

J&K SAINIK SCHOOL MANASBAL

TEST BOOKLET - IX

ROLL NUMBER

Test Booklet No. & Series

120161

120161

A

Name of the Candidate:

Signature of the Candidate:

Time:  $2\frac{1}{2}$  Hours

Maximum Marks: 270

**GENERAL INSTRUCTIONS FOR CANDIDATE**

1. This booklet comprises of five sections (24 Pages) comprising of 135 Questions with Section A - 45 (Mathematics), B - 35 (Reasoning), C - 20 (English), D - 20 (Science) & E - 15 (Social Science/GK). Each question has 2 marks for correct answer.
2. A separate OMR sheet will be provided to mark the correct answer at the proper place on the OMR sheet.
3. Use only blue/black ball pen to fill your OMR sheet. Use of pencil is not allowed.
4. For every question there are four probable answers out of which only one is the most appropriate / correct. The candidate is required to select the correct answer and darken the bubble against the correct option provided against each question in the OMR sheet. For example, if your answer for a particular question is option C, fill the bubble as given below.



5. Overwriting, erasing or cutting on OMR is not allowed. Using of correction fluid/whitener is also not allowed on OMR.
6. Rough work must be done only on this Booklet at the portion specified for the same.
7. The time allowed is 150 minutes.
8. There is no Negative marking.
9. A candidate is eligible for admission if he secures a minimum of 25% marks in each section and 40% marks in aggregate of all the sections. However, admission will be based on relative merit of the candidate followed by medical fitness and verification of requisite documents.

Signature of Invigilator

Signature of Centre Superintendent

SEAL

**SPACE FOR ROUGH**

## SECTION A: MATHEMATICS

(Total Question – 45    Max Marks – 90)

**Q1.** Which of the following is a positive rational number –

(a)  $\frac{5}{-7}$

(b)  $\frac{-4}{-7}$

(c)  $-2\frac{3}{5}$

(d)  $-\frac{2}{3}$

**Q2.** The standard form of a linear equation in one variable x is

(a)  $ax + b = 0$

(b)  $ax^2 + bx + c = 0$

(c)  $ax^3 + bx^2 + cx + d = 0$

(d)  $ax^4 + bx^3 + cx^2 + dx + e = 0$

**Q3.** What is the general formula to count the sum of all the interior angles of a polygon with 'n' number of sides?

(a)  $(n-2) \times 180^\circ$

(b)  $(n-2) \times 360^\circ$

(c)  $(n-1) \times 180^\circ$

(d)  $(n-1) \times 360^\circ$

**Q4.** The choices of the fast food of 10 students in a batch are as follows

Pizza, Dosa, Noodles, Dosa, Momos, Pizza, Dosa, Dosa, Momos, Dosa  
The fast food preferred by the most of the students is

(a) Dosa

(b) Momos

(c) Noodles

(d) Pizza

**Q5. Assertion (a)** Bar graphs are represented with the help of rectangles.

**Reason (R)** In a bar graph, bar of uniform width can be drawn vertically or horizontally with equal spacing between them.

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true but R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

**Q6.** Sum of squares of two numbers is 145. If square root of one number is 3, find the other number.

(a) 136

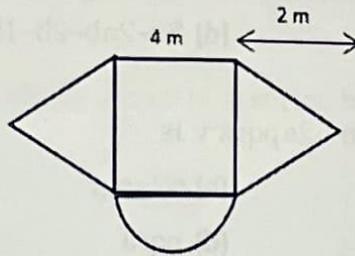
(b) 64

(c) 9

(d) 8

- Q7.** Which of the following can be a perfect square?  
 (a) A number ending in 3 or 7  
 (b) A number ending with odd number of zeros  
 (c) A number ending with even number of zeros  
 (d) A number ending in 2
- Q8.** When the square of a number is subtracted from the cube of the same number, the result is 100. Find the number from the ones given below.  
 (a) 2 (b) 4  
 (c) 1 (d) 5
- Q9.** Which symbol represents cube root of  $x$ ?  
 (a)  $x^2$  (b)  $x$   
 (c)  $\sqrt[3]{x}$  (d)  $\sqrt{x}$
- Q10.** In a town, 25% of people like coffee, 20% of people like tea, and the rest of the people like juice. If there are 300 people in the town, then how many people like Juice?  
 (a) 255 (b) 300  
 (c) 165 (d) 105
- Q11.** We need 25% marks to pass an exam. What would be the pass marks if the exam was conducted for 120 marks?  
 (a) 50 (b) 40  
 (c) 30 (d) 20
- Q12.** A number exceeds 20% of itself by 40. The number is:  
 (a) 50 (b) 60  
 (c) 80 (d) 48
- Q13.** If  $a=b=2$ , then the value of  $(a-b)(a^2+ab-b^2)$  will be:  
 (a) 2 (b) 1  
 (c) 0 (d) 4
- Q14.** The remainder obtained when  $t^4-3t^3+t+5$  is divided by  $t-1$  is:  
 (a) -4 (b) 4  
 (c) 1 (d) 5

