

Test Booklet

Series

**A**

Test Booklet No.

**Test Booklet**

**MCA**

Name of Applicant ..... Answer Sheet No. ....

Applicant Roll No. : ..... Signature of Applicant : .....

Date of Examination: ..... Signature of the Invigilator(s)

1. ....

Time of Examination : ..... 2. ....

**Duration : 1½ Hours]**

**[Maximum Marks : 90**

**IMPORTANT INSTRUCTIONS**

- (i) The question paper is in the form of Test-Booklet containing **90 (Ninty)** questions. All questions are compulsory. Each question carries four answers marked (A), (B), (C) and (D), out of which only one is correct. Choose the correct option or the most appropriate option.
- (ii) On receipt of the Test-Booklet (Question Paper), the candidate should immediately check it and ensure that it contains all the pages, i.e., **90** questions. Discrepancy, if any, should be reported by the candidate to the invigilator immediately after receiving the Test-Booklet.
- (iii) A separate Answer-Sheet is provided with the Test-Booklet/Question Paper. On this sheet there are **90** rows containing four circles each. One row pertains to one question.
- (iv) The candidate should write his/her Roll number at the places provided on the cover page of the Test-Booklet/Question Paper and on the Answer-Sheet and **NOWHERE ELSE**.
- (v) No second Test-Booklet/Question Paper and Answer-Sheet will be given to a candidate. The candidates are advised to be careful in handling it and writing the answer on the Answer-Sheet.
- (vi) For every correct answer of the question **One (1) mark will be awarded**.
- (vii) Marking shall be done only on the basis of answers responded on the Answer-Sheet.
- (viii) To mark the answer on the Answer-Sheet, candidate should **darken** the appropriate circle in the row of each question with Blue or Black pen.
- (ix) For each question only **one** circle should be **darkened** as a mark of the answer adopted by the candidate. If more than one circle for the question are found darkened or with one black circle any other circle carries any mark, the answer will be treated as incorrect.
- (x) The candidates should not remove any paper from the Test-Booklet/Question Paper. Attempting to remove any paper shall be liable to be punished for use of unfair means.
- (xi) Rough work may be done on the blank space provided in the Test-Booklet/Question Paper only.
- (xii) *Mobile phones (even in Switch-off mode) and such other communication/programmable devices are not allowed inside the examination hall.*
- (xiii) No candidate shall be permitted to leave the examination hall before the expiry of the time.

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.**

MCA

[P.T.O.



**PART-A**  
**(Mathematical Ability)**

1. What is the 95th term of the following letter series?  
A, A, B, B, B, B, C, C, C, C, C, C, D, D, D, D, D, D, D, D, E, ...
- (A) H (B) I  
(C) J (D) K
2. A certain sum of money earns a simple interest of ₹ 800 over 2-year period. The same sum of money invested at the same rate of interest and same period on a compound interest basis earns an interest of ₹ 900. What is the sum?
- (A) ₹ 1,200 (B) ₹ 1,600  
(C) ₹ 2,000 (D) ₹ 2,400
3. If  $x > 0$ , then which of the following expressions are equal to  $3.6\%$  of  $\frac{5x}{12}$  ?
- A. 3 percent of  $20x$   
B.  $x$  percent of  
C.  $3x$  percent of  $0.2$   
D.  $0.05$  percent of  $3x$   
E.  $\frac{3x}{200}$
- Choose the correct answer from the options given below:
- (A) A and B only (B) A and E only  
(C) C and D only (D) B and E only
4. A train running at 18 km per hour crosses a mark on the platform in 9 seconds and takes 25 seconds to cross the platform. If  $P$  is the length of the train and  $Q$  is the length of the platform in meters, then  $(P, Q) = \underline{\hspace{2cm}}$  .
- (A) (45, 80) (B) (45, 75)  
(C) (50, 90) (D) (50, 80)

5. Three pipes P, Q and R can fill a tank in 6 hours. After working at it together for 2 hours, R is closed and both P and Q can fill the remaining part in 7 hours. The number of hours that will be taken by R alone to fill the tank is

- (A) 10 (B) 12  
(C) 14 (D) 16

6. Out of 400 students who attended a seminar, 240 opted for written exam, 200 opted for presentations, 160 opted for assignments and 20 did not opt for giving any of the three methods of test. 200 students had exactly one of the three methods of test.

