference in his age.

(A) ⭕ 22 - (Optional 2)

(B) ⭕ **21 - (Optional 1)**

(C) ⭕ 24 - (Optional 4)

(D) ⭕ 23 - (Optional 3)

Question no.116   1.00

Marcus Eriksson completes the first part of the race at the speed of 310 kmph and the second part completes the speed of 465 kmph. Find the average speed of the first two parts. (in kmph)

(A) ⭕ 362 - (Optional 1)

(B) ⭕ 392 - (Optional 4)

(C) ⭕ **372 - (Alternative 2)**

(D) ⭕ 382 - (Optional 3)

Question No.117   1.00

A certain amount is divided into 2 parts in the ratio of 6: 5. If the first part is Rs. If you have 90, then get the total amount. (In rupees)

(A) ⭕ 155 - (Optional 1)

(B) ⭕ **165 - (Alternative 2)**

(C) ⭕ 175 - (Optional 3)

(D) ⭕ 185 - (Alternative 4)

Question no.118   1.00

Solve:

$$\frac{39}{20} + \frac{3}{10} - \frac{5}{4} = ?$$

(A) ⭕ **1 - (Optional 2)**

(B) ○ 1.02 - (Optional 4)
(C) ○ 1.01 - (Optional 3)
(D) ○ 0.99 - (Optional 1)

Question No.119   1.00

Bookmark ☐

Which is the full class of the following?

(A) ○ 6562 - (Optional 3)
(B) ○ 6568 - (Optional 1)
(C) ○ 6567 - (Optional 4)
(D) ○ **6561 - (Optional 2)**

Question No.120   1.00

Bookmark ☐

The value of a piece of metal has been increased from Rs.150 to Rs.180. What percentage increase in this? (% In)

(A) ○ 25 - (Optional 4)
(B) ○ **20 - (Optional 3)**
(C) ○ 10 - (Optional 1)
(D) ○ 15 - (Optional 2)