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## Mathematics - Mathematics

## Question No.1

Marks: 1.00

Bookmark 

A Gift box contains 10 bangles, of which average weight of first 4 bangles is 103 grams and the average weight of remaining 6 bangles is 113 grams. Find the average weight of the total bangles.(in grams)

- (A)  107  
(B)  105  
(C)  103  
(D)  109 (Correct Answer) (Chosen option)

## Question No.2

Marks: 1.00

Bookmark 

What will come in place of question mark(?) in the following equation?  
 $149.011 + 346.435 - 149.371 = 128.1 + ?$

- (A)  215.975  
(B)  219.975  
(C)  217.975 (Correct Answer) (Chosen option)  
(D)  213.975

## Question No.3

Marks: 1.00

Bookmark 

Two vessels, containing 23 liters and 35 liters quantity of solution, have milk and water in the ratio of 11:12 and 22:13 respectively. If the solutions are mixed with each other, then how many liters of water has to be added in the final solution to make the resulting solution in the ratio 1:1? (In litres)

- (A)  12  
(B)  10  
(C)  8 (Correct Answer) (Chosen option)  
(D)  6

## Question No.4

Marks: 1.00

Bookmark 

$27/8$  divided by 2 is:

- (A)  1.8875  
(B)  1.6875 (Correct Answer) (Chosen option)  
(C)  1.9875  
(D)  1.7875

## Question No.5

Marks: 1.00

Bookmark 

Pipe A can fill a tank in 744 minutes and Pipe B can empty the same tank in 930

minutes. If both pipes are opened together, how many hours will it take to fill the empty tank?

- (A)  62 (Correct Answer) (Chosen option)  
(B)  60  
(C)  66  
(D)  64

**Question No.6**

Marks: 1.00

Bookmark 

Milk and water are in the ratio of 3:2 in a mixture of 270 liters. How much water should be added so that the ratio of milk and water becomes 2:3? (In litres)

- (A)  135 (Correct Answer) (Chosen option)  
(B)  139  
(C)  141  
(D)  137

**Question No.7**

Marks: 1.00

Bookmark 

If 30% of a certain number is 2430, then what is 85% of that number?

- (A)  6995  
(B)  6775  
(C)  6885 (Correct Answer) (Chosen option)  
(D)  7005

**Question No.8**

Marks: 1.00

Bookmark 

What value should come in the place of question mark (?) in the following equation?

$$(0.006 \div ?) + (0.004 \div 0.04) + (0.03 \div 0.3) = 0.3$$

- (A)  0.6  
(B)  0.001  
(C)  0.006  
(D)  0.06 (Correct Answer) (Chosen option)

**Question No.9**

Marks: 1.00

Bookmark 

A and B, working together can finish a piece of work in 312 days, while A alone can do it in 520 days. How many days will B alone take to finish it?

- (A)  800  
(B)  780 (Correct Answer) (Chosen option)  
(C)  760  
(D)  820

**Question No.10**

Marks: 1.00

Bookmark 

Find the simple interest on Rs.11400 at 45% per annum for 6 months. (In Rs.)

- (A)  2465  
(B)  2665  
(C)  2565 (Correct Answer) (Chosen option)  
(D)  2765



## Question No.11

Marks: 1.00

Bookmark 

Raja donates 16% of his savings to an old age home, 16% of the savings to an orphanage and 16% of his savings to foundations for medical help. The remaining amount Rs.7800 of savings is deposited in bank. Find the salary of Raja, if 20% of the salary is his savings amount. (In Rs.)

- (A)  75000 (Correct Answer) (Chosen option)  
(B)  55000  
(C)  20000  
(D)  50000

## Question No.12

Marks: 1.00

Bookmark 

The price of a CPU is Rs.18055 inclusive of sales tax. If the rate of sales tax is 15%, find the printed price of the CPU. (In Rs.)

- (A)  15600  
(B)  15700 (Correct Answer) (Chosen option)  
(C)  15400  
(D)  15500

## Question No.13

Marks: 1.00

Bookmark 

A monitor for personal computer is bought for Rs.21500 and sold at Rs.19350. Find its loss percentage.

- (A)  10 (Correct Answer) (Chosen option)  
(B)  25  
(C)  20  
(D)  15

## Question No.14

Marks: 1.00

Bookmark 

If 76% of a number is added to 384, then the result is the number itself. Find the number.

- (A)  1700  
(B)  1800  
(C)  1500  
(D)  1600 (Correct Answer) (Chosen option)

## Question No.15

Marks: 1.00

Bookmark 

A bucket contains liquid A and B in the ratio 11:12. 92 litres of the mixture is taken out and filled with 92 litres of B. Now the ratio changes to 9:10. Find the quantity of liquid B initially. (In litres)

- (A)  5216  
(B)  5016 (Correct Answer)  
(C)  5116  
(D)  4916

## Question No.16

Marks: 1.00

Bookmark 

A flight covers a distance between A and B in 22 hours. If the speed of the flight is reduced by 230 km/hr, then the same distance is covered in 27 hours. Find the distance between A and B. (In km)

- (A)  30324



- (B)  29324  
(C)  27324 (Correct Answer)  
(D)  28324

**Question No.17**

Marks: 1.00

Bookmark 

Three numbers are in the ratio 29:30:31. The smallest number is 2059. Find the difference between the smallest and the largest number.

- (A)  142 (Correct Answer) (Chosen option)  
(B)  122  
(C)  132  
(D)  112

**Question No.18**

Marks: 1.00

Bookmark 

A person cycles from hostel to college at a speed of 20 kmph and reaches 13.5 minutes late. If he cycles at a speed of 24 kmph and reaches early by 13.5 minutes, find the distance between hostel and college. (In km)

- (A)  52  
(B)  54 (Correct Answer) (Chosen option)  
(C)  48  
(D)  50

**Question No.19**

Marks: 1.00

Bookmark 

A train travels from Ahmadabad to Amreli at a speed of 76 km/hr and returns at a speed of 78 km/hr. If it takes 154 hours for total travel, then find the distance between Ahmadabad to Amreli. (In km)

- (A)  5828  
(B)  5728  
(C)  5928 (Correct Answer) (Chosen option)  
(D)  6028

**Question No.20**

Marks: 1.00

Bookmark 

The average of 10 numbers is 1125. If each number is increased by 11, what will the new average be?

- (A)  1336  
(B)  1136 (Correct Answer) (Chosen option)  
(C)  1036  
(D)  1236

**Question No.21**

Marks: 1.00

Bookmark 

The average height of 39 telecom towers which are arranged in an ascending order is 282 m. If the average height of first 19 telecom towers is 280 m and that of last 19 telecom towers is 284 m, then what is the height of 20<sup>th</sup> telecom tower? (In m)

- (A)  272  
(B)  282 (Correct Answer) (Chosen option)  
(C)  262  
(D)  292

## Question No.22

Marks: 1.00

Bookmark 

A mobile is bought for Rs.4900 and sold at Rs.7105. Find the gain percentage.

- (A)  47  
(B)  51  
(C)  49  
(D)  45 (Correct Answer) (Chosen option)

## Question No.23

Marks: 1.00

Bookmark 

The average of 161 EB readings was 154 units. Later on it was found that a reading 165 was wrongly typed as 160. Find the correct average. (Approximately)

- (A)  156.03  
(B)  158.03  
(C)  152.03  
(D)  154.03 (Correct Answer) (Chosen option)

## Question No.24

Marks: 1.00

Bookmark 

From a group of 37 men and 13 women, 3 persons are selected at random. Find the probability that out of the selected three persons, two are women and one is man. (Approximately in %)

- (A)  20.72  
(B)  18.72  
(C)  16.72  
(D)  14.72 (Correct Answer)

## Question No.25

Marks: 1.00

Bookmark 

P, Q and R started a business by investing Rs.3005, Rs.2404 and Rs.4207 respectively. Find the share of Q, out of the annual profit of Rs.9616. (In Rs.)

- (A)  2504  
(B)  2404 (Correct Answer) (Chosen option)  
(C)  2304  
(D)  2604

## Question No.26

Marks: 1.00

Bookmark 

At the end of two years what will be the compound interest at the rate of 10% p.a. on an amount of Rs.7200? (In Rs.)

- (A)  1612  
(B)  1712  
(C)  1412  
(D)  1512 (Correct Answer) (Chosen option)

## Question No.27

Marks: 1.00

Bookmark 

Aaron can finish a work in 48 days and Brandon can do the same work in 96 days. On working together, they will complete the same work in how many days?

- (A)  38  
(B)  36  
(C)  32 (Correct Answer) (Chosen option)

(D)  34

**Question No.28**

Marks: 1.00

Bookmark 

A five digit number is formed with the digits 8, 3, 4, 5 and 6 without repetition. Find the probability that the number is divisible by 5.

- (A)  2/5  
(B)  3/5  
(C)  1/5 (Correct Answer) (Chosen option)  
(D)  4/5

**Question No.29**

Marks: 1.00

Bookmark 

In a moderately asymmetrical series, the values of arithmetic mean and median are 161 and 161.5 respectively. What is the value of the mode?