How many students opted for exactly two of the three testing methods?

- (A) 140 (B) 160  
(C) 220 (D) 170

7. Arrange the following numbers in increasing order :

A.  $\sqrt{59} - \sqrt{51}$

B.  $\sqrt{37} - \sqrt{29}$

C.  $\sqrt{87} - \sqrt{79}$

D.  $\sqrt{79} - \sqrt{71}$

Choose the correct answer from the options given below:

- (A)  $B < A < D < C$  (B)  $C < D < B < A$   
(C)  $B < A < C < D$  (D)  $C < D < A < B$

8. If  $5^a = 9^b = 2025$ , then the value of  $\frac{ab}{a+b} = \underline{\hspace{2cm}}$ .

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

**Instructions [9 to 13] :**

The following table shows the percentage of Cricket players and scored runs by them in three different tournaments P, Q and R. Total number of players is 300 and all the 300 players played all the matches in each tournament. Based on the data in the table; answer-the questions 1 to 5.

Tournament-wise Percentage of Players scoring runs

Tournament	% Players who scored runs		
	More than 60	More than 40	More than 20
P	25%	35%	80%
Q	25%	30%	60%
R	20%	30%	70%

9. Number of players who scored less than or equal to 40 runs in tournament Q is \_\_\_\_\_ % more than the number of players who scored more than 60 runs in tournament P and Q together.
- (A) 65 (B) 50  
(C) 40 (D) 45
10. What is the ratio between the number of players who scored more than 60 runs in tournament Q to the number of players who scored less than or equal to 20 runs in tournaments Q and R together?
- (A) 7 : 15 (B) 5 : 14  
(C) 4 : 15 (D) 3 : 5
11. What is the total number of players who scored more than 60 runs in all the three tournaments?
- (A) 210 (B) 270  
(C) 240 (D) 235
12. If L is the number of players who scored more than 40 runs in tournament P and M is the number of players who scored less than or equal to 40 runs in tournament R, then  $M - L =$  \_\_\_\_\_.
- (A) 140 (B) 130  
(C) 120 (D) 105
13. Average number of players who scored more than 20 runs in all the three tournaments is
- (A) 180 (B) 160  
(C) 190 (D) 210

14. A and B started a business with investment of ₹ 4500 and ₹ 2700 respectively.  
Find the share of profit of A in the total annual profit of ₹ 256.
- (A) ₹ 170 (B) ₹ 120  
(C) ₹ 160 (D) ₹ 140
15. The simple interest accrued on a sum of certain principal in 8 years at the rate of 13% per year is ₹ 6500. What would be the compound interest accrued on that principal at the rate of 8% per year in 2 years?
- (A) ₹ 1040 (B) ₹ 1020  
(C) ₹ 1060 (D) ₹ 1200
16. Average of a, b and c is 11; average of c, d and e is 17; average of e and f is 22 and average of e and c is 17. What is the average of a, b, c, d, e and f?
- (A)  $15\frac{2}{3}$  (B)  $18\frac{1}{2}$   
(C)  $16\frac{1}{2}$  (D)  $16\frac{2}{3}$
17. The least number of square tiles required to pave the floor of a room 15 m 91 cm and 9 m 46 cm broad is
- (A) 814 (B) 820  
(C) 840 (D) 844
18. Anil travelled 300 km by bus and 200 km by taxi. For this, it took him 5 hours and 30 minutes. However if he travels 260 km by bus and 240 km by taxi then he takes 6 minutes more. The speed of the bus is \_\_\_\_\_ km/hour.
- (A) 100 (B) 120  
(C) 80 (D) 110
19. What is the probability of getting a 'nine' or 'ten' on a single throw of two dice?
- (A)  $\frac{2}{9}$  (B)  $\frac{7}{36}$   
(C)  $\frac{1}{5}$  (D)  $\frac{2}{7}$

