



Time : 1½ Hr.

SAMPLE TEST PAPER

Max. Marks : 210

GENERAL INSTRUCTIONS

1. Question paper contains 70 questions of Mathematics (1 to 25), Physics (26 to 35), Chemistry (36 to 45), Biology (46 to 55) & Mental Ability (56 to 70), each question carry 3 mark.
2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form is not allowed.
3. Write your Name and Roll No. in the space provided in the bottom of this booklet.
4. Before answering the paper, fill up the required details in the blank space provided in the answer sheet.
5. Do not forget to mention your roll number neatly and clearly in the blank space provided in the answer sheet.
6. There is no negative marks for wrong answer.
7. No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.
8. In case of any dispute, the answer filled in the OMR sheet available with the institute shall be final.
9. Any correction/objection in Answer Key will be accepted/entertained within 24 hrs. of exam conduction. No correction/objection will be accepted after the time.

MARKING CRITERIA

| No. of Questions | Type | Marks | | |
|------------------|------------------|------------------------------|-------------------|-------|
| | | Correct | Incorrect | Blank |
| 1-70 | Only one correct | Q. No. 1 to 70 (3 Mark each) | NO NEGATIVE MARKS | 0 |

IMPORTANT

PROCEDURE OF FILLING UP THE ANSWERS IN OMR SHEET

Wrong Filling

- (A) (B) (C) (D) Tick mark
 (A) (B) (C) (D) Cross mark
 (A) (B) (C) (D) Half filled or semi dark
 (B) (C) (D) Light filled

Right Filling

- (A) (C) (D) Fully darken with HB Pencil
 (A) (C) (D) Fully darken with HB Pencil
 (A) (C) (D) Fully darken with HB Pencil
 (B) (C) (D) Fully darken with HB Pencil

Name : _____ Roll No. : _____

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Syllabus of Reso NET

FOR STUDENTS STUDYING IN CLASS-V IN 2017-18

Mathematics :

- ❖ Operation on Large Numbers
- ❖ Factors and Multiples
- ❖ Decimals
- ❖ Measurement
- ❖ Average
- ❖ Percentage & Its Applications
- ❖ Speed, Distance and Time
- ❖ Temperature
- ❖ Money and Credit
- ❖ Basic Geometrical Ideas
- ❖ Practical Geometry
- ❖ Mensuration
- ❖ Data handling and graphs

Physics :

- ❖ Motion & Measurement
- ❖ Simple Machine
- ❖ Universe
- ❖ The Moon

Chemistry :

- ❖ States of Matter
- ❖ Air Around Us
- ❖ Water
- ❖ Rocks & Minerals

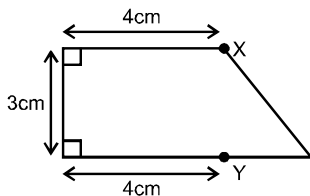
Biology :

- ❖ Life Style of Animals
- ❖ Reproduction in Plant
- ❖ Nervous System
- ❖ Our Body-A Wonderful Machine
- ❖ Food & Health
- ❖ Safety & First AID

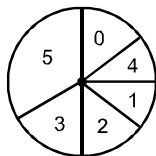
Mental Ability :

- ❖ Alphabet Test
- ❖ Number series
- ❖ Alphabet Series
- ❖ Missing Term in Figure
- ❖ Mathematical Operations
- ❖ Direction Sense
- ❖ Analogy
- ❖ Classification
- ❖ Water Mirror Image
- ❖ Figure Completion

1. A boy runs at a speed of 8 m/sec. How long does he take to cover a distance of 1 km ?
 (A) 100 sec (B) 125 sec
 (C) 12.5 hr (D) None of these
2. Rohit will cut the paper shape shown below in a straight line from point X to point Y.



- What two shapes will Rohit have after he cuts the paper ?
 (A) A square and a triangle
 (B) A square and a trapezium
 (C) A rectangle and a triangle
 (D) A rectangle and a parallelogram.
3. Identify the number of the only segment which has obtuse angle in the below figure.