**Q15.** Find the area of the given figure. ( $\pi = 3.14$ )



- (a)  $30.28\text{m}^2$                       (b)  $13.28\text{m}^2$   
 (c)  $26.28\text{m}^2$                       (d)  $27.28\text{m}^2$

**Q16.** In a quadrilateral, half of the product of the sum of the lengths of parallel sides and the parallel distance between them gives the area of

- (a) Rectangle                      (b) Parallelogram  
 (c) Triangle                      (d) Trapezium

**Q17.** The heights of the two right circular cylinders are the same. Their volumes are respectively  $16\pi \text{ m}^3$  and  $81\pi \text{ m}^3$ . The ratio of their base radii is

- (a)  $16 : 81$                       (b)  $4 : 9$   
 (c)  $2 : 3$                       (d)  $9 : 4$

**Q18.**  $(512)^{-\frac{2}{3}} \times (4)^3$  is equal to:

- (a) 16                      (b) 1  
 (c) 14                      (d) 4

**Q19.** When simplified  $(x^{-1}+y^{-1})^{-1}$  is equal to:

- (a)  $x+y$                       (b)  $\frac{xy}{x+y}$   
 (c)  $\frac{1}{xy}$                       (d)  $xy$

**Q20.** The number 2 8 2 2 1 is divisible by which of the following:

- (a) 2                      (b) 3  
 (c) 6                      (d) 9

**Q21.** If the number 88A is divisible by 9 then the value of the letter A is?

- (a) 3                      (b) 4  
 (c) 2                      (d) 8

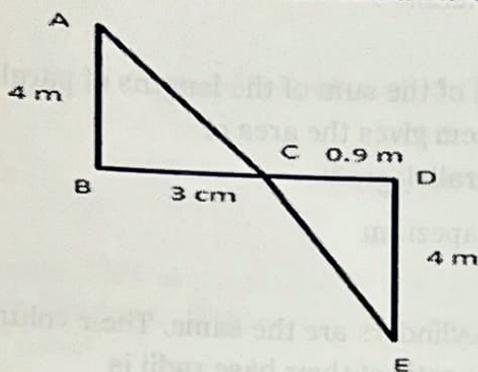
**Q22.** If we subtract  $4a - 7ab + 2b + 10$  from  $14a - 9ab + 5b - 3$ , then the answer is:

- (a)  $8a+2ab+2b+15$                       (b)  $10a-2ab+3b-13$   
 (c)  $10a-2ab+3b-15$                     (d)  $8a-2ab-2b-15$

**Q23.** The coefficient of  $x^2y$  in  $62apqrx^2y$  is

- (a)  $Pq$     (b)  $62apqr$   
 (c)  $8x$     (d)  $pqra$

**Q24.** A man travels A to B, B to C, C to D and then finally D to E. What will be the shortest route the man could have taken?

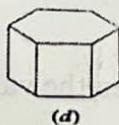
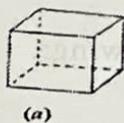


- (a) 9.3 m    (b) 9.2 m  
 (c) 9.1 m    (d) 9 m

**Q25.** Which of triangle whose sides are given below are right angled?

- (a)  $AB = 89, AC = 80, BC = 39$   
 (b)  $AB = 57, AC = 50, BC = 45$   
 (c)  $AC = 34, AB = 20, BC = 21$   
 (d)  $AC = 50, AB = 32, BC = 20$

**Q26.** Which amongst the following is not a polyhedron?



- (a) a    (b) b  
 (c) c    (d) d

**Q27.** Tally marks gives the number of \_\_\_\_\_ of each class.

- (a) Class interval
- (b) Frequency
- (c) Width
- (d) Higher boundary

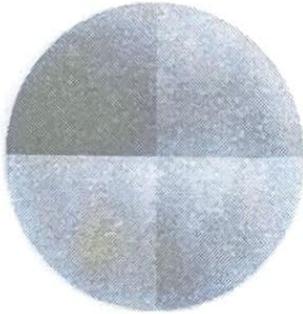
**Q28.** To calculate the median, all the items of a series have to be arranged in a/an -----.