20. The length of a room exceeds its breadth by 2 meters. If the length be increased by 4 meters and the breadth decreased by 2 meters, the area remains the same. Find the surface area of its walls if the height is 3 meters.
- (A) 248 m<sup>2</sup> (B) 424 m<sup>2</sup>  
(C) 112 m<sup>2</sup> (D) 84 m<sup>2</sup>
21. A bus covers a distance of first 50 km in 40 minutes, next 50 km at a speed of 2 km per minute and the next 30 km at a speed of 1.0 km per minute. What is its average speed during the entire journey?
- (A) 61.5 kmph (B) 55.06 kmph  
(C) 82.1 kmph (D) 80 kmph
22. Three wheels making 60, 36 and 24 revolutions in a minute start with a certain point in their circumference onwards. Find when they will again come together in the same position.
- (A) 4 seconds (B) 5 seconds  
(C) 10 seconds (D) Never
23. If the height of a right circular cone is increased by 200% and the radius of the base is reduced by 50%, then the volume of the cone.
- (A) Remains unaltered (B) Decreases by 25%  
(C) Increases by 25% (D) Increases by 50%
24. An electric appliance is priced at Rs. 600 initially. Because of market recession, price was successively reduced three times, each time by 10% of the price after the earlier reduction. What is the current price?
- (A) Rs. 420 (B) Rs. 437.40  
(C) Rs. 444.30 (D) Rs. 478
25.  $\sqrt{188 + \sqrt{51 + \sqrt{169}}} = ?$
- (A) 16.4 (B) 14.4  
(C) 16 (D) 14

26. If  $a$  and  $b$  are positive real numbers and  $a * b$  denotes  $\sqrt{a \times b}$ , what is the value of  $8 * (4 * 16)$ ?
- (A)  $4^{1/3}$  (B) 16  
(C) 8 (D)  $4\sqrt{2}$
27. The average age of three men is 50 years and their ages are in the proportion 3:5:7. The age of the youngest man is :
- (A) 40 years (B) 30 years  
(C) 35 years (D) 50 years
28. A mixture of petrol and kerosene weighing 5 kg contains 5% kerosene. How much more kerosene (approx.) must be added into it to make it 10%?
- (A) 250 gm (B) 275 gm  
(C) 300 gm (D) 425 gm
29. A student who gets 20% marks fails by 20 marks, but another student who gets 36% marks gets 44 marks more than minimum passing marks. Find the maximum number of marks and percentage necessary for passing.
- (A) 300, 20% (B) 600, 20%  
(C) 400, 25% (D) 400, 20%
30. A boat covers 24 km upstream and 72 km downstream in 8 hours, while it covers 48 km upstream and 108 km downstream in 14 hours. Find the speed of the boat in still water and the speed of the stream respectively.
- (A) 12 km/h, 6 km/h (B) 10 km/h, 5 km/h  
(C) 10 km/h, 6 km/h (D) 12 km/h, 5 km/h

31. In June-2020, the ratio of boys to girls in a college was 3 : 2. In September-2020, there were 80 fewer boys and 20 fewer girls in the college and the ratio of boys to girls was 7 : 5. What was the total number of students in the college in June-2020?
- (A) 1000 (B) 1100  
(C) 1200 (D) 1300
32. A milkman adds 10 litres of water to 90 litres of milk. After selling of the total quantity, he adds water equal to the quantity he sold. The proportion of water to milk he sells now would be:
- (A) 72 : 28 (B) 28 : 72  
(C) 20 : 80 (D) 30 : 70
33. In a  $\Delta ABC$ , D, E and F are the mid-points of the sides AB, BC and CA respectively. Then the ratio of the area of a  $\Delta DEF$  and the area of a  $\Delta ABC$  is :
- (A) 1 : 4 (B) 1 : 2  
(C) 2 : 3 (D) 4 : 5
34. Mohan bought a trouser at 10% discount and sold it to Sohan at a loss of 10%. If Sohan paid Rs. 729 for the trouser to Mohan, then what was the undiscounted price of the trouser?
- (A) Rs. 900/- (B) Rs. 800/-  
(C) Rs. 1000/- (D) Rs. 911.25/-
35. Two sisters Neha and Monica walk to school from the house. Neha takes 40 minutes while Monica takes 30 minutes. One day Neha started 5 minutes earlier than Monica. In how many minutes would Monica overtake Neha?
- (A) 5 (B) 15  
(C) 20 (D) 25