- (A)  164.5  
(B)  168.5  
(C)  166.5  
(D)  162.5 (Correct Answer) (Chosen option)

**Question No.30**

Marks: 1.00

Bookmark 

The average weight of 263 fertilizer bags is 63 kg. If the weight of the box(in which the fertilizer bags are kept) is included, the calculated average weight per fertilizer bag will increase by 0.8 kg. What is the weight of the box? (In kg)

- (A)  215.4  
(B)  220.4  
(C)  210.4 (Correct Answer) (Chosen option)  
(D)  205.4

**Question No.31**

Marks: 1.00

Bookmark 

Donald covered 1760 km in 55 hours. Find the speed at which he travelled.(in kmph)

- (A)  24  
(B)  28  
(C)  32 (Correct Answer) (Chosen option)  
(D)  36

**Question No.32**

Marks: 1.00

Bookmark 

A can contains 180 litres of rose milk at Rs.40.5 per litre. How much water which is free of cost must be added to this can so that the cost of rose milk reduces to Rs.30 per litre? (In litres)

- (A)  67  
(B)  63 (Correct Answer) (Chosen option)  
(C)  69  
(D)  65

**Question No.33**

Marks: 1.00

Bookmark 

The sum of three terms is 16300. The ratio between first term and second term is 15:16 and the ratio between second term and the third term is 17:18. Find the difference



between first and last term.

- (A)  680  
(B)  650  
(C)  670  
(D)  **660 (Correct Answer)** (Chosen option)

**Question No.34**

Marks: 1.00

Bookmark 

What is the difference between the compound interests on Rs.15000 for 1 year at 6% per annum compounded yearly and half-yearly? (In Rs.)

- (A)  15.5  
(B)  11.5  
(C)  17.5  
(D)  **13.5 (Correct Answer)**

**Question No.35**

Marks: 1.00

Bookmark 

If the arithmetic mean of 13 observations 511, 512, 514, 505, 513, 507, 509, 504, 512, 513, X, 507, 511 is 492. Find the value of "X" in the observations.

- (A)  **278 (Correct Answer)** (Chosen option)  
(B)  284  
(C)  282  
(D)  280

**Question No.36**

Marks: 1.00

Bookmark 

Ramesh gets a discount of 30% on his purchase bill of Rs.9100. What is the total discount he got? (In Rs)

- (A)  2430  
(B)  **2730 (Correct Answer)** (Chosen option)  
(C)  2630  
(D)  2530

**Question No.37**

Marks: 1.00

Bookmark 

15 girls can dig a pit in 420 days. If a boy is twice as efficient as a girl, then 5 girls and 5 boys can dig a similar pit in how many days?

- (A)  440  
(B)  430  
(C)  450  
(D)  **420 (Correct Answer)** (Chosen option)

**Question No.38**

Marks: 1.00

Bookmark 

A sum of money at simple interest amounts to Rs.7395 in 3 years and to Rs.8160 in 4 years. Find the sum. (In Rs.)

- (A)  5000  
(B)  **5100 (Correct Answer)** (Chosen option)  
(C)  5300  
(D)  5200

## Question No.39

Marks: 1.00

Bookmark 

If 20% of 420 is x% less than 40% of 530, find x. (Up to two decimals)

- (A)  60.37% (Correct Answer)
- (B)  81.25%
- (C)  92%
- (D)  71.25%

## Question No.40

Marks: 1.00

Bookmark 

Rice worth Rs.236 per kg and Rs.244 per kg are mixed with a third variety in the ratio 3:1:2. If the mixture is worth Rs.287 per kg, find the price of the third variety per kg. (In Rs.)

- (A)  375
- (B)  355
- (C)  385 (Correct Answer)
- (D)  365

## Question No.41

Marks: 1.00

Bookmark 

In a competitive examination, 66% candidates passed in section A, 74% in section B while 5% failed in both the sections. If 720 students passed in both the sections, find the total number of candidates who appeared in the competitive examination.

- (A)  1800
- (B)  1700
- (C)  1600 (Correct Answer) (Chosen option)
- (D)  1500

## Question No.42

Marks: 1.00

Bookmark 

Solve:

$$(\sqrt{21.16} \div \sqrt{5.29} \times \sqrt{47.61} \div \sqrt{5.29}) + (\sqrt{21.16} \div \sqrt{5.29} \times \sqrt{47.61} \div \sqrt{5.29}) = ?$$

- (A)  12 (Correct Answer) (Chosen option)
- (B)  19
- (C)  15
- (D)  17

## Question No.43

Marks: 1.00

Bookmark 

Varun, Ragav, Nagesh enter into a partnership. Varun contributes one-third of the whole capital while Ragav contributes as much as the contribution of Varun and Nagesh together. If the profit at the end of the year is Rs.1,02,000, how much would Nagesh receive? (In Rs.)

- (A)  16000
- (B)  18500
- (C)  28000
- (D)  17000 (Correct Answer) (Chosen option)

## Question No.44

Marks: 1.00

Bookmark 

If  $17286/2.15 = 8040$ , what is the value of  $34572/21.5$ ?

- (A)  1508



- (B)  1708  
(C)  1608 (Correct Answer) (Chosen option)  
(D)  1808

**Question No.45**

Marks: 1.00

Bookmark 

A train of length 750 m travelling at a speed of 90 kmph crosses a Tunnel in 59 seconds. Find the length of the Tunnel. (In metres)

- (A)  721  
(B)  733  
(C)  725 (Correct Answer) (Chosen option)  
(D)  729

**Question No.46**

Marks: 1.00

Bookmark 

X can finish a work in 144 days, Y can finish a work in 240 and Z can finish the same piece of work 320 days. If X, Y and Z are working together to complete a work, how many days will they require to complete the work?

- (A)  70(10/41) (Correct Answer) (Chosen option)  
(B)  69(10/41)  
(C)  71(10/41)  
(D)  72(10/41)

**Question No.47**

Marks: 1.00

Bookmark 

XYZ mixes 64 kg of rice worth Rs.85 per kg with 36 kg of rice worth Rs.105 per kg. At what rate should he sell the mixture to gain 10%? (In Rs.)

- (A)  103.42  
(B)  105.42 (Chosen option)  
(C)  107.42  
(D)  101.42 (Correct Answer)

**Question No.48**

Marks: 1.00

Bookmark 

Mr. Jacob invested Rs.17,500 dividing into two different schemes A and B at simple interest rate of 20% and 7.5% respectively. If the total amount of the simple interest earned in 2 years is Rs.3775, what was the amount invested in scheme A? (In Rs.)

- (A)  4600 (Correct Answer)  
(B)  5600  
(C)  6600  
(D)  3600

**Question No.49**

Marks: 1.00

Bookmark 

The printed price of a system monitor is Rs.21500. If a sales tax of 8% is realised from the buyer, find the price at which the system monitor is sold? (In Rs.)

- (A)  23220 (Correct Answer) (Chosen option)  
(B)  25220  
(C)  26220  
(D)  24220



## Question No.50

Marks: 1.00

Bookmark 

Akash started a business with Rs.30,000 and is joined afterwards by Babu with Rs.72,000. After how many months did Babu join if the profits at the end of the year are divided equally?

- (A)  7 (Correct Answer)  
(B)  4  
(C)  5 (Chosen option)  
(D)  6

## Reasoning - Reasoning

## Question No.1

Marks: 1.00

Bookmark 

In a certain code language, if AUSTIN is coded as NITSUA, then how is SYSTEM coded in that language?

- (A)  SYSMET  
(B)  METSYS (Correct Answer) (Chosen option)  
(C)  SSYETM  
(D)  SMEYST

## Question No.2

Marks: 1.00

Bookmark 

Find the next term in given series.

ACETYLMETHYLCARBINOL, YLMETHYLCARB, ETYLMETHYLCARBIN, METHYLCA, YLMETHYLCARB, ?

- (A)  METHYL  
(B)  YLCARBI  
(C)  THYL (Correct Answer) (Chosen option)  
(D)  THYLCA

## Question No.3

Marks: 1.00

Bookmark 

The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit.

Give your answer as per below options:

- A) If only assumption 1 is implicit.  
B) If only assumption 2 is implicit.  
C) If neither 1 nor 2 is implicit.  
D) If both 1 and 2 are implicit.

**Statement:** Child labour should be abolished completely in India.

**Assumptions:**

1. Child labour takes away from the child his childhood and the prospect of elementary education.
2. It is abolished in all other countries.

- (A)  B  
(B)  A (Correct Answer) (Chosen option)  
(C)  C  
(D)  D

## Case Study - 4 to 7

4.00

**Directions:** Read the given information carefully and answer the questions that follow.

Eight persons are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons.

In row-1 M, N, O and P are seated and all of them are facing South.  
In row -2 E, F, G and H are seated and all of them are facing North.  
Therefore, in the given seating arrangement , each member seated in a row faces another member of the other row.

- i) E sits third to the right of G and faces M
- ii) P and N are neighbours
- iii) O doesn't face G
- iv) F sits to the immediate right of G and faces P

**Question No.4**

Marks: 1.00

Bookmark 

Who sits exactly opposite to the one who sits to the immediate left of O?

