

1818402



Test Booklet Code



# ENGLISH

APR-9-25

This Test Booklet contains 32 pages.

Do not open this Test Booklet until you are asked to do so.

Read carefully the instructions given in this Test Booklet.

Name of the Candidate (in CAPITALS): \_\_\_\_\_

Roll Number : in figures \_\_\_\_\_

: in words \_\_\_\_\_

Centre of Examination (in CAPITALS): \_\_\_\_\_

Candidate's Signature : \_\_\_\_\_ Invigilator's Signature : \_\_\_\_\_

Facsimile signature stamp of

Centre Superintendent : \_\_\_\_\_

## INSTRUCTIONS

1. This Test Booklet contains **FIVE** sections. Section "A" **Mathematics** contains 50 questions of 4 marks each. Section "B" **Intelligence**, Section "C" **English**, Section "D" **General Science** and Section "E" **Social Science** contain 25 questions each, of 2 marks per question. In all, the Test Booklet consists of 150 questions for a total of 400 marks. Answer all questions.
2. Duration of the test is 3 hours (180 minutes).
3. The Test Booklet is in English only, for all the candidates.
4. The Test Booklet is of 32 pages. Please check and ensure that the Test Booklet is complete and contains all the pages.
5. Answer all questions in the OMR Answer Sheet only.
6. The OMR Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the OMR Answer Sheet and fill in the particulars carefully with Blue/Black ball point pen only.
7. Darken only one circle as your answer for each question. If you darken more than one circle for the same question, your answer will be treated as wrong.
8. There is no negative marking for a wrong answer.
9. Do not make unnecessary marks on the OMR Answer Sheet or fold or attempt to deface it. If you do so, your OMR Answer Sheet will not be evaluated.
10. Use Blue/Black ball point pen only for writing particulars on this page and for writing answers. Do not use pencil.
11. Rough work is to be done in the space provided for this purpose in the Test Booklet only and not on the OMR Answer Sheet.
12. On completion of the test, hand over the OMR Answer Sheet to the Invigilator before leaving the Room/Hall.
13. You are allowed to take away this Test Booklet with you.
14. The CODE for this Test Booklet is **H**. Make sure that the CODE printed on the OMR Answer Sheet is the same as that on this Test Booklet. In case of discrepancy, report the matter immediately to the Invigilator for replacement of both the Test Booklet and the OMR Answer Sheet.
15. Do not write your Roll No. anywhere else except in the specified space in the Test Booklet / OMR Answer Sheet.
16. Do not use white fluid for carrying out any correction on the OMR Answer Sheet.

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(1)





**Instructions :** Each question has four options. There is only one correct answer to each question. Choose the **Correct/Most Appropriate** option and darken/blacken the corresponding circle on the OMR Answer Sheet.

### SECTION-'A': MATHEMATICS

001. Read the following statements carefully and choose the correct option :

**Statement I :** Number of the form  $3N+2$  will leave remainder 2 when divided by 3.

**Statement II :** If N upon dividing by 5 leaves remainder 3 and N upon dividing by 2 leaves remainder 0, then N upon dividing by 10 leaves remainder 4.

- (1) Both statements I and II are false
- (2) Statement I is false and statement II is true
- (3) Statement I is true and statement II is false
- (4) Both statements I and II are true

002. Read the following statements carefully and choose the correct option :

**Statement I :** Triangle is a polygon whose sum of exterior angles is double the sum of its interior angles.

**Statement II :** If the sum of interior angles of a polygon is double the sum of its exterior angles, then it is a hexagon.

**Statement III :** If the interior angles of a triangle are in the ratio 1 : 2 : 3, then the ratio of its exterior angles is 3 : 2 : 1.

- (1) All statements I, II and III are false
- (2) Only statement III is true
- (3) Only statement III is false
- (4) All statements I, II and III are true

003. 7 men can do a piece of work in 16 days. The number of men required to do double the work in 8 days is :

- (1) 32
- (2) 14
- (3) 24
- (4) 28

004. A jar contains 6 red, 5 green, 4 blue and 5 yellow marbles of the same size. What is the probability that a red colour marble is chosen at random?

- |                    |                   |
|--------------------|-------------------|
| (1) $\frac{7}{10}$ | (2) $\frac{3}{5}$ |
| (3) $\frac{3}{10}$ | (4) $\frac{2}{5}$ |

005. A bag contains 16 cards bearing numbers from 1 to 16. One card is chosen at random. The probability that the chosen card bears a prime number is :

- |                    |                    |
|--------------------|--------------------|
| (1) $\frac{3}{8}$  | (2) $\frac{5}{8}$  |
| (3) $\frac{7}{16}$ | (4) $\frac{5}{16}$ |

006. Beena bought 160 kg apples at ₹ 50 per kg. She sold 70% of the apples at ₹ 70 per kg and the remaining at ₹ 35 per kg. Beena's gain percent on the whole is :

- (1) 16%
- (2) 21%
- (3) 19%
- (4) 30%

007. If  $a:b:c = \frac{1}{3}:\frac{1}{6}:\frac{1}{9}$ , then the value of

$$\frac{a^2 + b^2}{b^2 - c^2}, \text{ is :}$$

- (1) 9
- (2) 12
- (3) 6
- (4) 3

008. The marked price of an article is ₹ 1500. A shopkeeper gives a discount of 5% and still makes a profit of 25%. The cost price of the article is :

- (1) ₹ 1240
- (2) ₹ 1180
- (3) ₹ 1260
- (4) ₹ 1140

009. In a camp with 200 persons, there is enough food for 42 days. How long the food will last if 40 more persons join the camp on the first day?