- (a) Descending order
- (b) Ascending order
- (c) Ascending or descending order
- (d) None of the above

**Q29.** Identify the mode in this set of numbers: 10,11,15,14,12,12,11,18,12

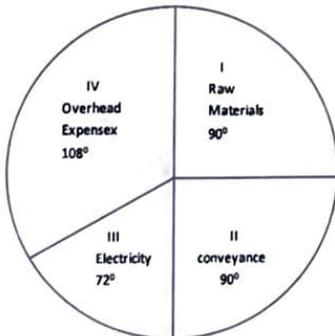
- (a) 10
- (b) 11
- (c) 12
- (d) 14

**Q30.** What are the possible outcomes of spinning the below wheel?



- (a) 1
- (b) 5
- (c) 4
- (d) 8

Study the pie chart and answer the given questions. The total expenditure of a company for a particular month is Rs. 60000. The various heads of expenditure I to IV are indicated in a pie chart given below. These heads are:



1.

**Q31.** What percentage of total expenditure is on electricity?

- (a) 23%
- (b) 25%
- (c) 30%
- (d) 20%

- Q32.** The product of two numbers is 1024. If one number is 4 times the other. Find the smaller number?  
 (a) 56 (b) 16  
 (c) 8 (d) 64

- Q33.** The ratio between 7 years and 7 months is  
 (a) 7:7 (b) 1:1  
 (c) 1:12 (d) 12:1

- Q34.** The table below shows the price of some items in a shop:

Item	Price per unit
Biscuit	36
Chocolate	54
Magi	45
wafer	27

- What is the ratio of combined price of Biscuit and wafer to the Chocolate and Magi?  
 (a) 3:5 (b) 2:3  
 (c) 9:7 (d) 7:11

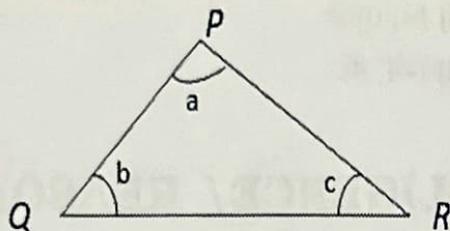
- Q35.** The factors of  $x^2 + xy + 8x + 8y$  are  
 (a)  $(x + y)(x + 8)$  (b)  $(2x + y)(x + 8)$   
 (c)  $(x + 2y)(x + 8)$  (d)  $(x + y)(2x + 8)$

- Q36.** Factorize  $4y^2 - 12y + 9$   
 (a)  $(2y - 3)^2$  (b)  $(2y + 3)^2$   
 (c)  $2y - 3$  (d)  $2y + 3$

- Q37.** 21 goats eat as much as 15 cows. How many goats eat as much as 35 cows?  
 (a) 37 (b) 36  
 (c) 21 (d) 49

- Q38.** The cost of two rings and 4 bangles of gold is Rs.46854. What is the cost of same 5 rings and 10 bangles?  
 (a) 130151 (b) 12000  
 (c) 130110 (d) 117135

Q39. Find the angles ( $\angle P$ ,  $\angle Q$ ,  $\angle R$ ) of the triangle PQR if  $a + b = 120^\circ$  and  $a - c = 30^\circ$ .

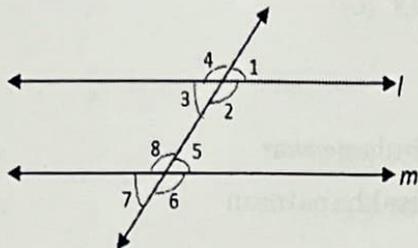


- (a)  $90^\circ, 30^\circ, 60^\circ$                       (b)  $90^\circ, 45^\circ, 45^\circ$   
 (c)  $120^\circ, 30^\circ, 30^\circ$                       (d)  $90^\circ, 45^\circ, 80^\circ$

Q40. In triangle ABC,  $AB=BC$  and  $\angle B = 70^\circ$ . Find  $\angle A$

- (a)  $70^\circ$     (b)  $110^\circ$   
 (c)  $130^\circ$     (d)  $55^\circ$

Q41. Which of the following is not correct if  $l \parallel m$ .