- (A)  G
- (B)  F
- (C)  E (Correct Answer) (Chosen option)
- (D)  H

**Question No.5**

Marks: 1.00

Bookmark 

Who sits to the immediate left of P?

- (A)  M
- (B)  O (Correct Answer) (Chosen option)
- (C)  The one facing F
- (D)  The one facing G

**Question No.6**

Marks: 1.00

Bookmark 

If N interchanges its position with O and P interchanges its position with M, who sits opposite to H?

- (A)  M
- (B)  P
- (C)  N (Correct Answer) (Chosen option)
- (D)  O

**Question No.7**

Marks: 1.00

Bookmark 

Which of the following pairs sits opposite to each other?

- (A)  PF (Correct Answer) (Chosen option)
- (B)  MF
- (C)  HM
- (D)  EP

**Question No.8**

Marks: 1.00

Bookmark 

**In this question, a statement is given followed by two conclusions numbered i and ii. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.**

**Statements:** Mary's teacher gifts a pilot pen whenever she scores 100 marks in Mathematics. Mary scored 100 marks.

**Conclusions:**

- i) If Mary scored 100 marks in Mathematics, she would receive a gift from her teacher.
- ii) If Mary scored 100 marks in other subjects, she wouldn't receive a gift.

Choose the appropriate one from the following options

- (A) Only conclusion i follows
- (B) Only conclusion ii follows
- (C) Either i or ii follows
- (D) Neither i nor ii follows
- (E) Both i and ii follow.

- (A)  C
- (B)  D
- (C)  **A (Correct Answer)** (Chosen option)
- (D)  B

**Question No.9**

Marks: 1.00

Bookmark 

In a certain code language, if APPLE is coded as 11616125, then how is DOUBT coded in that language?

- (A)  **41521220 (Correct Answer)** (Chosen option)
- (B)  51421220
- (C)  51420221
- (D)  41520221

**Question No.10**

Marks: 1.00

Bookmark 

A is the husband of B whose only daughter C is the wife of D. How is A's son related to D?

- (A)  **Brother-in-law (Correct Answer)** (Chosen option)
- (B)  Cousin
- (C)  Uncle
- (D)  Brother

**Question No.11**

Marks: 1.00

Bookmark 

Find the next term in given series.  
GOVERNMENT, VERNME, OVERNMEN, ERNM, ?

- (A)  RNMEN
- (B)  VERNM (Chosen option)
- (C)  **VERNME (Correct Answer)**
- (D)  ERNME

**Question No.12**

Marks: 1.00

Bookmark 

Find the next term in the given series.  
V39, R32, N25, J18, ?

- (A)  **F11 (Correct Answer)** (Chosen option)
- (B)  E11
- (C)  E10
- (D)  G10

**Question No.13**

Marks: 1.00

Bookmark 

If the first half of the word TRAMPOLINE is reversed, which of the following will be the seventh to the right of the second letter from the left end?

- (A)  I



- (B)  L  
(C)  **N (Correct Answer)** (Chosen option)  
(D)  P

**Question No.14**

Marks: 1.00

Bookmark 

A stands in the 15th position from the front of the queue and there are 3 persons between A and B . B stands after A. If the first 13 persons are removed from the queue then what is the position of B from the front of the queue?

- (A)  9  
(B)  4  
(C)  **6 (Correct Answer)** (Chosen option)  
(D)  10

**Question No.15**

Marks: 1.00

Bookmark 

In this question, relationship between different elements is shown in the statement. This statement is followed by two conclusions:

**Statements:**  $M < O \leq N > S$ ;  $R = E < T \leq S$

**Conclusions:**

- i)  $M < R$   
ii)  $R \leq M$

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows  
(D) Neither i nor ii follows  
(E) Both i and ii follow.  
(A)  B  
(B)  D (Chosen option)  
(C)  A  
(D)  **C (Correct Answer)**

**Case Study - 16 to 20**

5.00

**Directions:** Read the given information carefully and answer the questions that follow.

Six students A, B, C, D, E and F sit in a row facing North(not necessarily in the same order).

- i) C sits fourth to the right of the one who sits second to the left of D.  
ii) There are three persons between F and C and exactly one person between E and A who sits at an extreme end of the line.  
iii) B and C are not neighbours.

**Question No.16**

Marks: 1.00

Bookmark 

Which of the following statements is an odd man out with respect to the arrangement?

- (A)  CA  
(B)  FB  
(C)  DE  
(D)  **EB (Correct Answer)** (Chosen option)

**Question No.17**

Marks: 1.00

Bookmark 

Which of the following statements is true with respect to the arrangement?

- (A)  **F and A sit at the extreme ends of the row (Correct Answer)** (Chosen option)

- (B)  B sits second to the right of F  
(C)  E is third from the left end  
(D)  D and C are neighbours

**Question No.18**

Marks: 1.00

Bookmark 

If B interchanges his position with E, C interchanges his position with A and D interchanges his position with F, who sits third to the right of D?

- (A)  C  
(B)  F  
(C)  **B (Correct Answer)** (Chosen option)  
(D)  A

**Question No.19**

Marks: 1.00

Bookmark 

Who sits second to the right of the one who sits to the immediate right of B?

- (A)  F  
(B)  **C (Correct Answer)** (Chosen option)  
(C)  A  
(D)  E

**Question No.20**

Marks: 1.00

Bookmark 

Who sits third to the left of E?

- (A)  B  
(B)  A  
(C)  D  
(D)  **F (Correct Answer)** (Chosen option)

**Question No.21**

Marks: 1.00

Bookmark 

If all the vowels are removed in the word CHRISTIANIZATION, then the letters of the word are arranged alphabetically, which letter will be third from the right?

- (A)  **T (Correct Answer)** (Chosen option)  
(B)  H  
(C)  N  
(D)  S

**Question No.22**

Marks: 1.00

Bookmark 

Pointing to a girl, a lady said, "She is my husband's brother's wife's only son's sister." How is the girl related to the lady's husband?

- (A)  **Niece (Correct Answer)** (Chosen option)  
(B)  Cousin  
(C)  Sister  
(D)  Daughter

**Question No.23**

Marks: 1.00

Bookmark 

All persons in a row are facing North, K is 4th to the right of L who is at the extreme left. K has 4 persons on the right. What is the total number of persons in the row?

- (A)  9 (Correct Answer) (Chosen option)  
(B)  15  
(C)  12  
(D)  6

**Question No.24**

Marks: 1.00

Bookmark 

In a certain code language:

'learn life lessons' is written as 'lo ma ku',  
'lessons are good' is written as 'pi rh ma',  
'lead good life' is written as 'lo ja pi'.

What does the code 'ja' stand for?

- (A)  lead (Correct Answer) (Chosen option)  
(B)  life  
(C)  good  
(D)  lessons

**Question No.25**

Marks: 1.00

Bookmark 

What will be written in the place of question mark in the given series?

C3F6M13O15?14

- (A)  O  
(B)  N (Correct Answer) (Chosen option)  
(C)  M  
(D)  P

**Question No.26**

Marks: 1.00

Bookmark 

A, who is the son of F, is married to B whose brother is C. D is the wife of C and daughter of E. E is the husband of F. How is F related to D?

- (A)  Mother-in-law  
(B)  Mother (Correct Answer) (Chosen option)  
(C)  Daughter  
(D)  Aunt

**Case Study - 27 to 30**

4.00

**Directions:** In the following questions, few statements are given and these statements are followed by two conclusions numbered i and ii. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Choose,

- (A) Only (i) conclusion follows  
(B) Only (ii) conclusion follows  
(C) Neither (i) nor (ii) follows  
(D) Both (i) and (ii) follow  
(E) Either (i) or (ii) follows

**Question No.27**

Marks: 1.00

Bookmark 

Statements: All rice are maize. Some maize are jute. No jute is cereal.

Conclusions:



- i) Some rice are jute.  
ii) No rice is cereal.

(A)  C (Correct Answer) (Chosen option)  
(B)  A  
(C)  D  
(D)  B

**Question No.28**

Marks: 1.00

Bookmark 

Statements: Some cycles are vehicles. All vehicles are motors.

Conclusions:

- i) Some cycles are motors.  
ii) No cycle is motor

(A)  B  
(B)  E  
(C)  A (Correct Answer) (Chosen option)  
(D)  C

**Question No.29**

Marks: 1.00

Bookmark 

Statements: Some roads are lanes. All lanes are streets. Some streets are blocks.

Conclusions:

- i) Some roads are streets.  
ii) Some blocks are lanes.

(A)  A (Correct Answer) (Chosen option)  
(B)  E  
(C)  C  
(D)  B

**Question No.30**

Marks: 1.00

Bookmark 

Statements: All boys are students. All girls are boys.

Conclusions:

- i) All girls are students.  
ii) All students are boys.

(A)  E  
(B)  A (Correct Answer) (Chosen option)  
(C)  B  
(D)  C

**Question No.31**

Marks: 1.00

Bookmark 

In a certain code language, if GRADE is coded as TIZWV, then how is RIVAL coded in that language?