36. If  $A : B = C : D$ , then the value of  $\frac{A^2 + B^2}{C^2 + D^2}$  is

(A)  $\frac{1}{2}$

(B)  $\frac{A + B}{C + D}$

(C)  $\frac{A - B}{C - D}$

(D)  $\frac{A \times B}{C \times D}$

37. Arrange the following rational numbers in ascending order:

A.  $\frac{-4}{5}$

B.  $\frac{-5}{12}$

C.  $\frac{-7}{18}$

D.  $\frac{-2}{3}$

(A) A, B, D, C

(B) C, D, B, A

(C) A, D, B, C

(D) D, C, B, A

38. The number of ways in which four letters of the word MATHEMATICS can be arranged is

(A) 136

(B) 2454

(C) 1680

(D) 192

39. A hemispherical bowl is filled to the brim with a beverage. The contents of the bowl are transferred into a cylindrical vessel whose radius is 50% more than its height. If the diameter is same for both the bowl and the cylinder, the volume of the beverage in the cylindrical vessel is

(A)  $66 \left(\frac{2}{3}\right)\%$

(B)  $78 \left(\frac{1}{2}\right)\%$

(C) 100%

(D) more than 100%

40. A right circular cone and a right circular cylinder have equal base and equal height. If the radius of the base and the height are in the ratio 5 : 12, then the ratio of the total surface area of the cylinder to that of the cone is
- (A) 3 : 1 (B) 13 : 9  
(C) 17 : 9 (D) 34 : 9
41. Tom reads at an average rate of 30 pages per hour, while Jan reads at an average rate of 40 pages per hour. If Tom start reading a novel at 4 : 30 and Jan begins reading an identical copy of the same book at 5 : 20, at what time will they be reading the same page
- (A) 9 : 30 (B) 9 : 00  
(C) 8 : 40 (D) 7 : 50
42. A contract is to be completed in 46 days and 117 men were set to work, each working 8 hours a day. After 33 days,  $\frac{4}{7}$  of the work is completed. How many additional men may be employed so that the work may be completed in time, each man now working 9 hours a day?
- (A) 80 (B) 81  
(C) 82 (D) 83
43. A man rows to a place 48 km distant and back in 14 hours. He finds that he can row 4 km with the stream in the same time as 3 km against the stream. the rate of the stream is
- (A) 1 km/hr (B) 1.5 km/hr  
(C) 1.8 km/hr (D) 3.5 km/hr
44. If  $\log 2 = 0.30103$ , find the number of digits in  $2^{56}$ .
- (A) 13 (B) 15  
(C) 17 (D) 19
45. How many multiples of 3 are there among the integers 15 to 105 inclusive?
- (A) 30 (B) 31  
(C) 32 (D) 33

46. The traffic lights at three different road crossings change after every 48 sec., 72 sec. and 108 sec., respectively. If they all change simultaneously at 8 : 20 : 00 hours, then at what time will they again change simultaneously?
- (A) 8 : 20 : 08 hrs (B) 8 : 24 : 10 hrs  
(C) 8 : 27 : 12 hrs (D) 8 : 30 : 15 hrs
47. A hollow sphere of internal and external diameters 4 cm and 8 cm respectively is melted into a cone of base diameter 8 cm. The height of the cone is
- (A) 12 (B) 14  
(C) 15 (D) 18
48. A train 108 m long moving at a speed of 50 km/hr crosses a train 112 m long coming from the opposite direction in 6 seconds. The speed of the second train is
- (A) 48 km/hr (B) 54 km/hr  
(C) 66 km/hr (D) 82 km/hr
49. Rajan got married 8 years ago. His present age is  $\frac{6}{5}$  times his age at the time of his marriage. Rajan's sister was 10 years younger to him at the time of his marriage. The age of Rajan's sister is
- (A) 32 years (B) 36 years  
(C) 38 years (D) 40 years
50. A and B are two alloys of gold and copper prepared by mixing metals in the ratio 7 : 2 and 7 : 11 respectively. If equal quantities of the alloys are melted to form a third alloy C, the ratio of gold and copper in C will be
- (A) 5 : 7 (B) 5 : 9  
(C) 7 : 5 (D) 9 : 5