- (a)  $\angle 1 = \angle 5$                                       (b)  $\angle 1 = \angle 3$   
 (c)  $\angle 1 = \angle 7$                                       (d)  $\angle 2 = \angle 6$

Q42. The simple interest at  $x\%$  per annum for  $x$  years will be Rs  $x$  on a sum of Rs. \_\_\_\_\_

- (a) 100    (b)  $x$   
 (c)  $\frac{100}{x}$     (d)  $\frac{x}{100}$

Q43. Find the amount on Rs. 5000 at the rate of 20% per annum for 18 months when interest is compounded half yearly.

- (a) 6655    (b) 6666  
 (c) 6000    (d) 6644

Q44. P can do  $\frac{1}{4}$  of a work in 10 days; Q can do 40% of the work in 15 days and R can do  $\frac{1}{3}$  of the work in 13 days. Who will complete the work first?

- (a) P    (b) Q  
 (c) R    (d) P and R both

**Q45.** Which of the following points lies on y-axis?

(a) (-4, 0)

(b) (4, 0)

(c) (0, -4)

(d) (-4, 4)

## SECTION B: INTELLIGENCE/ REASONING

(Total Question - 35 Max Marks - 70)

**Q46.** Choose the correct alternative. Moon: Satellite:: Earth : ?

(a) Sun

(b) Planet

(c) Solar System

(d) Asteroid

**Q47.** Life is related to Death in the same way as Hope is related to .....?

(a) Sad

(b) Despair

(c) Pain

(d) Cry

**Q48.** Tamil Nadu: Chennai:: Odisha : ?

(a) Chandigarh

(b) Bhubaneswar

(c) Raipur

(d) Visakhapatnam

**Q49.** 343: 7:: 512: ?

(a) 2

(b) 8

(c) 6

(d) 9

**Q50.** Itanagar: Arunachal Pradesh :: Amravati : ?

(a) Andhra Pradesh

(b) Meghalaya

(c) West Bengal

(d) Nagaland

**Q51.** 4832, 5840, 6848, ?

(a) 7815

(b) 7846

(c) 7856

(d) 7887

**Q52.** RWKQ: PUIO :: FCGM : ?

(a) DAEK

(b) UEJM

(c) ABCD

(d) AQEI

**Q53.** 24: 77 :: 83 : ?

(a) 254

(b) 327

(c) 264

(d) 486

Q54. India : ISRO :: Japan : ?

- (a) NASA (b) ESA  
(c) JAXA (d) TESLA

Q55. Scrap : Fragment :: Disappoint : ?

- (a) Hilarious (b) Long  
(c) Regret (d) Smile

Q56. Observe the following pattern and supply the missing numbers.

$$11^2 = 1\ 2\ 1$$

$$101^2 = 1\ 0\ 2\ 0\ 1$$

$$1001^2 = 1002001$$

$$10001^2 = \underline{\hspace{2cm}}$$

- (a) 10101 (b) 1002001  
(c) 100020001 (d) 1002003002001

Q57. 21, 25, 33, 49, 81, (?).

- (a) 101 (b) 132  
(c) 113 (d) 145

Q58. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

- (a) 1  
(c) 3

- (b) 2  
(d) 4

Q59. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)

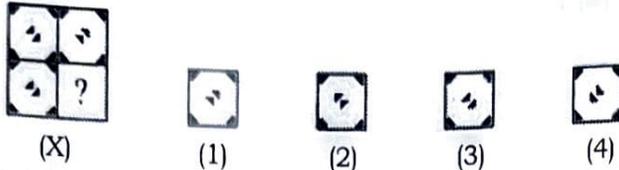


(4)

- (a) 1  
(c) 3

- (b) 2  
(d) 4

**Q60.** Identify the figure that completes the pattern.



- (X)  
**(a)** 1  
**(c)** 3  
**(b)** 2  
**(d)** 4

**Q61.** Find odd one out from the given series

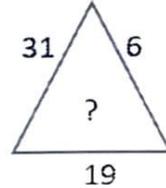
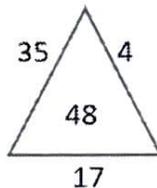
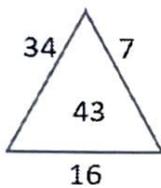
**19, 26, 33, 46, 59, 74, 91**

- (a)** 26  
**(c)** 46  
**(b)** 33  
**(d)** 59

**Q62.** If 'white' is called 'yellow', 'yellow' is called 'blue', 'blue' is called 'red', 'red' is called 'black', 'black' is called 'violet' and 'violet' is called 'green', then what would be the colour of light emitting from bulb?