- (1) 36 days
- (2) 40 days
- (3) 35 days
- (4) 32 days

010. Study the following tables carefully and choose the correct option :

Table A					
x	3	6	15	20	30
y	12	24	45	60	120

Table B					
x	4	7	10	16	6
y	24	42	60	96	36

- (1) In both tables A and B, x and y are not in direct proportion
- (2) In table A, x and y are in direct proportion and in table B, x and y are not in direct proportion
- (3) In table A, x and y are not in direct proportion and in table B, x and y are not in direct proportion
- (4) In both tables A and B, x and y are in direct proportion

011. Which of the following vary inversely?

- (1) Distance travelled and time taken
- (2) Speed and distance covered
- (3) Speed and time taken
- (4) Distance covered and taxi fare

012. Five bells begin to toll together and toll again at intervals of 6, 5, 7, 10 and 12 seconds respectively. How many times will they toll together in one hour excluding the one at the start?

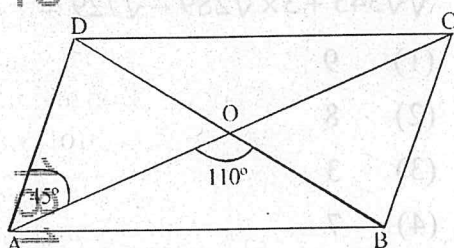
- (1) 9 times
- (2) 8 times
- (3) 7 times
- (4) 11 times



013. The lateral surface area of a cube is  $256 \text{ m}^2$ . The volume of the cube (in  $\text{m}^3$ ) is

- (1) 512
- (2) 64
- (3) 256
- (4) 216

014. In the figure, diagonals AC and BD of a parallelogram ABCD intersect each other at point O, such that  $\angle DAC = 45^\circ$  and  $\angle AOB = 110^\circ$ . The measure of  $\angle DBC$  is :



- (1)  $65^\circ$
- (2)  $45^\circ$
- (3)  $55^\circ$
- (4)  $50^\circ$

015. If the length of a rectangle is

$$\left(\frac{2}{3}a^2 + \frac{2}{9}\right) \text{ m} \text{ and its breadth is}$$

$$\left(a + \frac{1}{6}\right) \text{ m, then the area of the rectangle (in } \text{m}^2 \text{) is :}$$

- (1)  $\frac{2}{3}a^4 + \frac{2}{9}a^2 + \frac{1}{27}$
- (2)  $\frac{2}{3}a^4 + \frac{1}{3}a^2 + \frac{2}{27}$

$$(3) \frac{2}{3}a^4 + \frac{1}{18}a^2 + \frac{1}{27}$$

$$(4) \frac{2}{3}a^4 + \frac{1}{3}a^2 + \frac{1}{27}$$

016. A wall of length  $(5x+2)$  unit and height  $6x$  unit has a square window of side  $2x$  unit and a door of width  $2x$  unit and height  $3x$  unit. Which of the following algebraic expressions gives the area of the wall to be painted?

- (1)  $4x(5x+3)$
- (2)  $4x(5x+2)$
- (3)  $5x(2x+3)$
- (4)  $20x^2+3$

017. If the height of a triangle is  $(4x^2+6)$  unit and the base of that triangle is  $(3x^2-4)$  unit, then the area of the triangle in sq. unit is :

- (1)  $6x^2+x-12$
- (2)  $2(6x^4+x^2-6)$
- (3)  $6x^4+x^2-12$
- (4)  $12x^4-2x^2-6$

018. What should be added to  $4c(-a-2b+c)$  to obtain  $3c(a-b+c) - 2c(a+b-c)$ ?

- (1)  $-3ac - 3bc - c^2$
- (2)  $5ac - 3bc + 9c^2$
- (3)  $5ac + 3bc + c^2$
- (4)  $-3ac - 13bc + 9c^2$

019. The average height of 30 boys was calculated to be 150 cm. It was found later that for one boy 165 cm was wrongly copied as 135 cm during computation of the average. The correct average is :

- (1) 152 cm
- (2) 149 cm
- (3) 151 cm
- (4) 153 cm

020. A polyhedron has 40 faces and 60 edges. The number of vertices of the polyhedron is :

- (1) 24
- (2) 18
- (3) 20
- (4) 22

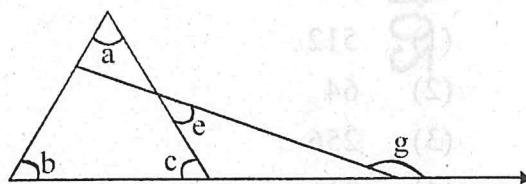
021. The population of a city was 66,150 in 2005. If the population increased at the rate of 5% per annum, then the population in 2003 was :

- (1) 63,400
- (2) 61,250
- (3) 60,000
- (4) 62,150

022. A sum of money invested at  $8\frac{1}{3}\%$  per annum simple interest, amounted to ₹2475 in 1 year 9 months. What will it amount to in 2 years at 5% per annum?

- (1) ₹ 2476
- (2) ₹ 2260
- (3) ₹ 2160
- (4) ₹ 2376

023. For the given figure, which of the following is true?



- (1)  $c = 180^\circ - e + g$
- (2)  $c = 180^\circ - e - g$
- (3)  $c = e + g$
- (4)  $c = e + (180^\circ - g)$

024.  $\sqrt[3]{343} + 3 \times \sqrt{289} - \sqrt[3]{729} =$

- (1) 9
- (2) 8
- (3) 3
- (4) 7

025. The least square number which is exactly divisible by 3, 4, 5, 6 and 8 is :

- (1) 3600
- (2) 5184
- (3) 1444
- (4) 1600

026. The difference of two numbers is 988. If the cube root of the smaller of the two numbers is 7, then the cube root of the larger number is :

- (1) 25
- (2) 12
- (3) 13
- (4) 11



027. Find the area of a closed figure ABCO, where A(0, 3), B(4, 3), C(4, 0) and O is the origin :

- (1)  $24 \text{ unit}^2$
- (2)  $18 \text{ unit}^2$
- (3)  $12 \text{ unit}^2$
- (4)  $6 \text{ unit}^2$