(A)  MVZPE  
(B)  RBOX  
(C)  IREZO (Correct Answer) (Chosen option)  
(D)  VMZEP

**Question No.32**

Marks: 1.00

Bookmark 

In a certain code language, if AHEAD is coded as DKHDG, then how is DEATH coded in that language?

- (A)  LXEIH  
 (B)  WVZGS  
 (C)  HGDKW  
 (D)  **GHDWK (Correct Answer)** (Chosen option)

**Question No.33**

Marks: 1.00

Bookmark 

The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit.  
 Give your answer as per below options:

- A) If only assumption 1 is implicit.  
 B) If only assumption 2 is implicit.  
 C) If neither 1 nor 2 is implicit.  
 D) If both 1 and 2 are implicit.

**Statement:** Balaji's parents wanted him to quit social media.

**Assumptions:**

1. They wanted to cut down on their electricity bill.
2. His parents believe that young adults who check social media more frequently and for more time, have greater sleep disturbances.

- (A)  **B (Correct Answer)** (Chosen option)  
 (B)  A  
 (C)  D  
 (D)  C

**Question No.34**

Marks: 1.00

Bookmark 

If in the number sequence 8 4 1 5 6 3 2 7 9 4 5 2, all the odd numbers are decreased by one and all the even numbers are increased by one, then the new number sequence is arranged in descending order, which will be the ninth digit from the left?

- (A)  2  
 (B)  6  
 (C)  **3 (Correct Answer)** (Chosen option)  
 (D)  7

**Question No.35**

Marks: 1.00

Bookmark 

**In this question, a statement is given followed by two conclusions numbered i and ii. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.**

**Statement:** It is advisable to drink coffee twice everyday.

**Conclusion:**

- i) Coffee may be a healthy drink.
- ii) Coffee is healthier than Tea.

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
 (B) Only conclusion ii follows  
 (C) Either i or ii follows  
 (D) Neither i nor ii follows and  
 (E) Both i and ii follow.  
 (A)  E (Chosen option)  
 (B)  **A (Correct Answer)**

- (C)  B  
(D)  C

**Question No.36**

Marks: 1.00

Bookmark 

A is the brother of B. C is the sister of B. D is the father of C. How is B related to D?

- (A)  Father  
(B)  Niece  
(C)  **Son(or)Daughter (Correct Answer)** (Chosen option)  
(D)  Cousin

**Question No.37**

Marks: 1.00

Bookmark 

In this question, relationship between different elements is shown in the statement.  
This statement is followed by two conclusions:

**Statements:**  $A < F = R > I \geq C > N$

**Conclusion:**

- i)  $A > I$   
ii)  $C < A$

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows  
(D) Neither i nor ii follows  
(E) Both i and ii follow.  
(A)  A  
(B)  **D (Correct Answer)** (Chosen option)  
(C)  B  
(D)  C

**Question No.38**

Marks: 1.00

Bookmark 

In this question, a statement is given followed by two conclusions numbered i and ii.  
You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

**Statement:** Today's younger generation loves to include potato chips as a snack.

**Conclusions:**

- i) Today's younger generation takes a lot of snack.  
ii) Old people don't prefer potato chips.

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows  
(D) Neither i nor ii follows  
(E) Both i and ii follow.  
(A)  C  
(B)  B  
(C)  A  
(D)  **D (Correct Answer)** (Chosen option)

**Question No.39**

Marks: 1.00



Bookmark 

In this question, a statement is given followed by two conclusions numbered i and ii. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

**Statement:** India is one of the world's largest suppliers of generic drugs to the developing world.

**Conclusion:**

- i) India is a developing country.
- ii) India is not the only country that supplies generic drugs to the world.

Choose the appropriate one from the following options

- (A) Only conclusion i follows
  - (B) Only conclusion ii follows
  - (C) Either i or ii follows
  - (D) Neither i nor ii follows
  - (E) Both i and ii follow.
- (A)  D
- (B)  B (Correct Answer) (Chosen option)
- (C)  C
- (D)  A

**Question No.40**

Marks: 1.00

Bookmark 

The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit. Give your answer as per below options:

- A) If only assumption 1 is implicit.
- B) If only assumption 2 is implicit.
- C) If neither 1 nor 2 is implicit.
- D) If both 1 and 2 are implicit.

**Statement:** Carpooling is sharing your car to accommodate more than one person at a time, eliminating the need for riders to drive themselves in separate vehicles.

**Assumptions:** 1. Carpooling reduces traffic congestion.

2. Carpooling allows you to share the cost of gas and parking and considerably cut your expenses.

- (A)  D (Correct Answer)
- (B)  B (Chosen option)
- (C)  C
- (D)  A

**Question No.41**

Marks: 1.00

Bookmark 

The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit. Give your answer as per below options:

- A) If only assumption 1 is implicit.
- B) If only assumption 2 is implicit.
- C) If neither 1 nor 2 is implicit.
- D) If both 1 and 2 are implicit.

**Statement:** The government ordered the officers to make the employment scheme popular among people living in rural areas.

**Assumptions:**

1. Most of the rural people are not aware of the employment scheme.
2. This scheme may be of great use to the rural people.

- (A)  A  
(B)  C  
(C)  B (Chosen option)  
(D)  D (Correct Answer)

**Case Study - 42 to 46**

5.00

**Directions:**

In each of the following questions, a few statements have been given. Analyse the given statements and answer whether the data given in the statements are sufficient to answer the question or not.

Give answer

- A) If data in the statement I alone is sufficient to answer the question.  
B) If data in the statement II alone is sufficient to answer the question.  
C) If data either in the statement I alone or statement II alone are sufficient to answer the question.  
D) If data given in both I & II together are not sufficient to answer the question.  
E) If data in both statements I & II together are necessary to answer the question.

**Question No.42**

Marks: 1.00

Bookmark **Question:** Is  $S < T$ ?**Statements:**I:  $S < I = X$ II:  $Y \geq T > X$ 

- (A)  A  
(B)  E (Correct Answer) (Chosen option)  
(C)  D  
(D)  B

**Question No.43**

Marks: 1.00

Bookmark **Question:** Pipe A can fill a empty tank in how many hours?**Statements:**

I: Pipe A and Pipe B together can fill a empty tank in 45 hours.

II: B is an outlet.

- (A)  B  
(B)  A  
(C)  C  
(D)  D (Correct Answer) (Chosen option)

**Question No.44**

Marks: 1.00

Bookmark **Question:** Find the distance travelled by A.**Statements:**

I: A covers a particular distance in 4 hours.

II: A travels by car at 40 kmph.

- (A)  E (Correct Answer) (Chosen option)  
(B)  A  
(C)  B  
(D)  C

**Question No.45**

Marks: 1.00

Bookmark 

**Question:** In a certain code language, how is HIM coded?

**Statements:**

I: In the same language, EAR is coded as 127

II: In the same language, HIS is coded as 348

- (A)  A  
(B)  B  
(C)  **D (Correct Answer)** (Chosen option)  
(D)  C

**Question No.46**

Marks: 1.00

Bookmark 

**Question:** Find the amount invested under simple interest.

**Statements:**

I: Interest earned after 2 years is Rs.5250 under compound interest.

II: Rate of interest for the amount invested under simple interest is 20% p.a..

- (A)  **D (Correct Answer)** (Chosen option)  
(B)  C  
(C)  B  
(D)  A

**Question No.47**

Marks: 1.00

Bookmark 

**What should be written in the place of question mark in the given series?**

G4, I8, ?, M16, O20

- (A)  J14  
(B)  **K12 (Correct Answer)**  
(C)  K14  
(D)  J12 (Chosen option)

**Question No.48**

Marks: 1.00

Bookmark 

Pointing to a boy, a lady said, " He is the son of my grandmother's only child's husband's only daughter's husband." How is the boy related to the lady?

- (A)  Nephew  
(B)  **Son (Correct Answer)** (Chosen option)  
(C)  Grandson  
(D)  Brother

**Question No.49**

Marks: 1.00

Bookmark 

**In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions:**

**Statement:**  $H > U \geq S = B$ ;  $D \geq N > A > B$

**Conclusions:**

- i)  $H > S$   
ii)  $B < D$

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows  
(D) Neither i nor ii follows  
(E) Both i and ii follow



- (A)  E (Correct Answer)  
 (B)  C  
 (C)  A (Chosen option)  
 (D)  B

## Question No.50

Marks: 1.00

Bookmark 

In this question, relationship between different elements is shown in the statement.  
 This statement is followed by two conclusions:

Statement:  $B \leq L > E = N$ ;  $R < A \leq D < N$

Conclusions:

- i)  $L > D$   
 ii)  $N > R$

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
 (B) Only conclusion ii follows  
 (C) Either i or ii follows  
 (D) Neither i nor ii follows  
 (E) Both i and ii follow  
 (A)  E (Correct Answer) (Chosen option)  
 (B)  A  
 (C)  B  
 (D)  C