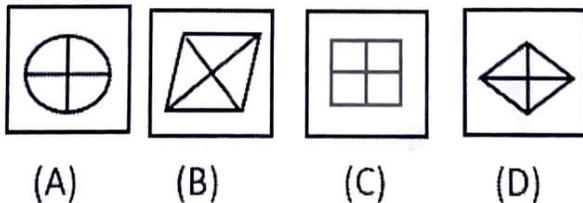
- (a)** Blue  
**(c)** Yellow  
**(b)** Red  
**(d)** Black

**Q63.** Find the correct alternative which will replace the question mark?



- (a)** 49  
**(c)** 27  
**(b)** 33  
**(d)** 44

**Q64.** Choose the figure which is different from the rest?



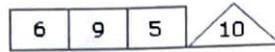
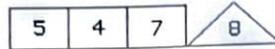
- (a)** Figure C  
**(c)** Figure A  
**(b)** Figure D  
**(d)** Figure B

**Q65.** ADLK : CFNM :: GRSP : ?

- (a)** WXYZ  
**(c)** ABCD  
**(b)** ITUR  
**(d)** GHJK

- Q66.** Which word does NOT belong with the others?  
(a) Car (b) Steering wheel  
(c) Engine (d) Tyre
- Q67.** Which word does NOT belong with the others?  
(a) Cornea (b) Vision  
(c) Pupil (d) Retina
- Q68.**  $P_5QR$ ,  $P_4QS$ ,  $P_3QT$ , \_\_\_\_\_,  $P_1QV$   
(a)  $PQW$  (b)  $PQV_2$   
(c)  $P_2QU$  (d)  $PQ_3U$
- Q69.** Choose the word that is a necessary part of the underlined word.: pain  
(a) Hurt (b) Burn  
(c) Nuisance (d) Cut
- Q70.** A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?  
(a) X (b) A  
(c) S (d) Z
- Q71.** The total of the ages of Tom, Dick and Hari is 80 years. What was the total of their ages three years ago?  
(a) 73 years (b) 72 years  
(c) 74 years (d) 71 years
- Q72.** A pineapple costs Rs. 7 each. A watermelon costs Rs. 5 each. X spends Rs. 38 on these fruits. The number of pineapples purchased is  
(a) 4 (b) 3  
(c) 2 (d) 5
- Q73.** In Jambu Zoo, there are deer and peacocks. By counting heads they are 80. The number of their legs is 200. How many peacocks are there?  
(a) 60 (b) 30  
(c) 50 (d) 20

**Q74.** Which one will replace the question mark?



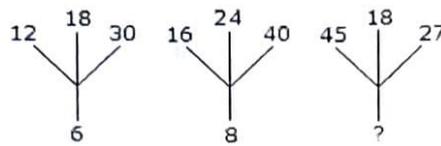
(a) 7

(b) 4

(c) 3

(d) 6

**Q75.** Which one will replace the question mark?



(a) 9

(b) 12

(c) 10

(d) 6

**Q76.** Which one will replace the question mark?

18	24	32
12	14	16
3	?	4
72	112	128

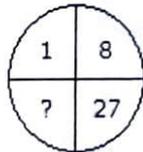
(a) 3

(b) 2

(c) 4

(d) 5

**Q77.** Which one will replace the question mark?



(a) 41

(b) 61

(c) 35

(d) 64



**SECTION C: ENGLISH**

(Total Question - 20 Max Marks - 40)

Read the following comprehension passage and answer the questions given at the end:

Once a bee felt thirsty. It flew to a pond to drink water. While drinking water, the bee fell into the pond. A dove was sitting on the branch of a tree. It saw all around and decided to save the bee's life. The dove threw a leaf. The bee climbed over the leaf, dried its wings and flew away.

After a few days a hunter came to the forest. He aimed at the dove. Luckily the bee saw the hunter. It flew to the hunter and stung him hard on the hand. The hunter missed his aim. The dove heard the gunshot and flew away. The dove thanked the bee for this timely help.

**Q81.** Where did the bee fly to drink water?

- (a) A canal (b) A pond  
(c) A river (d) A stream

**Q82.** What happened to the bee while drinking water?

- (a) It fell from the tree (b) It fell into the pond  
(c) It was shot by the hunter (d) None of the above.

**Q83.** Who saved the bee's life?

- (a) A dove (b) A hunter  
(c) A fish (d) A tortoise

**Q84.** What did the bee do to save the dove's life?

- (a) It killed the hunter  
(b) It stung the hunter on the hand  
(c) It shouted hard  
(d) It did nothing

**Q85.** What is the moral of the story?

- (a) Do good, have good  
(b) Revenge is the best policy  
(c) Pride hath a fall  
(d) Union is strength.