028. Four times the area of the curved surface of a cylinder is equal to 6 times the sum of the areas of its bases. If its height is 12 cm then its curved surface area correct to two decimal places is :

$$\left( \text{use } \pi = \frac{22}{7} \right)$$

- (1)  $905.14 \text{ cm}^2$
- (2)  $301.71 \text{ cm}^2$
- (3)  $603.43 \text{ cm}^2$
- (4)  $452.57 \text{ cm}^2$

029. The cost of tiling 24 m wide rectangular plot is ₹ 39000. If the rate of tiling is ₹ 25 per sq. m, then the length of the plot is :

- (1) 65 m
- (2) 49 m
- (3) 63 m
- (4) 60 m

030. A square of side 60 m and rectangle of length 80 m have the same perimeter. The difference in their areas is :

- (1)  $500 \text{ m}^2$
- (2)  $200 \text{ m}^2$
- (3)  $600 \text{ m}^2$
- (4)  $400 \text{ m}^2$

031. By what number should  $(-8)^{-3}$  be multiplied so that the product is equal to  $(-6)^{-3}$ ?

- (1)  $\frac{4^3}{3^3}$
- (2)  $\frac{3^2}{2^4}$
- (3)  $\frac{2^4}{3^2}$
- (4)  $\frac{3^3}{4^3}$

032. In the following three-digit numbers, values of A and B are :

$$\begin{array}{r} \text{B A A} \\ + \text{B A A} \\ \hline 3 \text{ A } 8 \end{array}$$

- (1)  $A = 9, B = 1$
- (2)  $A = 9, B = 2$
- (3)  $A = 3, B = 2$
- (4)  $A = 4, B = 1$

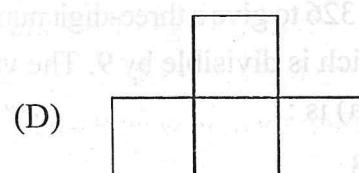
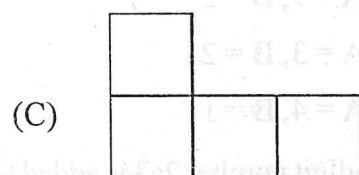
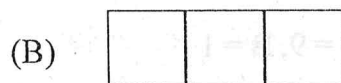
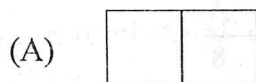
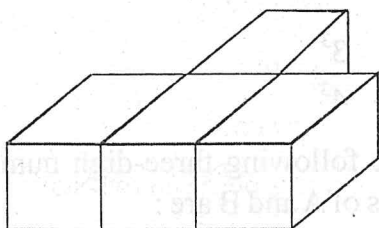
033. A three-digit number  $2a3$  is added to the number  $326$  to give a three-digit number  $5b9$  which is divisible by 9. The value of  $(b - a)$  is :

- (1) 3
- (2) 4
- (3) 2
- (4) 1

034. If surface area and volume of a cube are numerically equal, then the side of the cube is :

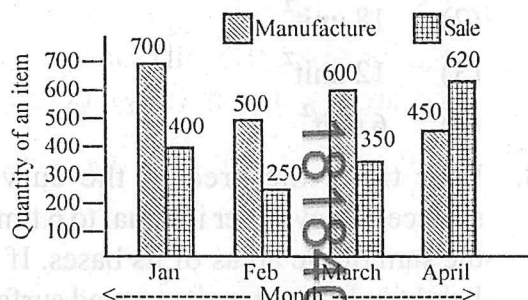
- (1) 8 unit
- (2) 4 unit
- (3) 5 unit
- (4) 6 unit

035. Which one of the following options is a top view of the below given figure?



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

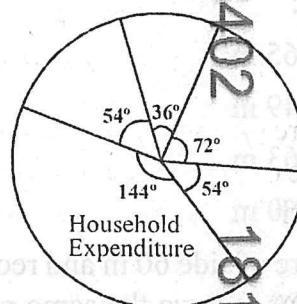
036. Following Bar-graph represents the manufacture and sale of an item by a firm in 4 months :



Total sale during the given months is what percent of the total manufacture during the month :

- (1) 75%
- (2) 70%
- (3) 72%
- (4) 74%

037. Suresh earns ₹ 72000 per month. Distribution of his monthly earning is presented in the following pie-chart :



How much money he spends on household expenditures every month?

- (1) ₹ 28500
- (2) ₹ 32000
- (3) ₹ 30800
- (4) ₹ 28800



038. Read the following statements carefully and choose the correct option :

**Statement I :** For all rational numbers  $x$  and  $y$ ,  $x - y = y - x$ .

**Statement II :** For all rational numbers  $x$ ,  $y$  and  $z$ ,  $x + (y \times z) = (x + y) \times (x + z)$ .

- (1) Both statements I and II are false
- (2) Statement I is true and Statement II is false
- (3) Statement I is false and Statement II is true
- (4) Both statements I and II are true

039. A can dig a trench in 12 days, B can dig it in 16 days and C can dig it in 18 days. If they dig the trench, working together and get a sum of ₹ 5800 for it, then share of A in the sum is :

- (1) ₹ 2800
- (2) ₹ 2000
- (3) ₹ 1600
- (4) ₹ 2400

040. A wire of length 88cm was bent into the shape of a circle and then into a square. Which figure encloses more area and

by how much?  $\left( Use \pi = \frac{22}{7} \right)$

- (1) Circle by  $264 \text{ cm}^2$
- (2) Square by  $640 \text{ cm}^2$
- (3) Square by  $320 \text{ cm}^2$
- (4) Circle by  $132 \text{ cm}^2$

041. There is a circular garden and a path runs outside it along its boundary. A man walks around it only once keeping close to the edge. His each step is 66 cm long and he takes exactly 400 steps to go around the garden. The diameter of the

garden is :  $\left( Use \pi = \frac{22}{7} \right)$

- (1) 84 m
- (2) 840 cm
- (3) 42 m
- (4) 420 cm

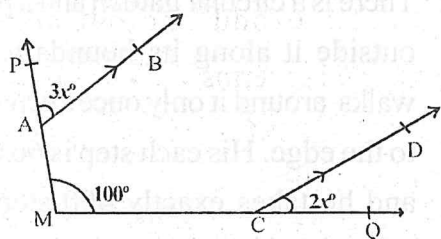
042. A train runs between two stations A and B. While running from A to B, its average speed is 60 km/hr and when running from B to A, its average speed is 90 km/hr. The average speed of the train during the two way journey is :