## Odia - Odia

## Case Study - 1 to 5

5.00

ବୈଶାଳୀର ଆମ୍ବବନ । ଚାତୁର୍ଯ୍ୟ ବ୍ରତ ଉଦ୍‌ଯାପନ ପାଇଁ ବୁଝ ବର୍ତ୍ତମାନ ସେଠାରେ ଅବସ୍ଥାନ କରୁଛନ୍ତି । ଆମ୍ବବନର ସ୍ଥାନେ ସ୍ଥାନେ କିଛି ପତ୍ରକୁଟୀର ଓ ଶ୍ରମଶଙ୍କ ରହିବା ପାଇଁ ବ୍ୟବସ୍ଥା । ସ୍ଥାନେ ସ୍ଥାନେ ଉଚ୍ଚ ପିଣ୍ଡି, ଅବସର ସମୟରେ ଭିକ୍ଷୁମାନଙ୍କର ଧର୍ମ ଚର୍ଚ୍ଚା ଓ ସାଧନା କରିବା ପାଇଁ ଏହି ପିଣ୍ଡି ବ୍ୟବସ୍ଥା । ଏଇଟା ବର୍ଷାଦିନ । ଏହି ଆମ୍ବବନଟି ନିସ୍ତୁବ୍ଧ, ନିର୍ବାକ୍ । ଯଦିଓ ଗଛପତ୍ରର ଫାଙ୍କ ଦେଇ, କିଛି କିଛି ଜ୍ୟୋତ୍ସ୍ନା ଆସି ମାଟି ଉପରେ ପଡୁଛି ଏବଂ ମନେହେଉଛି, ଯେପରି ମାଟି ଉପରେ କିଏ ଚିତା ଆଙ୍କିଦେଇଯାଇଛି । ଗୋଟିଏ ପିଣ୍ଡି ଉପରେ ଏକ ଦୀପଦଣ୍ଡରେ ଦୀପଟିଏ ଜଳୁଛି । ତା' ପାଖରେ ଗୋଟିଏ କାଷ୍ଠ ପିଠିକା ଏବଂ ପିଠିକା ଉପରେ ପୋଥିଟିଏ ମେଲା ହୋଇ ପଡ଼ିଛି । ପାଖରେ ବସି ସେଇ ପୋଥିଟିକୁ ନିର୍ନିମେଷ ଆଖିରେ ଅନେଇ ରହିଛନ୍ତି ଭିକ୍ଷୁ ନୀଳଲୋହିତ । ହୁଏତ ସେ ଗଭୀର ନିଷ୍ଠାର ସହ ମନେ ମନେ ପୋଥି ପାଠ କରୁଛନ୍ତି କିମ୍ବା ପୋଥିକୁ ଅନେଇ ସେ କିଛି ଚିନ୍ତାରେ ନିମଗ୍ନ ରହିଛନ୍ତି ।

## Question No.1

Marks: 1.00

Bookmark 

ନୀଳଲୋହିତ ପୋଥିକୁ କେଉଁ ଅବସ୍ଥାରେ ଅନେଇ ରହିଥିଲେ ?

- (A)  ଅନୁଷ୍ଠାନ  
 (B)  କର୍ମରତ  
 (C)  ଶୟନରତ  
 (D)  ଚିନ୍ତାମଗ୍ନ (Correct Answer) (Chosen option)

## Question No.2

Marks: 1.00

Bookmark 

ଚାତୁର୍ଯ୍ୟ ବ୍ରତ ଉଦ୍‌ଯାପନ ପାଇଁ କିଏ ବୈଶାଳୀର ଆମ୍ବବନକୁ ଆସିଥିଲେ ?

- (A)  ମହାବୀର  
 (B)  ନିରଞ୍ଜନା  
 (C)  ଜୈନ  
 (D)  ବୁଝ (Correct Answer) (Chosen option)

## Question No.3

Marks: 1.00

Bookmark 

ପିଠିକା ଉପରେ ପୋଥିଟିଏ କିପରି ପଢ଼ିଛି ?

- (A)  ମେଲା (Correct Answer) (Chosen option)
- (B)  ସେମିତି
- (C)  ଚିରା
- (D)  ବନ୍ଦ

## Question No.4

Marks: 1.00

Bookmark 

ଗଛପତ୍ରର ଫାଙ୍କ ଦେଇ ମାଟି ଉପରେ ପଡ଼ୁଥିବା ଜ୍ୟୋତ୍ସ୍ନା କିପରି ମନେହେଉଛି ?

- (A)  ମାଟି ଉପରେ ଅଙ୍କିତ ଚିତା ପରି (Correct Answer) (Chosen option)
- (B)  କଳା
- (C)  ସୁନ୍ଦର
- (D)  ଝାପସା

## Question No.5

Marks: 1.00

Bookmark 

ନୀଳଲୋହିତ କିଏ ?

- (A)  ରିଣ୍ଡୁ (Correct Answer) (Chosen option)
- (B)  ଚୋର
- (C)  କାଳ
- (D)  ପଣ୍ଡିତ

## Question No.6

Marks: 1.00

Bookmark 

ଶୁଭ ଶକ୍ତି ବାଛି ।

- (A)  ହୁଷିକେଶ (Chosen option)
- (B)  ହୁଶିକେଶ
- (C)  ହୁଷୀକେଶ (Correct Answer)
- (D)  ହୁଷୀକେସ

## Question No.7

Marks: 1.00

Bookmark 

'ନଦୀର ଜଳ ମଧୁର' ।- ବାକ୍ୟରେ ଥିବା 'ନଦୀର' କେଉଁ ବିଭକ୍ତି ?

- (A)  ତୃତୀୟା
- (B)  ଷଷ୍ଠୀ (Correct Answer) (Chosen option)
- (C)  ଚତୁର୍ଥୀ
- (D)  ପଞ୍ଚମୀ

## Question No.8

Marks: 1.00

Bookmark 

'ପିତାମହଙ୍କର ପିତା' - ଏକ ପଦରେ ପ୍ରକାଶ କର ।

- (A)  ପ୍ରପିତାମହ (Correct Answer) (Chosen option)
- (B)  ପିତା
- (C)

- (C) ପିତାଙ୍କ ପିତା  
(D) ପିତାମହ

**Question No.9**

Marks: 1.00

Bookmark 

ପବନ ଅତି ଧୀରେ ବହୁଛି । ରେଖାଙ୍କିତ ପଦଟି କେଉଁ ଧରଣର ବିଶେଷଣ ?

- (A)  ସର୍ବନାମ ବିଶେଷଣ  
(B)  କ୍ରିୟା ବିଶେଷଣର ବିଶେଷଣ (Correct Answer) (Chosen option)  
(C)  କ୍ରିୟା ବିଶେଷଣ  
(D)  କ୍ରିୟାଜ ବିଶେଷଣ

**Question No.10**

Marks: 1.00

Bookmark 

ଲବକୁଶ ଦୁହେଁ ଜାଆଁଳା ଭାଇ । ରେଖାଙ୍କିତ ପଦଟି କେଉଁ ବିଭକ୍ତି?

- (A)  ତୃତୀୟା  
(B)  ପ୍ରଥମା (Correct Answer) (Chosen option)  
(C)  ଷଷ୍ଠୀ  
(D)  ଦ୍ୱିତୀୟା

**Question No.11**

Marks: 1.00

Bookmark 

ଧୂଳି ଶବ୍ଦ ଯୋଗେ କେଉଁ ବିଭକ୍ତି ହୋଇଥାଏ ?

- (A)  ପଞ୍ଚମୀ  
(B)  ତୃତୀୟା  
(C)  ଚତୁର୍ଥୀ  
(D)  ଦ୍ୱିତୀୟା (Correct Answer) (Chosen option)

**Question No.12**

Marks: 1.00

Bookmark 

ତୋଷ- ଶବ୍ଦର ବିପରୀତ ଶବ୍ଦଟି କ'ଣ ?

- (A)  କ୍ଳୋଧ  
(B)  ରାଗ  
(C)  ରୋଷ (Correct Answer) (Chosen option)  
(D)  ଅରୋଷ

**Question No.13**

Marks: 1.00

Bookmark 

'ସୁକାୟ' ଶବ୍ଦର ବିପରୀତ ଶବ୍ଦଟି କ'ଣ ?

- (A)  ପରିକ୍ରୟା  
(B)  ପରକାୟା  
(C)  ପରସ୍ତ  
(D)  ପରକୀୟା (Correct Answer) (Chosen option)

**Question No.14**

Marks: 1.00

Bookmark 

'ମଣୋହି' କି ପ୍ରକାର ଶବ୍ଦ?



- (A)  ଅପଭ୍ରଂଶ  
 (B)  ଦେଶଜ (Correct Answer)  
 (C)  ପାରସିକ  
 (D)  ଚୟମ (Chosen option)

## Question No.15

Marks: 1.00

Bookmark 

‘ସମୁଦ୍ର ପର୍ଯ୍ୟନ୍ତ’- ଏକ ପଦରେ ପ୍ରକାଶ କର।

- (A)  ଆସମୁଦ୍ର (Correct Answer) (Chosen option)  
 (B)  ସାମୁଦ୍ରିକ  
 (C)  ଅସମୁଦ୍ର  
 (D)  ଅସୁନ୍ଦର

## Question No.16

Marks: 1.00

Bookmark 

କଟକ ଏକ ପୁରାତନ ସହର । ରେଖାଙ୍କିତ ପଦଟି କେଉଁ ଧରଣର ବିଶେଷ୍ୟ ?