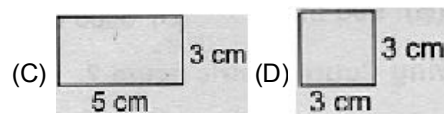
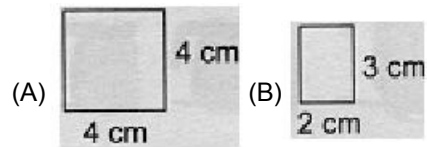


- (A) 2 (B) 4
 (C) 5 (D) 3
4. **Krishna - I** : What is your height, Mohan ?
Mohan - II : $\frac{3}{4}$ of the height of of Siva, and Siva is 160 cm tall. What is your height ?
Krishna - I : I am 155 cm tall. Karim's height is $\frac{4}{5}$ of my height.
 Based on the above dialogues, who is the shortest ?
 (A) Mohan (B) Karim
 (C) Krishna (D) Siva

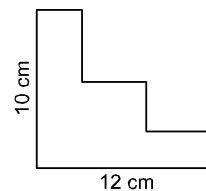
5. Vijay and Ajay are filling a fish tank with water .
 Vijay fills $\frac{1}{5}$ of the tank . Then Ajay fills $\frac{2}{5}$ of the tank . How much of the tank they filled in all
 (A) $\frac{3}{25}$ (B) $\frac{3}{10}$
 (C) $\frac{3}{5}$ (D) $\frac{2}{5}$
6. Which number is equal to $(\frac{0.7}{0.07} + \frac{0.07}{0.7})$?
 (A) 70.7 (B) 10.1
 (C) 77.7 (D) 10.7
7. The length, breadth and height of a hall are 3675 cm, 2100 cm and 1050 cm respectively. Find the maximum length of a tape which can measure the the three dimensions of the hall exactly.
 (A) 125 cm. (B) 525 cm.
 (C) 515 cm. (D) 505 cm.
8. Numbers of prime numbers between 10 to 20 are
 (A) 2 (B) 3
 (C) 4 (D) 5
9. The smallest number which when rounded off to the nearest hundred as 600 is
 (A) 550 (B) 595
 (C) 604 (D) 599
10. Which of the following statements is not true ?
 (A) $0+0 = 0$ (B) $0 - 0 = 0$
 (C) $0 \times 0 = 0$ (D) $1 \div 0 = 0$
11. The population of a city is 523503. If the number of males is 298825 , find the number of females.
 (A) 221234 (B) 224678
 (C) 224567 (D) 227648

(Space For Rough Work)

12. The cost of a sofa is Rs 98050. Find the cost of such 35 sofas.
 (A) Rs 3431650 (B) Rs 3431750
 (C) Rs 34321750 (D) Rs 3431650
13. LCM of 36 and 72 is
 (A) 36 (B) 72
 (C) 108 (D) 2
14. Four girls went out for picnic. They spent an average of Rs 96 on foods and stuffs. What was the total amount they spent ?
 (A) Rs 384 (B) Rs 284
 (C) Rs 386 (D) Rs 184
15. Find the average of first 5 multiples of 4
 (A) 16 (B) 12
 (C) 12.5 (D) 14
16. A man walked at a speed of 5 km/hr. Then how much distance will he cover in 2 hrs ?
 (A) 10 km (B) 13 km
 (C) 12 km (D) 5 km
17. At breakfast the temperature outside was 35°C . At lunchtime it had gone up 5°C , and then by dinner time it had gone down 2°C . What was temperature at dinner time?
 (A) 32°C (B) 39°C
 (C) 38°C (D) 40°C
18. Rohan bought a shirt for 250 rupee 79 paise and his sister Nilima bought her dress for Rs 375 rupees 95 paise. How much money did they spend altogether on the dresses .
 (A) Rs 626.78 (B) Rs 626.71
 (C) Rs 626.72 (D) Rs 626.74
19. Which of the following statements is false ?
 (A) If we join any two points on a circle, we get a diameter of the circle
 (B) A diameter of a circle contains the centre of the circle.
 (C) The length of a circle is called its circumference.
 (D) A semicircle is an arc.
20. Two sides of a triangle are 12 cm and 15 cm. The perimeter of the triangle is 40 cm. What is the length of its third side?
 (A) 12 cm (B) 13 cm
 (C) 14 cm (D) 15 cm
21. The weight of 25 student of class X in kg given as below :
 35 , 38 , 40 , 45 , 43 , 39 , 45.5 , 37, 46, 45, 36, 37, 46, 39, 38, 40, 41, 42, 42, 43, 38, 37, 36, 49, 50.
 How many students have 50 or more than 50 weight?
 (A) 4 (B) 3
 (C) 2 (D) 1
22. Difference between the place values of "3" in 3116365 is :
 (A) 2999700. (B) 3000700.
 (C) 2990700. (D) 200070.
23. Which of the following figures has the shortest perimeter ?