**PART-B**

**(Logical & Analytical Ability)**

51. Identify odd group of letters:

CE, IK, SV, FH, UW

(A) SV

(B) IK

(C) UW

(D) FH

52. Select the pair which has same type of relationship like Barometer : Pressure

(A) Force : KG

(B) Richter Scale : Heat

(C) Weighing Scale : Meter

(D) Thermometer : Temperature

53. The question consists of a statement, followed by two arguments numbered I and II. You have to decide which of the argument is a 'strong' argument and which is a 'weak' argument.

Statement

Arguments I : Women should be allowed to go out alone.

Arguments II : Yes. It would make them independent and safe.

Arguments III : No. They are under the protection of their male affines and they should be with them always

A. Only argument I is strong

B. Only argument II is strong

C. Both arguments I and II are strong

D. Both arguments I and II are weak

Choose the most appropriate answer from the options given below :

(A) A

(B) B

(C) C

(D) D

54. A statement below is followed by two conclusions I and II. Assuming that everything in the statement is correct, consider the two conclusions together and decide which of them follows beyond reasonable doubt, from the information given in the statement.

Statement : In a one day match, total runs made by a team were 200. Out of which 160 runs were made by the spinners.

Conclusions I : 80% of the team consists of spinners

Conclusions II : The opening batsmen were spinners

- (A) Only I follows (B) Only II follows  
(C) Both I and II follow (D) Neither I nor II follows

55. Find the odd one among the following :

- (A) 143 (B) 168  
(C) 225 (D) 195

56. Two statements are given below, there may be cause and effect relationship between the two statements. These may be the result of same cause or independent cause. Read both the statements and mark the answer :

Statement I : There is an increase in the water level of all the water tanks supplying drinking water to the city in the last fortnight.

Statement II : Most of the trains were cancelled due to waterlogging on the tracks.

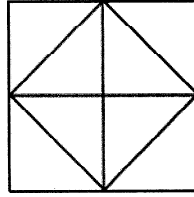
- (A) Statement I is the cause and Statement II is the effect  
(B) The Statement II is the cause and Statement I is the effect  
(C) Both the Statement I and Statement II are effects of independent causes  
(D) Both the Statement I and Statement II are effects of the same common cause

57. If 23rd April, 1995 is a Tuesday, then what will be the day on 23rd April, 1988?

- (A) Monday (B) Friday  
(C) Saturday (D) Sunday

58. In a certain code language, if the word BEAUTIFUL is coded as BFLTAEIUU, then how is the word TECHNICAL coded in that language?
- (A) CTNLHAEI (B) CCAEIHLNT  
(C) CAEICHLNT (D) CCHLNTAEI
59. In a certain code, 'CAB' is written as 75, How will 'RULE' be written as?
- (A) 85 (B) 64  
(C) 45 (D) 52
60. If MOUSE is written as FTVPN, then RACKET is written as
- (A) UELBCS (B) GSWRM  
(C) UFLDBS (D) HFMDBS
61. Complete the series 564, 152, 48, 21, ....?.... from the following options :
- (A) 132 (B) 24.2  
(C) 15.25 (D) 13.25
62. In an extended family, A is married to B and B has two sons C and D. The younger son D is married to E. F has two children E and G. How is G related to D?
- (A) Brother (B) Brother in law  
(C) Cousin (D) Son
63. Few men were sitting in a row facing north in a row.  
Sunil is 16th to the left of Ram, who is 18th from the right. Jack is 11th from left and is also 4th to the right of Sunil. How many men were sitting in a row.
- (A) 36 (B) 38  
(C) 42 (D) 40

64. Count the member of triangles in the following figure.



- (A) 8 (B) 12  
(C) 9 (D) 14

65. A girl leaves her home and walks 30 mt towards north. She turns clockwise by and walks 30 meter.

Then she turns anti-clockwise by and walks 30 meter, Then she turns by towards her left and walks 60 meter. There she turns towards her home. In which direction is she walking?