- (A)  ଜାତିବାଚକ ବିଶେଷ୍ୟ  
 (B)  ଗୁଣବାଚକ ବିଶେଷ୍ୟ  
 (C)  ବସୁବାଚକ ବିଶେଷ୍ୟ  
 (D)  ବ୍ୟକ୍ତିବାଚକ ବିଶେଷ୍ୟ (Correct Answer) (Chosen option)

## Question No.17

Marks: 1.00

Bookmark 

‘ପ୍ରାଚୀନ’ କି ପ୍ରକାର ଶବ୍ଦ?

- (A)  ପ୍ରାକୃତ  
 (B)  ତତ୍ତ୍ୱ  
 (C)  ଚୟମ (Correct Answer) (Chosen option)  
 (D)  ପାଲି

## Question No.18

Marks: 1.00

Bookmark 

ମନୁଷ୍ୟ ମନତାର ଦାସ । ରେଖାଙ୍କିତ ପଦଟି କେଉଁ ଧରଣର ବିଶେଷ୍ୟ?

- (A)  କ୍ରିୟାବାଚକ ବିଶେଷ୍ୟ  
 (B)  ନାମବାଚକ ବିଶେଷ୍ୟ  
 (C)  ଗୁଣବାଚକ ବିଶେଷ୍ୟ (Correct Answer) (Chosen option)  
 (D)  ଜାତିବାଚକ ବିଶେଷ୍ୟ

## Question No.19

Marks: 1.00

Bookmark 

ଶୁଭ ଶବ୍ଦଟି ବାଛି ।

- (A)  କିରିଟି  
 (B)  କିରାଟି (Chosen option)  
 (C)  କାରିଟି  
 (D)  କିରୀଟୀ (Correct Answer)

## Question No.20

Marks: 1.00

Bookmark 

ପିଲାମାନେ ଆସୁଥିଲେ । ବାକ୍ୟରେ ଥିବା 'ପିଲାମାନେ' କେଉଁ ବିଭକ୍ତି?

- (A)  ତୃତୀୟା  
 (B)  ଦ୍ୱିତୀୟା  
 (C)  ଚତୁର୍ଥୀ  
 (D)  ପ୍ରଥମା (Correct Answer) (Chosen option)

## English - English

## Case Study - 1 to 5

5.00

**Directions-** Read the short passage below and answer the questions that follow.

Around one in every 70 Australians are on the autism spectrum. The proportion of children with autism is higher – more than 80% of all Australians on the autism spectrum are aged under 25. Autism is most prevalent among school-aged children between 5 and 14. Many of these children have social, learning, communication and intellectual difficulties. The high proportion of children on the autism spectrum presents an obvious challenge to teachers and the learning environment. Episodic memory is stimulated when exposed to visual information. People with autism sometimes perform better when given visual tasks. One way to possibly stimulate is it could be through the use of video-based instruction (VBI). VBI helped children with autism gain social skills. It showed students with autism could more easily learn functional skills and transfer and generalise them. The children are taught to actively analyse an everyday episode – a conscious memory of a previous experience - and to build alternative stories around it, with themselves as a **protagonist**. They learn to visualise the situation and imagine it changing. Many students with autism have often difficulty with reading comprehension. Some research shows teaching visualisation strategies to reading underachievers generally enhances reading comprehension.

## Question No.1

Marks: 1.00

Bookmark 

The number of autism cases in Australia is mainly\_\_\_\_\_.

- (A)  between 5 to 10  
 (B)  between 3 to 14  
 (C)  between 5 to 14 (Correct Answer) (Chosen option)  
 (D)  between 1 to 10

## Question No.2

Marks: 1.00

Bookmark 

The suitable title for the passage is \_\_\_\_\_

- (A)  Autism in adult  
 (B)  previous memory  
 (C)  Enhance social skills  
 (D)  Autism in children (Correct Answer) (Chosen option)

## Question No.3

Marks: 1.00

Bookmark 

Choose the correct meaning of the highlighted word '**protagonist**'

- (A)  main character (Correct Answer) (Chosen option)  
 (B)  opponent  
 (C)  children  
 (D)  adult

## Question No.4

Marks: 1.00

Bookmark

The passage primarily focuses on \_\_\_\_\_.

- (A)  **autism among Australians (Correct Answer)**  
(B)  learning environment  
(C)  gain social skills (Chosen option)  
(D)  everyday task

**Question No.5**

Marks: 1.00

Bookmark 

What is episodic memory?

- (A)  functional skills  
(B)  **recalling past (Correct Answer)**  
(C)  social actions  
(D)  teaching visualisation (Chosen option)

**Question No.6**

Marks: 1.00

Bookmark 

Find the correct active/ passive voice for the given sentence in passive/ active voice from the given alternatives.

He noted down the questions.

- (A)  The questions are noted down by them.  
(B)  The questions noted down them.  
(C)  **The questions were noted down by them. (Correct Answer)** (Chosen option)  
(D)  The questions noted down by them.

**Question No.7**

Marks: 1.00

Bookmark 

Fill in the blank with suitable tense.

The German course \_\_\_\_\_ yet.

- (A)  has started  
(B)  **has not been started (Correct Answer)** (Chosen option)  
(C)  have started  
(D)  started

**Question No.8**

Marks: 1.00

Bookmark 

We are going to Lal park today, \_\_\_ you join us?

- (A)  shall  
(B)  **will (Correct Answer)** (Chosen option)  
(C)  could  
(D)  may

**Question No.9**

Marks: 1.00

Bookmark 

Find the correct active voice for the given sentence in passive voice from the given alternatives.

The chief guest is welcomed by them.

- (A)  **They welcome the chief guest. (Correct Answer)** (Chosen option)  
(B)  They welcomed the chief guest.  
(C)  They are welcoming the chief guest.  
(D)  They had welcome the chief guest.



## Question No.10

Marks: 1.00

Bookmark 

Convert the given direct/ indirect speech to indirect/ direct speech with the help of the given options.

She said, "I killed a mosquito"

- (A)  She said that she has killed a mosquito.  
(B)  She said that she killed a mosquito.  
(C)  **She said that she had killed a mosquito. (Correct Answer)** (Chosen option)  
(D)  She explained that she had killed a mosquito.

## Question No.11

Marks: 1.00

Bookmark 

Fill in the blanks with suitable Article from the given alternatives.

Jasprit Bumrah has taken \_\_\_\_\_ cricketing world by storm.

- (A)  a  
(B)  an  
(C)  No Article  
(D)  **the (Correct Answer)** (Chosen option)

## Question No.12

Marks: 1.00

Bookmark 

Fill in the blanks with suitable Preposition from the given alternatives.

What is the time \_\_\_\_\_ your watch?

- (A)  through  
(B)  at  
(C)  **by (Correct Answer)** (Chosen option)  
(D)  on

## Question No.13

Marks: 1.00

Bookmark 

Fill in the blanks with suitable Preposition from the given alternatives.

It has been raining \_\_\_\_\_ morning.

- (A)  at  
(B)  **since (Correct Answer)** (Chosen option)  
(C)  by  
(D)  for

## Question No.14

Marks: 1.00

Bookmark 

Last month we got \_\_\_\_ new customers and increased our profit.

- (A)  **many (Correct Answer)** (Chosen option)  
(B)  little  
(C)  every  
(D)  any

## Question No.15

Marks: 1.00

Bookmark 

Fill in the blank with appropriate verb in agreement with its subject.

Science \_\_\_\_\_ Jack's favorite subject, while social is Jenny's favorite subject.

- (A)  have  
(B)  **is (Correct Answer)** (Chosen option)  
(C)  are  
(D)  does

**Question No.16**

Marks: 1.00

Bookmark 

The baker made his musical entry on the scene with the 'Jhang jhung' sound of \_\_\_\_\_ specially made bamboo staff.

- (A)  them  
(B)  us  
(C)  they  
(D)  **his (Correct Answer)** (Chosen option)

**Question No.17**

Marks: 1.00

Bookmark 

Water \_\_\_\_\_ at 100 degree celsius.

- (A)  boiled  
(B)  will be boiled  
(C)  **boils (Correct Answer)** (Chosen option)  
(D)  should boil

**Question No.18**

Marks: 1.00

Bookmark 

He didn't write his homework \_\_\_\_\_ he was fractured.

- (A)  whereas  
(B)  **because (Correct Answer)** (Chosen option)  
(C)  due to  
(D)  while

**Question No.19**

Marks: 1.00

Bookmark 

Fill in the blank with suitable tense.

If he had cancelled the ticket, I \_\_\_\_\_ so much.

- (A)  would worry  
(B)  will have worried  
(C)  have worried  
(D)  **would have worried (Correct Answer)** (Chosen option)

**Question No.20**

Marks: 1.00

Bookmark 

Fill in the blanks with suitable Article from the given alternatives.

I have \_\_\_\_\_ umbrella in my bag.