24. What is the perimeter of the figure below ?



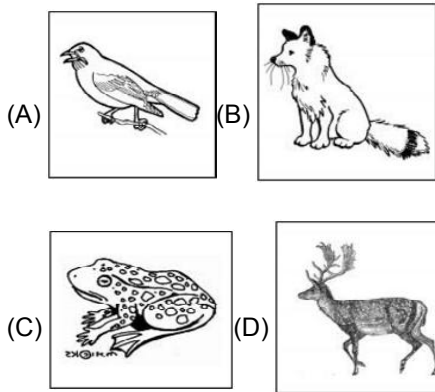
- (A) 22 cm
 (B) 44 cm
 (C) 120 cm
 (D) Data is insufficient

(Space For Rough Work)

25. On Diwali Festival , Anjali's mother bought 240 candles . She found that $\frac{1}{12}$ of the candles were defective and she did not use them . How many candles did she use ?
 (A) 220 (B) 210
 (C) 200 (D) 240
26. A lever which has a fulcrum in the center is the
 (A) First class lever (B) Second class lever
 (C) Third class lever (D) None
27. Distance between the stars is measured in :
 (A) kilometers.
 (B) meters.
 (C) light years.
 (D) Chandra Shekhar Limit.
28. What force pulls things toward the centre of Earth?
 (A) Friction (B) Gravity
 (C) Magnetism (D) Electricity
29. The motion of the pendulum of a wall clock exhibiting to and fro movement is called
 (A) periodic motion. (B) rotatory motion.
 (C) rectilinear motion. (D) circular motion.
30. A bowl made of metal is
 (A) transparent. (B) opaque.
 (C) translucent. (D) soft.
31. When object changes its position with time it is said to be in the state of
 (A) Rest (B) Motion
 (C) Both of these (D) None of these
32. The length of a tube is 5643 mm. What would be its length when expressed in SI units ?
 (A) 5 m (B) 56 cm
 (C) 5.3 m (D) 5.643 m
33. The planet that is also known as a 'morning star' is :
 (A) Venus. (B) Mercury.
 (C) Pluto. (D) Neptune.
34. Which one of the following does NOT helps to reduce friction ?
 (A) Grease (B) Soapy water
 (C) Oil (D) Roughness
35. Sunlight consists of :
 (A) black colour only. (B) five colours.
 (C) seven colours. (D) blue colour.
36. The part of Earth which contains water is called
 (A) Atmosphere (B) Lithosphere
 (C) Hydrosphere (D) None
37. The envelope of air that surrounds the earth is known as -
 (A) troposphere (B) atmosphere
 (C) exosphere (D) stratosphere
38. Coal is formed from
 (A) rocks (B) mountains
 (C) sand (D) vegetable matter
39. The temperature at which solid converts into liquid is -
 (A) boiling point (B) melting point
 (C) freezing point (D) none of these
40. Condensation is a process when
 (A) a liquid changes into its vapours.
 (B) the vapours change into liquid
 (C) ice melts to form water.
 (D) water freezes to form ice.
41. The layer of atmosphere where airplane flies is
 (A) Stratosphere (B) Ionosphere
 (C) Troposphere (D) None of these
42. We can obtain pure water by -
 (A) Sedimentation (B) Decantation
 (C) Distillation (D) Evaporation
43. Jute crop is cultivated in the season of
 (A) summer. (B) winter.
 (C) spring. (D) rain.
44. The composition of gases other than nitrogen and oxygen in air is
 (A) 10%. (B) 7%.
 (C) 1%. (D) 3%.
45. Which one of the following clothing material or fabric is not obtained either from plants or from animals ?
 (A) Flax (B) Cotton
 (C) Polyester (D) Jute