- (A) South (B) South and East  
(C) North and East (D) North and West

66. Find the ?? term in the series

CAT, EER GIP, ??, KUL

- (A) JOM (B) ION  
(C) LNM (D) KLP

67. Some students were sitting in a row. Sheela was sitting 12th from right and Veena was sitting 3rd from left.

There were 15 students in between Sheela and Veena. How many students were sitting.

- (A) 30 (B) 29  
(C) 31 (D) 28

68. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R

Assertion A: Celebrity endorsements add to the brand value and sale of the products.

Reason R: Most celebrity are rich enough to afford the best technology and products in any given category.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (A) Both A and R are correct and R is the correct explanation of A.
  - (B) Both A and R are correct and R is NOT the correct explanation of A.
  - (C) A is correct but R is incorrect
  - (D) A is incorrect but R is correct.
69. The following question consists of a statement and argument I and II. Choose the best option.

Statement: Should smoking be prohibited.

Argument I: Yes, it is wrong to smoke away millions of money.

Argument II: No, it will throw thousands of workers in tobacco industry out of employment.

- (A) Only argument I is strong
  - (B) Only argument II is strong
  - (C) Neither argument I nor argument II is strong
  - (D) Both arguments I and II are strong.
70. If 'All sweet things are fluids' and 'Some fluids are coloured things', then it implies -

- A. Some sweet things are coloured things
- B. Some sweet things are fluids
- C. All fluids are sweet things
- D. Some fluids are sweet things

Choose the most appropriate answer from the options given below:

- (A) A, B and C only
- (B) A, and C only
- (C) B, C and D only
- (D) A, C and D only

**PART-C**  
**(General English)**

71. Pick the appropriate meaning of the term 'proscribe' used in the following sentence :-

'Arms culture should be proscribed by the government.'

- (A) allowed (B) prescribed  
(C) prohibited (D) defended

72. Choose the word that is closest in meaning to the following statement :-

A medicine to counteract poison

- (A) Antidote (B) Aquatic  
(C) Agnostic (D) Anthropology

73. Pick the correct sentence :-

- (A) I have passed the examination last year.  
(B) I pass the examination last year.  
(C) I am passing the examination last year.  
(D) I passed the examination last year.

74. Choose the correct meaning of the following idiom :-

Catch Twenty Two

- (A) A situation in which it's impossible to succeed because of conflicting rules or conditions.  
(B) When you have a large and difficult task to do in the future.  
(C) When one problem causes another problem, which then causes the first problem again.  
(D) When you are at the limit of your mental resources, desperate and without additional options.

75. Match List-I with List-II :

<b>List I</b> <b>(Foreign Phrases commonly used in English)</b>	<b>List II</b> <b>(Meaning)</b>
A. Carp Diem	I. Accepted as such until proven
B. Faux Pas	II. An embarrassing blunder
C. Magnum opus	III. The most important work of
D. Prima facie	IV. Seize the day

Choose the correct option from those given below :

(A) A-I; B-II; C-III; D-IV                      (B) A-III; B-II; C-IV; D-I  
(C) A-IV; B-II; C-III; D-I                      (D) A-II; B-IV; C-I; D-III

76. Replace the phrase in italics in the given sentence from the options given below to make a grammatically correct sentence :-

I don't think you need to explain the situation, your conduct is speaking itself.

- (A) will speak to itself                      (B) speak for itself  
(C) has been speaking                      (D) speaks about itself

77. Find out which part of the sentence has an error, if there is no error, mark option D.

- (A) the primary objective of the essay is to draw  
(B) analogies between the two work  
(C) addressing the common memories and trauma of dislocation  
(D) no error

78. Find out which part of the following sentence has an error :-

The earth moves round the sun, Isn't it?"