- (1) 60 km/hr
- (2) 72 km/hr
- (3) 75 km/hr
- (4) 78 km/hr

043. The weights (in kg) of 8 children are 13.4, 10.6, 12.7, 17.2, 14.3, 15, 16.5, 9.8. Their median weight (in kg) is :

- (1) 15.5
- (2) 13.5
- (3) 15.75
- (4) 13.85

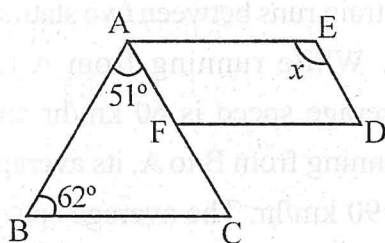
044.



In the above figure,  $AB \parallel CD$ . The value of  $x$  is :

- (1) 40
- (2) 30
- (3) 20
- (4) 10

045. In the given figure,  $FD \parallel BC \parallel AE$  and  $AC \parallel ED$



The value of  $x$  is :

- (1)  $113^\circ$
- (2)  $129^\circ$
- (3)  $67^\circ$
- (4)  $62^\circ$

046. Rahul walks 12 m towards North from his house and turns West to walk 35 m to reach the market. While returning, he walks diagonally from market to reach back to his house. The distance he travelled while returning is :

- (1) 43 m
- (2) 39 m
- (3) 37 m
- (4) 47 m

047. The sum of ₹ 300 is divided between A and B such that twice of A's share is less than 3 times B's share by ₹ 300. B's share is :

- (1) ₹ 150
- (2) ₹ 160
- (3) ₹ 180
- (4) ₹ 120

048. The perimeter of a rectangle is 240 cm. If its length is increased by 10% and its breadth is decreased by 20%, the perimeter remains the same. The length and breadth of the original rectangle respectively are :

- (1) 100 cm, 20 cm
- (2) 75 cm, 45 cm
- (3) 80 cm, 40 cm
- (4) 90 cm, 30 cm

049. A man bought a refrigerator for ₹ 15200 and spent ₹ 300 as labour charges and ₹ 500 on its transportation. At what price should he sell it to make a gain of 15%?

- (1) ₹ 18640
- (2) ₹ 18355
- (3) ₹ 16560
- (4) ₹ 18400

050. In a city, 40% of the adults are uneducated while 85% of the children are educated. If the ratio of the number of adults to that of the children is 2 : 3, then what percent of the population is educated?

- (1) 80%
- (2) 60%
- (3) 75%
- (4) 65%



**Instructions :** Each question has four options. There is only one correct answer to each question. Choose the **Correct/Most Appropriate** option and darken/blacken the corresponding circle on the OMR Answer Sheet.

### SECTION- 'B' : INTELLIGENCE

051. Arrange the following words as per order in the dictionary :

- (A) Conservation
- (B) Conscience
- (C) Consequence
- (D) Consume
- (E) Consciousness

Choose the correct option from the following :

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

052. Find the missing number-pair ( ? , ? ) in the given series :

(2, 3), (3, 5), (5, 7), (7, 11), (11, 13),

( ? , ? )

- (1) (17, 19)
- (2) (13, 15)
- (3) (13, 19)
- (4) (13, 17)

053. Find the odd one out among the following terms :

- (1) ROM
- (2) IFC
- (3) NKH
- (4) PMJ

054. Complete the following analogy :

3 : 30 :: 6 : ? :: 7 : 346

- (1) 219
- (2) 36
- (3) 39
- (4) 216

055. If the code for 'RIGHT' is 'SJHIU', then what is the code for 'FINDS'?

- (1) GJMEU
- (2) GJOET
- (3) GINET
- (4) GIOET

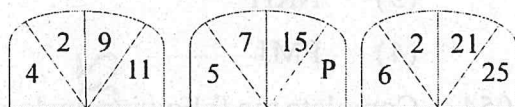
056. In the following arrangements of letters, how many 'G' are there which are followed by 'K' and preceded by N?

A K G L M N D N K G C S N G  
K T G K G N D Z P U N G K X

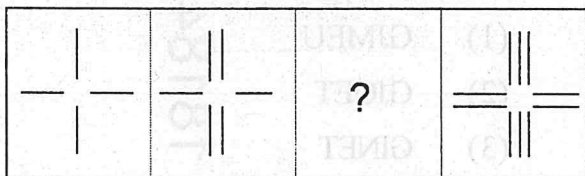
G :

- (1) 1
- (2) 4
- (3) 3
- (4) 2

057. A set of figures carrying certain numbers is given. The numbers in each set follow a similar pattern, based on that pattern find the value of 'P' :



- (1) 17  
(2) 12  
(3) 25  
(4) 13
058. Replace the question mark (?) in the following figural series :



- (1)
- (2)
- (3)
- (4)

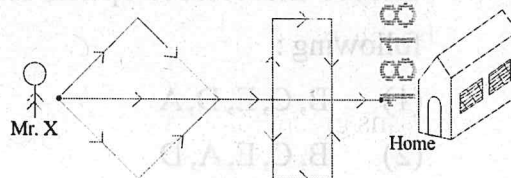
059. According to a certain code if,  
PEDESTRIAN = 30, ACCIDENT = 24,  
and DRIVER = 18, then TRAFFIC is  
equal to :

- (1) 21 (2) 7  
(3) 14 (4) 28

060. If the cost of 3 pencils and 1 sharpener is ₹ 25, the cost of 2 sharpeners and 2 erasers is ₹ 14 and the cost of 3 erasers is ₹ 9, then the cost of 1 pencil is :

- (1) ₹ 5 (2) ₹ 4  
(3) ₹ 7 (4) ₹ 3

061. How many ways can Mr. X reach his home?



- (1) 9 (2) 12  
(3) 6 (4) 8
062. Anita is older than Chetna. Babita is older than Chetna but younger than Anita. Erric is younger than Divya and Chetna. Chetna is older than Divya. Who is in the middle with respect to their ages?