- Q86.** Identify the error in the given sentence ' War is always inhumane from any angel.
- (a) Inhumane (b) War is  
(c) From any angel (d) Always
- Q87.** Choose the correct option that is the antonym of the given word '**consent**'
- (a) Sanction (b) Dissent  
(c) Variety (d) Integrity
- Q88.** Choose the option that is the synonym of the word "**Imbibe**":
- (a) Abstain (b) Emit  
(c) Absorb (d) Obviate
- Q89.** Fill in the blanks with appropriate preposition in the given sentence:  
He always does work \_\_\_\_\_ time.
- (a) With (b) At  
(c) By (d) In
- Q90.** Fill in the blanks with appropriate article:  
This is such \_\_\_\_\_ honour for my family.
- (a) The (b) An  
(c) A (d) None of them
- Q91.** Identify the comparative degree:
- (a) Best (b) Better  
(c) Good (d) None of these
- Q92.** Identify the adverb in the given sentence:  
'This is not good enough to be displayed in the art gallery'
- (a) This (b) Not  
(c) Art (d) Enough
- Q93.** Schools are closed due to lockdown. \_\_\_\_\_ teachers are taking online classes.
- (a) However (b) Infect  
(c) Finally (d) Hance
- Q94.** He \_\_\_\_\_ go to school daily by auto.
- (a) Will (b) Could  
(c) Used to (d) Should

- Q95.** Fill in the blanks by choosing the correct option:  
 The rich of the society \_\_\_\_\_ down on the middle class and the poor.  
 (a) Has been looking (b) Look  
 (c) Has looked (d) Looks
- Q96.** Identify the type of the underlined phrase from the given sentence  
 'She is taller than her friends'  
 (a) Adverb phrase of manner (b) Adverb phrase of degree  
 (c) Adjective phrase (d) Noun phrase
- Q97.** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute, select 'No substitution'  
 The price of this mobile phone is higher than yours'  
 (a) Are higher than yours (b) Is higher than yourself  
 (c) Is higher than you (d) Is higher than that of yours
- Q98.** Choose the correct option from the given statement  
 You should never tell a lie (into passive)  
 (a) A lie should never to tell (b) A lie is never to be told  
 (c) A lie should never be told (d) Don't tell a lie
- Q99.** Choose correct indirect form:  
 She said to me, "Please, let me go"  
 (a) She told me to let her go (b) She requested me to let her go.  
 (c) She said to me to let her go. (d) She asked me to let her go.
- Q100.** Choose option that gives correct order of the words to form a meaningful sentence:  
 A. Him to hit  
 B. Sohan can't carry  
 C. It's too heavy for  
 D. This suitcase because  
 (a) ADBC (b) CBDA  
 (c) BADC (d) BDCA

## SECTION D: GENERAL SCIENCE

(Total Question - 20 Max Marks - 40)

**Q101.** Formed from the remains of plants that grew in warm, humid swamps 300 to 400 million years ago:

- (a) Natural gas (b) Coal  
(c) Petroleum (d) Diesel

**Q102.** The middle zone of a candle flame appears:

- (a) Red (b) Blue  
(c) Yellow (d) Black

**Q103.** Present only in animal cells:

- (a) Chromoplast (b) Centrosome  
(c) Ribosome (d) Cell wall

**Q104.** Match the following:

Column A		Column B	
I.	Sperm	A.	Cat
II.	Internal Fertilization	B.	Frog
III.	External Fertilization	C.	Female
IV.	Cervix	D.	Male

- (a) I-B, II-C, III-A, IV-D (b) I-C, II-A, III-B, IV-D  
(c) I-B, II-D, III-A, IV-C (d) I-D, II-A, III-B, IV-C

**Q105.** Match the following:

Column A		Column B	
I.	Bouncing of light from a polished Surface	A.	Normal
II.	Upright	B.	Left- Right reversal
III.	Lateral Inversion	C.	Reflection
IV.	Perpendicular to the mirror surface	D.	Erect Image