- (A) The earth moves                      (B) Round the sun  
(C) Isn't it?                      (D) No error

79. Choose the correct option of Active Voice sentence for the given sentence of Passive Voice :-

The child was looked after by the maid.

- (A) The maid looked after the child.  
(B) The maid was looked after by the child.  
(C) The maid was looking after the child.  
(D) The maid will look after the child.

80. Choose the correct one word substitute for the following phrase :-  
Lasting for a very short time  
(A) Vulnerable (B) Ambivalent  
(C) Ephemeral (D) Flamboyant
81. Identify the correct passive voice form of the following sentence :-  
My mother cooks Italian food every Sunday.  
(A) Every Sunday Italian food cooked by my mother.  
(B) Italian food is cooked by my mother every Sunday.  
(C) Italian food is being cooked by her every Sunday.  
(D) Italian food was cooked by my mother every Sunday.
82. Pick the appropriate category for the following sentence:  
"A horse! a horse! My kingdom for a horse!"  
(A) Simple (B) Assertive  
(C) Affirmative (D) Exclamatory
83. Pick the most appropriate auxiliary verb to fill in the blank:  
CCTV \_\_\_\_\_ been used for many years for the surveillance of public areas associated with obvious risk.  
(A) is (B) are  
(C) has (D) have
84. Identify the appropriate direct speech form of the following sentence:  
He greeted me and asked where I was going.  
1. He asks, "Hello, where are you going?"  
2. He asked, "Hello, where you are going?"  
3. He said, "Hello, where you are going.."  
4. He said, "Hello! Where are you going?"  
(A) 1 (B) 2  
(C) 3 (D) 4
85. Choose the appropriate question to follow for the statement given below:  
"Yes, it does."  
(A) Does it rain in winter? (B) Is it raining in winter?  
(C) Did it rain in winter? (D) What happens in winter?

86. Choose the most appropriate option to correct the given sentence:

Radha is as cleverer as Sudha.

- (A) Radha is as clever as Sudha is cleverer.
- (B) Radha is as clever as Sudha.
- (C) Radha and Sudha are both cleverer.
- (D) Sudha is much more cleverer than Radha.

**Instructions [87–89] Read the following passage and answer the questions that follow :**

"Gandhi's greatest challenge was post-truth. The Indian social universe was overflowing with ways of living established by the powerful that inevitably oppressed the powerless. In order to tackle this inequality, Gandhi changed the understanding of truth that the powerful had inherited and internalized. He dislodged truth from its long-held, theological location of an ultimate divine compassion. Only goodness mattered. If that quality could be inculcated, truth would take care of itself."

87. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Gandhi, in his experiment with truth, dislodged truth as all ultimate divine revelation.

Reason R: He holds that truth can be substituted with goodness, and people can manage, without truth.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (A) Both A and R are correct and R is the correct explanation of A
- (B) Both A and R are, correct but R is NOT the correct explanation of A
- (C) A is correct but R is not correct.
- (D) A is not correct but R is correct.

88. Which of the following notions is compatible with Gandhi's idea of Truth?

- A. Truth is inherited and internalized
- B. Truth is ultimate divine revelation
- C. Truth is a byproduct of honesty, humanism and compassion
- D. Truth directly corresponds with goodness

Choose the correct answer from the options given below:

- (A) A, B only
- (B) A, C only
- (C) B, C only
- (D) C, D only

89. In the given passage, the term "inevitably" connotes \_\_\_\_\_.
- (A) Uncertainty (B) Impossibility  
(C) Certainty (D) Possibility

90. Match List I with List II.

List I (Phrasal Verbs)	List II (Meaning)
A. Run across	I. To lose power or stop working
B. Run down	II. To meet or find by chance
C. Run into	III. To continue without stopping
D. Run on	IV. To meet by chance

Choose the most appropriate answer from the options given below:

- (A) A-I B-II, C-III, D-IV  
(B) A-II, B-I, C-IV, D-III  
(C) A-III, B-IV C-I, D-II  
(D) A-IV, B-II, C-III, D-I

## ROUGH WORK

## ROUGH WORK