- (1) Erric (2) Babita  
(3) Divya (4) Chetna



063. Choose the number-group which is different from others :

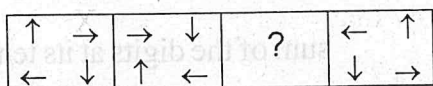
(1) [99, 25, 74]

(2) [26, 4, 22]

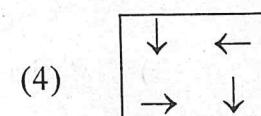
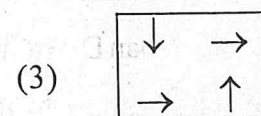
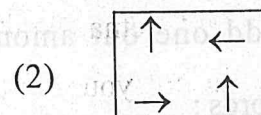
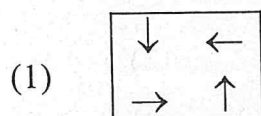
(3) [45, 9, 36]

(4) [64, 14, 54]

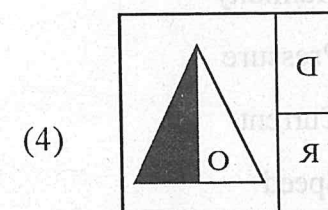
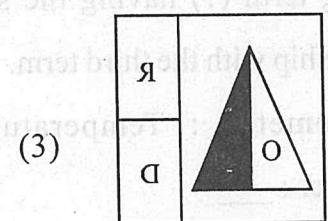
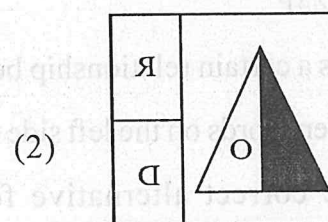
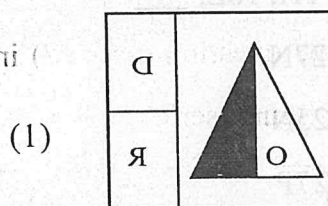
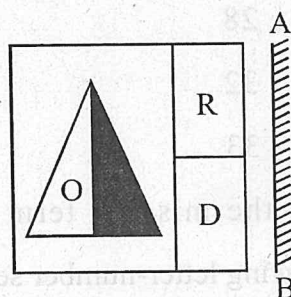
064. Replace the question mark (?) in the following figural series :



Choose the correct answer from the options given below :



065. Select the correct mirror image of the following figure, where the mirror is placed on the line AB as shown below :



066. Find the missing number (?) in the given series :

1, 2, 3, 5, 8, 13, 21,    ?

- (1) 34
- (2) 28
- (3) 32
- (4) 33

067. Find the missing term (?) in the following letter-number series :

3F, 6G, 11I, 18L,    ?

- (1) 27N
- (2) 25N
- (3) 27P
- (4) 25P

068. There is a certain relationship between two given words on the left side of (: :). Choose correct alternative for the missing term (?) having the similar relationship with the third term.

Thermometer : Temperature ::

Odometer :    ?

- (1) Humidity
- (2) Pressure
- (3) Current
- (4) Speed

069. Study the following information carefully and identify the appropriate 4-digit number :

- Its tens place digit is 5 less than the digit at ones place
- Its ones place digit is the largest 1-digit even number.
- Its hundreds place digit is the ones place digit of (758-354).
- Its thousands place digit is the sum of the digits at its tens place and hundreds place.

- (1) 7348
- (2) 9548
- (3) 8358
- (4) 7438

070. Find the odd one out among the following words :

- (1) Lake
- (2) Rain
- (3) River
- (4) Pond



071. Complete the following analogy :

DE : 9 :: FG : ?

- (1) 14
- (2) 11
- (3) 13
- (4) 15

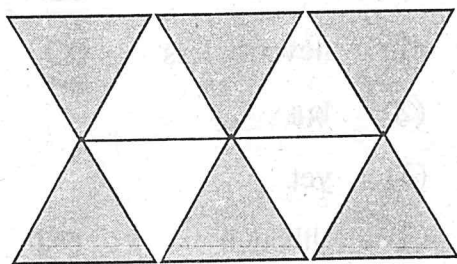
072. Arrange the following in a logical and meaningful order :

- (A) Doctor
- (B) Recovery
- (C) Illness
- (D) Consultation
- (E) Treatment

Choose the correct option from the following alternatives :

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

073. How many triangles are there in the given figure?



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(15)

(1) 14

(2) 15

(3) 10

(4) 12

074. Find the missing term in the following series.

cba, cbaa, cbbaa, \_\_\_\_, ccbbaaa, ccbbbaaa :

- (1) ccbbba
- (2) ccbaaa
- (3) cbbaaa
- (4) ccbbbaa

075. Dheekshitha is making the given calendar for the bulletin board. Which day of the week should be on 25th January 20xx?

January 20xx						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		2	3	4	5	6
7	8	9	10	11		

- (1) Thursday
- (2) Monday
- (3) Tuesday
- (4) Wednesday

[P.T.O.]

**Instructions :** Each question has four options. There is only one correct answer to each question. Choose the **Correct/Most Appropriate** option and darken/blacken the corresponding circle on the OMR Answer Sheet.

### SECTION-'C' : ENGLISH

076. Find the correctly spelt word :

- (1) Meagere
- (2) Renaissance
- (3) Reccomendation
- (4) Irrepereble

077. Change the gender in the sentence :

He is a father and a teacher.

- (1) She is a father and teacher.
- (2) She is a mother and a teacheress.
- (3) She is a mother and a teacher.
- (4) She is a father and a teacheress.

078. Change the sentence from passive voice to active voice :

By whom was this beautiful glass broken?