- (a) I-C, II-D, III-B, IV-A (b) I-A, II-C, III-D, IV-B  
(c) I-B, II-C, III-A, IV-D (d) I-C, II-A, III-D, IV-B

**Q106.** Metal that is liquid at room temperature is:

- (a) Silver (b) Mercury  
(c) Gold (d) Potassium

**Q107.** Which of the following is not an Insulator:

- (a) Wood (b) Copper  
(c) Rubber (d) Pure Water

- Q108.** The gas which is 20.95 % of the air:  
 (a) Carbon Dioxide (b) Oxygen  
 (c) Helium (d) Nitrogen
- Q109.** The unit used to measure the distance travelled by light is called:  
 (a) Light Day (b) Light year  
 (c) Meter (d) Kilometer
- Q110.** Production of alcoholic beverages such as beer and wine involves:  
 (a) Tanning (b) Fermentation  
 (c) Pasteurization (d) Boiling
- Q111.** Menstruating girls need to have foods richer in:  
 (a) Carbohydrates (b) Proteins  
 (c) Fats (d) Iron
- Q112.** Lightning always follows:  
 (a) A straight path (b) The easiest path  
 (c) Thunder (d) Rain
- Q113.** Which of the following is the most suitable for wood?  
 (a) Rayon (b) Acrylic  
 (c) Cotton (d) Silk
- Q114.** Insulin is a type of :  
 (a) Vitamin (b) Salt  
 (c) Hormone (d) Enzyme
- Q115.** The main function of the plough in agriculture practice is:  
 (a) Removing the weeds (b) Loosening the soil particles  
 (c) For tilling the soil (d) All of the above
- Q116.** Planting new trees is called:  
 (a) Species (b) Desertification  
 (c) Deforestation (d) Forestation
- Q117.** An air bubble inside the water behaves as a:  
 (a) Convex lens (b) Concave lens  
 (c) Convex mirror (d) Concave mirror
- Q118.** We slip on muddy road due to:  
 (a) Gravitational force (b) Excess of friction  
 (c) Density (d) Lack of friction

- Q119.** Noise of how much decibel are harmful for our body?  
 (a) 50db (b) 40db  
 (c) 80db (d) 70db

- Q120.** The nucleus contains:  
 (a) Nucleoplasm (b) Chromatin  
 (c) Nucleolus (d) All the above

## **SECTION E: SOCIAL SCIENCE / GENERAL KNOWLEDGE**

**(Total Question – 15 Max Marks – 30)**

- Q121.** Who among the following was appointed as the first Viceroy of British India?  
 (a) Lord Mayo (b) Lord Irwin  
 (c) Lord Canning (d) Lord Wavell

- Q122.** Mehbooba Mufti is the first woman to be Chief Minister in the erstwhile State. Who is the first woman to be a Cabinet Minister in Jammu and Kashmir Union Territory?  
 (a) Aditya Sharma (b) Imliza Mufti  
 (c) Sakina Itoo (d) Shagun Parihar