- (A)  a  
(B)  **an (Correct Answer)** (Chosen option)  
(C)  the  
(D)  No article

## General Knowledge - General Knowledge

## Question No.1

Marks: 1.00

Bookmark 

Who is the common Chairman of 'Zonal Councils' in India?

- (A)  Prime Minister of India (Chosen option)
- (B)  Governor of the State
- (C)  Union Home Minister (Correct Answer)
- (D)  President of India

## Question No.2

Marks: 1.00

Bookmark 

The Odia newspaper named Kujibara Patrika was published by \_\_\_\_\_.

- (A)  Chandragupta Maurya
- (B)  Gauri Shankar Ray
- (C)  Fakir Mohan Senapati
- (D)  Sadhu Sundar Das (Correct Answer) (Chosen option)

## Question No.3

Marks: 1.00

Bookmark 

Which of the following places is also known as the Sugar city of Odisha?

- (A)  Bargarh
- (B)  Aska (Correct Answer) (Chosen option)
- (C)  Badamba
- (D)  Rayagada

## Question No.4

Marks: 1.00

Bookmark 

Which of the following rivers originates from Mahabaleshwar?

- (A)  River Godavari (Chosen option)
- (B)  River Kaveri
- (C)  River Mahanadi
- (D)  River Krishna (Correct Answer)

## Question No.5

Marks: 1.00

Bookmark 

In which state does the Subarnarekha river originate?

- (A)  Chhattisgarh
- (B)  Jharkhand (Correct Answer) (Chosen option)
- (C)  Odisha
- (D)  West Bengal

## Question No.6

Marks: 1.00

Bookmark 

Who among the following founded the Brahmo Samaj?

- (A)  Dayananda Saraswati
- (B)  Ishwar Chandra Vidyasagar
- (C)  Bankim Chandra Chatterjee
- (D)  Raja Ram Mohan Roy (Correct Answer) (Chosen option)

## Question No.7

Marks: 1.00



Who among the following is the author of the book 'The Social Contract'?	Bookmark <input type="checkbox"/>
(A) <input type="radio"/> Voltaire (B) <input type="radio"/> Amartya Sen (C) <input checked="" type="radio"/> <b>Jean-Jacques Rousseau (Correct Answer)</b> (Chosen option) (D) <input type="radio"/> Karl Marx	
<b>Question No.8</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Which of the following diseases is a bacterial disease?	
(A) <input type="radio"/> Polio (B) <input type="radio"/> HIV (C) <input type="radio"/> Measles (D) <input checked="" type="radio"/> <b>Typhoid (Correct Answer)</b> (Chosen option)	
<b>Question No.9</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Whose birth anniversary is celebrated as National Unity Day every year in India?	
(A) <input type="radio"/> Rajiv Gandhi (B) <input type="radio"/> Maulana Abul Kalam Azad (C) <input type="radio"/> Dadabhai Naoroji (D) <input checked="" type="radio"/> <b>Vallabhbhai Patel (Correct Answer)</b> (Chosen option)	
<b>Question No.10</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Who is the first Indian woman to win a Paralympic Gold medal in shooting?	
(A) <input type="radio"/> Deepa Malik (B) <input checked="" type="radio"/> <b>Avani Lekhara (Correct Answer)</b> (Chosen option) (C) <input type="radio"/> Ekta Bhyan (D) <input type="radio"/> Bhavina Patel	
<b>Question No.11</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Who among the following was the Governor General of India during revolt of 1857?	
(A) <input type="radio"/> Lord Ripon (B) <input type="radio"/> Lord Dalhousie (C) <input type="radio"/> Lord Dufferin (D) <input checked="" type="radio"/> <b>Lord Canning (Correct Answer)</b> (Chosen option)	
<b>Question No.12</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Who introduced Sattriya dance form in Assam?	
(A) <input checked="" type="radio"/> <b>Mahapurusha Sankaradeva (Correct Answer)</b> (B) <input type="radio"/> Madhavacharya (C) <input type="radio"/> Vimaladitya (D) <input type="radio"/> Ramanuja	
<b>Question No.13</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Alpha particles are _____ charged.	
(A) <input type="radio"/> Zero	

- (B)  **Positively (Correct Answer)** (Chosen option)  
(C)  Neutral  
(D)  Negatively

**Question No.14**

Marks: 1.00

Bookmark 

Which film has won the 'Best Feature Film award' in the 68th National Film Awards?

- (A)  Tanhaji: The Unsung Warrior  
(B)  Mandela  
(C)  **Soorarai Pottru (Correct Answer)** (Chosen option)  
(D)  Ayyappanum Koshiyum

**Question No.15**

Marks: 1.00

Bookmark 

Mary Kom won an Olympic Medal in which of the following sports?

- (A)  Shooting  
(B)  Weighlifting  
(C)  **Boxing (Correct Answer)** (Chosen option)  
(D)  Badminton

**Question No.16**

Marks: 1.00

Bookmark 

Which was the sixth and last Scorpene-class submarine launched by the Indian Navy under Project 75 in April 2022?

- (A)  INS Vagir  
(B)  INS Karanj  
(C)  INS Vela (Chosen option)  
(D)  **INS Vagsheer (Correct Answer)**

**Question No.17**

Marks: 1.00

Bookmark 

In May 2022, where was the 75th World Health Assembly held?

- (A)  **Switzerland (Correct Answer)** (Chosen option)  
(B)  Sweden  
(C)  The United States of America  
(D)  Norway

**Question No.18**

Marks: 1.00

Bookmark 

In India, who among the following has the authority to certify a Bill as a Money Bill?

- (A)  **Speaker of the Lok Sabha (Correct Answer)** (Chosen option)  
(B)  Business Advisory Committee  
(C)  Leader of the House in Lok Sabha  
(D)  President of India

**Question No.19**

Marks: 1.00

Bookmark 

What is the full form of 'NBFC', a type of financial Institution?

- (A)  Nominal Banking Financial Company  
(B)  National Banking Financial Company  
(C)

- (C) **Non-Banking Financial Company (Correct Answer)** (Chosen option)  
(D)  Net Banking Financial Company

**Question No.20**

Marks: 1.00

Bookmark 

Which Country will host its maiden MotoGP World Championships race in 2023?

- (A)  Sweden  
(B)  **India (Correct Answer)**  
(C)  Italy  
(D)  France

**Question No.21**

Marks: 1.00

Bookmark 

Who invented the first successful airplane?

- (A)  Grimm Brothers  
(B)  Biro Brothers  
(C)  Jackson Brothers  
(D)  **Wright Brothers (Correct Answer)** (Chosen option)

**Question No.22**

Marks: 1.00

Bookmark 

Stephen Hawking was an expert in which of the following?

- (A)  Genetic Engineering  
(B)  Automobile  
(C)  **Black Holes (Correct Answer)** (Chosen option)  
(D)  Oncology

**Question No.23**

Marks: 1.00

Bookmark 

Which river is known as 'Tsangpo' in Tibet?

- (A)  River Teesta  
(B)  River Indus  
(C)  River Kosi  
(D)  **River Brahmaputra (Correct Answer)** (Chosen option)

**Question No.24**

Marks: 1.00

Bookmark 

Where is the SAARC Secretariat located?

- (A)  **Kathmandu (Correct Answer)** (Chosen option)  
(B)  Colombo  
(C)  Islamabad  
(D)  Dhaka

**Question No.25**

Marks: 1.00

Bookmark 

When is Earth Day celebrated?

- (A)  25th April  
(B)  23rd April  
(C)  24th April  
(D)  **22nd April (Correct Answer)** (Chosen option)



<b>Question No.26</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Where was the first municipal corporation set up in India? (A) <input type="radio"/> Calcutta (B) <input type="radio"/> Surat (C) <input type="radio"/> <b>Madras (Correct Answer)</b> (Chosen option) (D) <input type="radio"/> Bombay	
<b>Question No.27</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
The historic Bali Yatra will be held in November 2022 on the banks of which of the following rivers? (A) <input type="radio"/> Subarnarekha River (B) <input type="radio"/> Brahmani River (Chosen option) (C) <input type="radio"/> <b>Mahanadi River (Correct Answer)</b> (D) <input type="radio"/> Baitarani River	
<b>Question No.28</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
The Gandhi Peace Prize Carries an amount of Rs. _____ (A) <input type="radio"/> 50 Lakhs (B) <input type="radio"/> <b>1 crore (Correct Answer)</b> (C) <input type="radio"/> 5 crores (D) <input type="radio"/> 2 crores	
<b>Question No.29</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Which of the following ancient Indian books has been written by Harshavardhana? (A) <input type="radio"/> Kumarasambhava (B) <input type="radio"/> Ashtadhyayi (C) <input type="radio"/> <b>Ratnavali (Correct Answer)</b> (Chosen option) (D) <input type="radio"/> Amuktamalyada	
<b>Question No.30</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
The 17th Pravasi Bharatiya Divas 2023 will be held in which of the following cities? (A) <input type="radio"/> Ahmedabad (B) <input type="radio"/> Chandigarh (C) <input type="radio"/> Jaipur (D) <input type="radio"/> <b>Indore (Correct Answer)</b> (Chosen option)	
<b>Question No.31</b>	Marks: 1.00 Bookmark <input type="checkbox"/>
Oscar Award is associated with which of the following fields? (A) <input type="radio"/> Mathematics (B) <input type="radio"/> Architecture (C) <input type="radio"/> <b>Film industry (Correct Answer)</b> (Chosen option) (D) <input type="radio"/> Medicine	
<b>Question No.32</b>	Marks: 1.00