- (1) This beautiful glass has been broken by whom?
- (2) Who has broken this beautiful glass?

(3) Who had broken this beautiful glass?

(4) Who broke this beautiful glass?

079. Choose the appropriate word for the blank to complete the sentence :

Today is the \_\_\_\_\_ day of my life, nothing seems to go as planned.

- (1) worst
- (2) best
- (3) bad
- (4) worse

080. Choose the word **opposite in meaning** of 'permit' :

- (1) Prevent
- (2) Allow
- (3) License
- (4) Present

081. Choose the correct conjunction from the options given below to complete the sentence :

Though she worked hard, \_\_\_\_\_ she failed.

- (1) nevertheless
- (2) but
- (3) yet
- (4) although



082. Fill in the blanks with the correct article :

It was such \_\_\_\_\_ foolish decision to accept \_\_\_\_\_ impossible task.

- (1) the, a
- (2) an, the
- (3) a, a
- (4) a, an

083. Choose the word **similar in meaning** to the given word :

'Bleak'

- (1) Bemoan
- (2) Balmy
- (3) Ugly
- (4) Gloomy

084. Fill in the blank with appropriate adverb :

\_\_\_\_\_ we escaped unhurt.

- (1) Wisely
- (2) Fortunately
- (3) Certainly
- (4) Accidentally

085. Change the given sentence to Passive Voice :

Your behaviour annoyed me.

- (1) I was annoyed on your behaviour.
- (2) I were annoyed on your behaviour.

(3) Your behaviour was annoying me.

(4) I was annoyed at your behaviour.

086. Fill in the correct adverb from the following options to make a meaningful sentence :

We cannot play music \_\_\_\_\_ in this park.

- (1) aloudly
- (2) aloud
- (3) loudly
- (4) audibly

087. Change the given sentence to Indirect Narration :

Pawan said, "How beautiful the scene is!"

- (1) Pawan exclaimed that the scene is indeed beautiful.
- (2) Pawan exclaimed that how the scene was beautiful.
- (3) Pawan exclaimed how beautiful is the scene.
- (4) Pawan exclaimed that the scene was very beautiful.

088. Spot the error in the following sentence :

She asked / me that / what / had happened

(A) (B) (C) (D)

(1) (D)

(2) (A)

(3) (C)

(4) (B)

089. Change the given sentence to Direct narration by choosing the correct option :

He said that Mangal would be working hard.

(1) He said, "Mangal will be working hard."

(2) He said, "Mangal would work harder."

(3) He said, "Mangal will work hard."

(4) He said, "Mangal would be working hard."

090. Comparative degree of the adjective 'Most' is :

(1) Foremost

(2) More

(3) Much

(4) Many

091. Fill in the blanks with appropriate choice :

I wrote a line on the sand with a

\_\_\_\_\_ that she could not \_\_\_\_\_

before the waves washed it away.

(1) reed, read

(2) read, read

(3) reed, reed

(4) read, reed

092. Choose the correct idiom for the blank :

Mediocre artists like Sheena are found

\_\_\_\_\_.

(1) in rain or shine

(2) all and sundry

(3) at every shop

(4) a dime a dozen

093. Choose the appropriate question tag :

We are going to the movie tonight,

\_\_\_\_\_.

(1) is it?

(2) are we?

(3) aren't we?

(4) isn't it?



Read the passage given below and answer the questions that follow :

Mountain climbers are unanimous in agreeing that the unpredictable weather is what they fear the most. There may be sunshine one moment and a snowstorm the other. At higher altitudes, snow is a regular feature and being decisive about setting up camps or proceeding further is crucial. The icy sheets after ice storms make walking treacherous, while the powdery snow makes a mountaineer sink deep into the snow. Up there, where the intention is to embrace Nature's wonder, one realises that it cannot be done without facing its formidable glory. A true mountaineer may challenge the mountain, yet is always respectful to the powerful forces of nature.

Summiting mountains carries its own health risks such as oxygen and altitude sickness problems, frost bites, swelling of hands and feet, fluid collection in brain or lungs

and exhaustion. Yet, the gratification mountaineers feel from mastering something that is so frightening, urges them to undertake these endeavours. We may think that the mountaineers are fearless, experts say, "Not at all. It's fear that keeps them so intrigued with such arduous journeys." Impulse and brazenness can be deadly foes. In the words of the Indian mountaineer, Bachendri Pal, "The biggest risk .... is to not take the risk at all.

Remember that."

094. The reason given for calling the weather 'unpredictable' on the mountains, as given in the passage is :

- (1) High altitude resulting in less oxygen
- (2) Sunshine as well as snowstorm in short intervals
- (3) Icy sheets after ice storms
- (4) Forces of Nature

095. The reason a true mountaineer is respectful to the forces of nature up in the mountains is :

- (1) Survival
- (2) Directive
- (3) Challenge
- (4) Experience

096. Choose the **inappropriate** reason for the feeling of exhilaration on reaching a summit, that the mountain-climbers experience :

- (1) Opportunity to use sophisticated mountaineering equipment
- (2) Achievement of a seemingly impossible feat
- (3) Spectacular panoramic view
- (4) Application of the inculcated survival instinct

097. The word from the passage that can be used to fill in the blank :

His \_\_\_\_\_ opponent beat him in no time in the boxing ring.

- (1) formidable
- (2) unanimous
- (3) unpredictable
- (4) treacherous

098. The word from the passage that means same as :

Involving a lot of effort and energy, especially over a period of time.

- (1) Arduous
- (2) Treacherous
- (3) Exhaustion
- (4) Endeavour

099. Organize the parts to form a meaningful sentence :

- A. Than I expected
  - B. Our players
  - C. Was rather worse
  - D. The performance of
- (1) DBCA
  - (2) BCAD
  - (3) CBDA
  - (4) ABDC

100. Choose the word **opposite in meaning** to the given word :

Abandon

- (1) Chastise
- (2) Adopt
- (3) Continue
- (4) Solicit



**Instructions :** Each question has four options. There is only one correct answer to each question. Choose the **Correct/Most Appropriate** option and darken/blacken the corresponding circle on the OMR Answer Sheet.