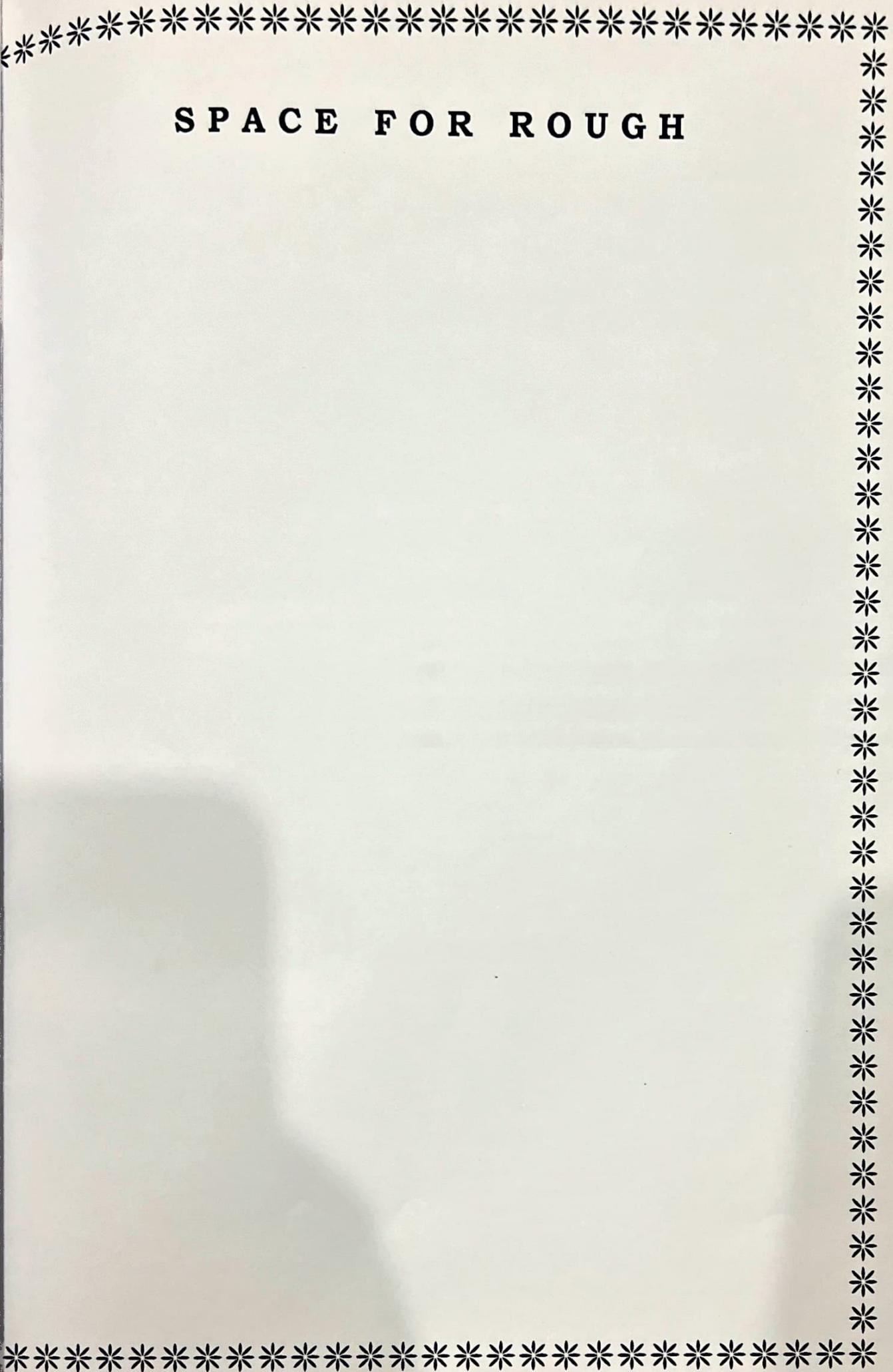
- Q123.** What significant change occurred in the status of women over the past two hundred years in India?  
 (a) Women were restricted to household chores.  
 (b) Widows were prohibited from remarrying.  
 (c) Women's rights to education and property improved.  
 (d) Women were encouraged to practice Sati.

- Q124.** The water cycle is also known as  
 (a) Hydrological cycle (b) Hydrogen cycle  
 (c) Natural cycle (d) Oxygen cycle

- Q125.** When did the Union Cabinet chaired by the Prime Minister approved the adoption of Jammu and Kashmir Panchayati Raj Act?  
 (a) 21 October, 2019 (b) 21 August, 2020  
 (c) 5 August, 2020 (d) 21 October, 2020

- Q126.** It is an arid region characterized by extremely high or low temperatures and has scarce vegetation  
 (a) Mountain (b) Desert  
 (c) Plateau (d) Plain

- Q127.** Razia Sultan was married to whom?  
 (a) Kabir Khan (b) Altunia  
 (c) Aibak (d) None of these
- Q128.** First battle of Panipat was fought in \_\_\_\_\_  
 (a) 1528 (b) 1526  
 (c) 1561 (d) 1540
- Q129.** Who among the following took as Prime Minister of India on 9 June 2024?  
 (a) Rahul Gandhi (b) Smriti Irani  
 (c) Sharad Pawar (d) Narendra Modi
- Q130.** The leader of the ruling party in Lok Sabha is:  
 (a) Chief Minister (b) Vice President  
 (c) Prime Minister (d) President
- Q131.** What is the primary focus of health policies formulated by the government?  
 (a) Transport Infrastructure (b) Economic Development  
 (c) Disease Prevention (d) Education Reform
- Q132.** Thinnest layer of the earth is:  
 (a) Crust (b) Core  
 (c) Mantle (d) None of these
- Q133.** The \_\_\_\_\_ train is ready to go Srinagar from Katra:  
 (a) Jammu Mail (b) Jhelum Express  
 (c) Garib Rath (d) Vande Bharat
- Q134.** Where was saint Kabir born?  
 (a) Delhi (b) Varanasi  
 (c) Mathura (d) Hyderabad
- Q135.** Which of the following are types of winds?  
 (a) Planetary winds, periodic winds, local winds  
 (b) Trade winds, westerly winds, plate tectonics  
 (c) Apples, monsoon  
 (d) Clouds, rains, storms

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**S P A C E F O R R O U G H**