At present, which among the following is India's largest Public sector bank? (A) <input type="radio"/> <b>State Bank of India (Correct Answer)</b> (Chosen option) (B) <input type="radio"/> Canara Bank (C) <input type="radio"/> Punjab National Bank (D) <input type="radio"/> Indian Bank	Bookmark <input type="checkbox"/>
<b>Question No.33</b> Who became the first Governor of Orissa Province in 1936? (A) <input type="radio"/> Gopabandhu Das (B) <input type="radio"/> Harekrushana Mahatab (C) <input type="radio"/> George Campbell (D) <input type="radio"/> <b>John Austin Hubback (Correct Answer)</b> (Chosen option)	Marks: 1.00 Bookmark <input type="checkbox"/>
<b>Question No.34</b> Manas National Park is located in which state? (A) <input type="radio"/> Arunachal Pradesh (B) <input type="radio"/> Meghalaya (C) <input type="radio"/> <b>Assam (Correct Answer)</b> (Chosen option) (D) <input type="radio"/> Manipur	Marks: 1.00 Bookmark <input type="checkbox"/>
<b>Question No.35</b> Which of the following substances is known as Dry Ice? (A) <input type="radio"/> <b>Solid Carbon Dioxide (Correct Answer)</b> (Chosen option) (B) <input type="radio"/> Solid Oxygen (C) <input type="radio"/> Liquid Hydrogen (D) <input type="radio"/> Liquid Nitrogen	Marks: 1.00 Bookmark <input type="checkbox"/>
<b>Question No.36</b> Which was the first dynasty of Delhi Sultanate? (A) <input type="radio"/> Khalji Dynasty (B) <input type="radio"/> Tughlaq Dynasty (C) <input type="radio"/> Lodi Dynasty (D) <input type="radio"/> <b>Mamluk Dynasty (Correct Answer)</b> (Chosen option)	Marks: 1.00 Bookmark <input type="checkbox"/>
<b>Question No.37</b> Bathukamma is a flower festival celebrated predominantly in which of the following states of India? (A) <input type="radio"/> Uttar Pradesh (B) <input type="radio"/> Madhya Pradesh (C) <input type="radio"/> Odisha (D) <input type="radio"/> <b>Telangana (Correct Answer)</b> (Chosen option)	Marks: 1.00 Bookmark <input type="checkbox"/>
<b>Question No.38</b> The severe depletion of stratospheric ozone in late winter and early spring in _____	Marks: 1.00 Bookmark <input type="checkbox"/>

is known as the 'ozone hole'.

- (A)  **Antarctica (Correct Answer)** (Chosen option)  
(B)  Asia  
(C)  Africa  
(D)  Arctic

**Question No.39**

Marks: 1.00

Bookmark 

What is the tenure of non-permanent members in the United Nations Security Council?

- (A)  **2 years (Correct Answer)** (Chosen option)  
(B)  4 years  
(C)  5 years  
(D)  1 year

**Question No.40**

Marks: 1.00

Bookmark 

The Odisha IT Policy 2022 shall be in operation for \_\_\_\_\_ years from the date of its Gazette Notification or till it is substituted by another Policy.

- (A)  **Five (Correct Answer)** (Chosen option)  
(B)  Six  
(C)  Ten  
(D)  Four

**Computer Awareness - Computer Awareness****Question No.1**

Marks: 1.00

Bookmark 

What does WWW stand for?

- (A)  Website & Webserver  
(B)  **World Wide Web (Correct Answer)** (Chosen option)  
(C)  World Web Server  
(D)  World Web Width

**Question No.2**

Marks: 1.00

Bookmark 

How many color dots make up one color pixel on a screen?

- (A)  **3 (Correct Answer)**  
(B)  265 (Chosen option)  
(C)  1080  
(D)  8

**Question No.3**

Marks: 1.00

Bookmark 

In Outlook, the emails which are not sent to the recipients due to no internet connection are temporarily stored on the \_\_\_\_\_ folder.

- (A)  **Outbox (Correct Answer)** (Chosen option)  
(B)  Spam  
(C)  Sent  
(D)  Inbox

**Question No.4**

Marks: 1.00

Bookmark



What is the shortcut key to see print preview in MS Word?

- (A)  Ctrl+F1  
(B)  Ctrl+F3 (Chosen option)  
(C)  Ctrl+F5  
(D)  **Ctrl+F2 (Correct Answer)**

**Question No.5**

Marks: 1.00

Bookmark

What is the shortcut key to navigate between open applications?

- (A)  Shift+Ctrl  
(B)  **Alt+tab (Correct Answer)** (Chosen option)  
(C)  Alt+Ctrl  
(D)  Shift+tab

**Question No.6**

Marks: 1.00

Bookmark

\_\_\_\_\_ is a component of software or application through which the user can feed input and receive a response, which consist of form and button controls.

- (A)  Language Translator  
(B)  **User Interface (Correct Answer)**  
(C)  Screensaver  
(D)  Platform (Chosen option)

**Question No.7**

Marks: 1.00

Bookmark

The blinking symbol on the computer screen when you open any text editor is called \_\_\_\_\_.

- (A)  Mouse  
(B)  **Cursor (Correct Answer)** (Chosen option)  
(C)  Palm  
(D)  Logo

**Question No.8**

Marks: 1.00

Bookmark

To add a symbol or number slightly above the normal line of text you need to select \_\_\_\_\_ option in Microsoft Word.

- (A)  Subscript  
(B)  Strikethrough  
(C)  Typescript  
(D)  **Superscript (Correct Answer)** (Chosen option)

**Question No.9**

Marks: 1.00

Bookmark

Which among the following application is a web browser?

- (A)  WinRAR  
(B)  Adobe Reader  
(C)  McAfee  
(D)  **Microsoft Edge (Correct Answer)** (Chosen option)

**Question No.10**

Marks: 1.00

Bookmark

The full form of BMP, an image file format is \_\_\_\_\_.

- (A)  Binarymap  
(B)  **Bitmap (Correct Answer)** (Chosen option)  
(C)  Basicmap  
(D)  Bitmark

**Question No.11**

Marks: 1.00

Bookmark

In Microsoft Word, \_\_\_\_\_ option can be used to view the tab spaces, page breaks, space bar returns.

- (A)  **Paragraph marks (Correct Answer)**  
(B)  Sort (Chosen option)  
(C)  Shading  
(D)  Wrap Text

**Question No.12**

Marks: 1.00

Bookmark

The Excel function to remove decimal or fractional part of the number is:

- (A)  REPLACE  
(B)  ABS (Chosen option)  
(C)  **TRUNC (Correct Answer)**  
(D)  AVG

**Question No.13**

Marks: 1.00

Bookmark

If all devices are connected to a central hub, then the topology is called \_\_\_\_\_.

- (A)  Tree Topology  
(B)  Bus Topology  
(C)  **Star Topology (Correct Answer)** (Chosen option)  
(D)  Ring Topology

**Question No.14**

Marks: 1.00

Bookmark

Which of the given operating systems is developed by Microsoft?

- (A)  Linux  
(B)  Solaris  
(C)  **Windows (Correct Answer)** (Chosen option)  
(D)  Unix

**Question No.15**

Marks: 1.00

Bookmark

Which of the following learnings uses manual labels of inputs?

- (A)  Inductive learning  
(B)  Reinforcement learning  
(C)  Unsupervised learning  
(D)  **Supervised learning (Correct Answer)**

**Question No.16**

Marks: 1.00

Bookmark

\_\_\_\_\_ is the ability to make money from the videos that you upload on YouTube.

- (A)  Analytics

- (B)  Retention
- (C)  **Monetization (Correct Answer)** (Chosen option)
- (D)  Optimization

**Question No.17**

Marks: 1.00

Bookmark 

Which of the following can travel over the network and spread from the infected machine to the whole network?

- (A)  **Worms (Correct Answer)**
- (B)  Trojan Horse
- (C)  Adware
- (D)  Virus (Chosen option)

**Question No.18**

Marks: 1.00

Bookmark 

The process which generates relational schema that allows us to store the information without unnecessary redundancy is called \_\_\_\_\_

- (A)  Localization
- (B)  **Normalization (Correct Answer)**
- (C)  Globalization
- (D)  Generalization

**Question No.19**

Marks: 1.00

Bookmark 

In programming syntax, every statement in a program should end with a \_\_\_\_\_

- (A)  "\$ "
- (B)  "% "
- (C)   **";" (Correct Answer)** (Chosen option)
- (D)  "@ "

**Question No.20**

Marks: 1.00

Bookmark 

\_\_\_\_\_ option in Excel allows you to display longer text within a cell without over spilling.

- (A)  Word Art
- (B)  Bookmark
- (C)  **Wrap text (Correct Answer)** (Chosen option)
- (D)  Watermark