#### SECTION 'D' : GENERAL SCIENCE

101. Match the following :

Member of Solar System	Example
A. Satellite	I. Cassiopeia
B. Constellation	II. Sirius
C. Comet	III. Moon
D. Star	IV. Halley

Choose the correct answer from the options given below :

- (1) A-I, B-III, C-IV, D-II
- (2) A-III, B-IV, C-I, D-II
- (3) A-IV, B-I, C-III, D-II
- (4) A-III, B-I, C-IV, D-II

102. The percentage of different gases in air is :

- (1) 10% nitrogen, 50% oxygen and other gases
- (2) 78% nitrogen, 21% oxygen and other gases
- (3) 20% nitrogen, 20% oxygen and other gases
- (4) 60% nitrogen and 40% oxygen

103. Which is NOT a naturally occurring greenhouse gas?

- (1) Ethane
- (2) Methane
- (3) Carbon dioxide
- (4) Nitrous oxide

104. Match the organisms in Column A with their action in Column B :

A	B
A. Bacteria	I. Fixing Nitrogen
B. Rhizobium	II. Malaria
C. Protozoa	III. AIDS
D. Virus	IV. Tuberculosis

Choose the correct answer from the options given below :

- (1) A-II, B-I, C-IV, D-III
- (2) A-IV, B-I, C-II, D-III
- (3) A-III, B-II, C-I, D-IV
- (4) A-I, B-II, C-III, D-IV

105. Microorganisms are classified into four major groups as :

- (1) Fungi, Bacteria, Pathogens, Rhizobium
- (2) Bacteria, Aspergillus, Amoeba, Spirogyra
- (3) Bacteria, Fungi, Protozoa, Algae
- (4) Virus, Paramecium, Antibodies, Antibiotics

106. Which of the following hormones helps the body to adjust to stress when one is very angry, embarrassed or worried?

- (1) Estrogen
- (2) Adrenalin
- (3) Thyroxine
- (4) Insulin

107. The method of preparing compost with the help of redworms is called :

- (1) Decomposing
- (2) Composting
- (3) Worming
- (4) Vermicomposting

108. The variety of organisms existing on the earth, their interrelationships and their relationship with the environment is called :

- (1) Biology
- (2) Biosphere
- (3) Biodiversity
- (4) Biosphere Reserve

109. Which of the following is the first Reserve forest of India?

- (1) Tawa Reservoir
- (2) Satpura National Park
- (3) Kaziranga
- (4) Jim Corbett National Park

110. Many young people get acne and pimples on the face during adolescence due to :

- (1) Increased activity of sweat glands and sebaceous glands
- (2) Increased activity of sebaceous glands
- (3) Increased activity of sweat glands
- (4) Increased activity of salivary glands



111. Tremors are caused by the disturbance in the \_\_\_\_\_ of earth.

- (1) inner core
- (2) mantle
- (3) outer core
- (4) crust

112. The amount of heat energy produced on complete combustion of 1 kg. of a fuel is called \_\_\_\_\_ value.

- (1) calorific
- (2) fuel
- (3) ideal fuel
- (4) energy

113. Match the substances given in Column A with their uses given in Column B :

**A** **B**

- |            |                    |
|------------|--------------------|
| A. Gold    | I. Thermometer     |
| B. Iron    | II. Electric wires |
| C. Mercury | III. Machinery     |
| D. Copper  | IV. Jewellery      |

Choose the correct answer from the options given below :

- (1) A-IV, B-III, C-II, D-I
- (2) A-IV, B-I, C-II, D-III
- (3) A-IV, B-III, C-I, D-II
- (4) A-IV, B-II, C-III, D-I

114. The force exerted by a magnet is an example of :

- (1) Force of gravity
- (2) Contact force
- (3) Non-contact force
- (4) Electrostatic force

115. Which of the following is NOT a Kharif crop?

- (1) Cotton
- (2) Paddy
- (3) Soyabean
- (4) Mustard

116. Which of the following may NOT be a cause of passing HIV virus from an infected person to a normal person?

- (1) Through the milk of an infected mother to her infant
- (2) Sharing the syringes used for injecting drugs
- (3) Sexual contact with an infected person
- (4) Shaking hands with an infected person

117. The major component of compressed natural gas (CNG) is:

- (1) Oxygen
- (2) Carbon monoxide
- (3) Nitrogen dioxide
- (4) Methane

118. Combustion is the chemical process in which substance reacts with \_\_\_\_\_ and produces heat.

- (1) Carbon monoxide
- (2) Oxygen
- (3) Nitrogen
- (4) Carbon dioxide

119. Which of the following is NOT a part of the animal cell?

- (1) Nucleus
- (2) Cell membrane

(3) Cell wall

(4) Cytoplasm

120. The animals which give birth to the young ones are called :

- (1) Parthenogenic
- (2) Oviparous
- (3) Viviparous
- (4) Ovoviviparous

121. Special shapes are given to the objects moving in fluid to :

- (1) Keep fluid friction unchanged
- (2) Minimise fluid friction
- (3) Maximise fluid friction
- (4) Restore fluid friction



122. Identify the measures used to limit noise pollution :

- (A) Minimise the use of automobile horns
- (B) Planting trees along the roads
- (C) Installing silencing devices in aircraft engines
- (D) Cutting trees around the residential buildings

Choose the correct option from the following :

- (1) (A) and (C) only
- (2) (B), (C) and (D) only
- (3) (A), (B) and (C) only
- (4) (B) and (D) only

123. Image formed by a plane mirror is :

- (1) Real, behind the mirror and the same size as the object
- (2) Virtual, behind the mirror and enlarged
- (3) Virtual, behind the mirror and the same size as the object
- (4) Real, at the surface of the mirror and enlarged

124. Which of the following is the most reactive with water?

- (1) Cobalt
- (2) Phosphorus
- (3) Zinc
- (4) Sodium

125. Select the correct statements from the following

When the electric current passes through a conducting solution :

- (A) Bubbles of the gas may be formed on the electrodes
- (B) Deposits of metal may be seen on the electrode
- (C) There is no change in colour of the solution
- (D) Change in colour of the solution may occur

Choose the correct option from the following :

- (1) (B) and (C) only
- (2) (A), (B) and (C) only
- (3) (A) and (C) only
- (4) (A), (B) and (D) only

**Instructions :** Each question has four options.

There is only one correct answer to each question. Choose the **Correct/Most Appropriate** option and darken/blacken the corresponding circle on the OMR Answer Sheet.

### SECTION - 'E' : SOCIAL SCIENCE

126. Which of these is NOT a function of the Municipal Corporation?

- (1) Garbage collection
- (2) Prevents outbreak of diseases in the city
- (3) Running schools
- (4) Providing defense services

127. Sahara, the world's largest desert, is located in which of the following continents?

- (1) Antarctica
- (2) Africa
- (3) North America
- (4) South America

128. Which one of the following is NOT a factor of soil formation?

- (1) Climate
- (2) Time
- (3) Parent Rock
- (4) Precipitation

129. Which crop is also known as "Golden Fibre"?

- (1) Millets
- (2) Cotton
- (3) Jute
- (4) Wheat

130. Gandhiji carried out the Dandi March to oppose which of the following?

- (1) Partition of Bengal
- (2) Rowlatt Act
- (3) Salt Law
- (4) Simon Commission

131. The last Mughal emperor was :

- (1) Ahmadullah Shah
- (2) Bahadur Shah Zafar
- (3) Nawab Wajid Ali Shah
- (4) Bakht Khan



132. Which one of the following is an example of Marine based industry?

- (1) Pharmaceuticals
- (2) Cotton textile
- (3) Sea food processing
- (4) Iron ore

133. Which Article of the Constitution of India states that the practice of untouchability has been abolished?

- (1) Article 21
- (2) Article 14
- (3) Article 17
- (4) Article 19

134. Which country is the largest producer of "Bauxite" in the world?

- (1) Russia
- (2) South Africa
- (3) Brazil
- (4) Australia

135. Match List-I with List-II :

**List-I                      List-II**

- A. Diwan                      I. Financial Officer  
B. Bakhshi                      II. Military Paymaster

C. Faujdar                      III. Military Commander

D. Kotwal                      IV. Police Commander

Choose the correct answer from the options given below :

- (1) A-III, B-I, C-II, D-IV
- (2) A-I, B-II, C-III, D-IV
- (3) A-II, B-III, C-I, D-IV
- (4) A-IV, B-I, C-II, D-III

136. The full form of "CITIES" is :

- (1) The Contract on Indiscriminate Trade in Endangered Species
- (2) The Contract on International Trade in Endangered Species
- (3) The Convention on International Trade in Endangered Species
- (4) The Convention on Indiscriminate Trade in Endangered Species

137. The Employment of Manual Scavengers and Construction of Dry Latrines

(Prohibition) Act, was passed by the Government of India in which year?

- (1) 1993
- (2) 1989
- (3) 1990
- (4) 1992

138. The difference between the birth rate and the death rate of a country is called the \_\_\_\_\_.

- (1) Life expectancy
- (2) Natural growth rate
- (3) Average density of population
- (4) Population distribution

139. Which one of the following is a Renewable Resource?

- (1) Petroleum
- (2) Natural gas

(3) Coal

(4) Solar energy

140. The book titled "Amar Jiban" was written by :

- (1) Rashsundari Devi
- (2) Rokeya Sakhawat Hossain
- (3) Pandita Ramabai
- (4) Tarabai Shinde

141. What is the full form of "PIL"?

- (1) Public Information Litigation
- (2) Public Interrogation Litigation
- (3) Private India Limited
- (4) Public Interest Litigation

142. The Azad Hind Fauj was raised by :

- (1) Subhas Chandra Bose
- (2) Mahatma Gandhi
- (3) Bhagat Singh
- (4) Jawaharlal Nehru

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143. Ibn Battuta, a fourteenth century traveller, was from which of the following countries?

- (1) Morocco
- (2) Afghanistan

(3) China

(4) Iran

144. According to the Constitution of India, there are \_\_\_\_\_ organs of the government.

(1) Five

(2) Two

(3) Three

(4) Four

145. Which of the following is a method for conservation of land resource?

(1) Afforestation

(2) Overgrazing

(3) Use of chemical pesticide

(4) Land degradation

146. Which of the following is NOT a feature of a shopping complex?

(1) Entertainment facilities

(2) Branded stores

(3) Buying and selling takes place between traders

(4) Multiple products under a roof

147. The Magnitude of the Earthquake is measured on :

(1) Richter scale

(2) Digital scale

(3) Victor scale

(4) Nichter scale

148. The power of the judiciary to strike down particular laws passed by the Parliament if it believes them to be in violation of the basic structure of the Constitution is called \_\_\_\_\_.

- (1) Judicial review
- (2) Judicial activism
- (3) Separation of powers
- (4) Amendment

149. Which one among the following statements is NOT correct about the Gram Sabha?

- (1) The Gram Sabha prevents the Panchayat from misusing money.
- (2) The ward Panchs and the Sarpanch form the Gram Sabha.
- (3) Anyone who is 18 years old or more and lives in the area covered by a Panchayat is a member of the Gram Sabha.

(4) The work of the Gram Panchayat has to be approved by the Gram Sabha.

150. Which of the following statements are correct?

- (A) Public facilities relate to people's basic needs.
- (B) Public facilities are only for those who can afford them.
- (C) The responsibility to provide public facilities lie with the government.
- (D) The responsibility to provide public facilities lie with private companies.

Choose the correct answer from the options given below :

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



SPACE FOR ROUGH WORK

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