(Space For Rough Work)

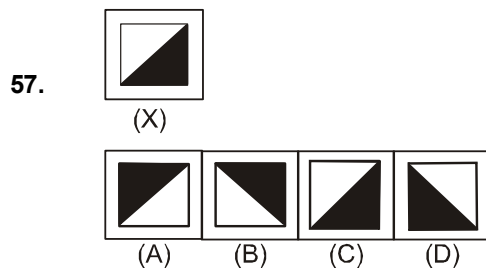
46. The uncommon among the given is
 (A) tiger (B) lion
 (C) jackal (D) bear
47. A seed that has two cotyledom that contains stored food is a -
 (A) dicot seed (B) monocot seed
 (C) double seed (D) None
48. The animal having hollow bones is
 (A) Mammals (B) Birds
 (C) Fish (D) None
49. The joints in our fingers are called
 (A) Hinge joints (B) Gliding joints
 (C) Pivot joints (D) None
50. The plant whose fruit is used as a spice is
 (A) turmeric. (B) chilly.
 (C) cinnamon. (D) ginger.
51. Common cold and flu are caused by
 (A) Bateria (B) Protozoa
 (C) Virus (D) None
52. Seeds will not be produced in a plant if all of its are removed.
 (A) Leaves (B) Branches
 (C) Flowers (D) Roots
53. Herbivorous, Carnivorous and omnivorous organisms are divided according to their eating habits. Which one of the following represents a herbivore ?



54. The process of scattering or spreading of seeds to different places is called
 (A) Roaming (B) Migration
 (C) Dispersion (D) Germination
55. In desert plants like cactus, photosynthesis is carried out by:
 (A) stem. (B) root.
 (C) leaf. (D) flower.

Directions : (56 to 57) In each of the following questions, choose the correct mirror image from alternatives A, B, C, and D of the Word / figure (X).

56. R 4 E 3 N 2 U 
- (A) Ъ Ǝ 4 N 2 U 3 (B) U 2 N 3 Ǝ 4 R
 (C) U Ƨ N Ǝ Ǝ 4 R (D) U Ƨ N 3 Ǝ 4 R



58. How many triangles are there in the following figures ?



- (A) 4 (B) 5
 (C) 6 (D) 7
59. 'Good' is related to 'Bad' in the same way as 'Roof' is related to:
 (A) Wall (B) Pillar
 (C) Terrace (D) Floor

(Space For Rough Work)

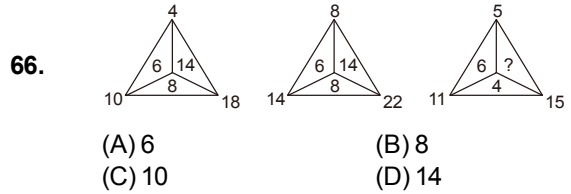
Directions : (60 to 61) In each of the following questions, four words are given, out of which three are same in one way and the fourth one is different from others. Select the odd one.

60. (A) Walk (B) Jump
(C) Run (D) Look
61. (A) Camel (B) Goat
(C) Cow (D) Dog
62. Reena walks East after a while she turns to her left and then turn to her right. Finally she turn to her left. In which direction is she moving now ?
(A) West (B) East
(C) South (D) North
63. **Student** is called **Saint**, **Saint** is called **Thief**, **Thief** is called **Politician**, **Politician** is called **Duffer**, **Duffer** is called **Head**, then tell who does the job of robbery during day and night ?
(A) Saint (B) Thief
(C) Duffer (D) Politician

Directions : (64 & 65) Find the wrong term (s) :

64. 1, 3, 4, 7, 11, 18, 28, 47
(A) 4 (B) 7
(C) 18 (D) 28
65. 2, 5, 9, 11, 14
(A) 2 (B) 5
(C) 9 (D) 11

Direction : (66) Find the missing term in the given figures



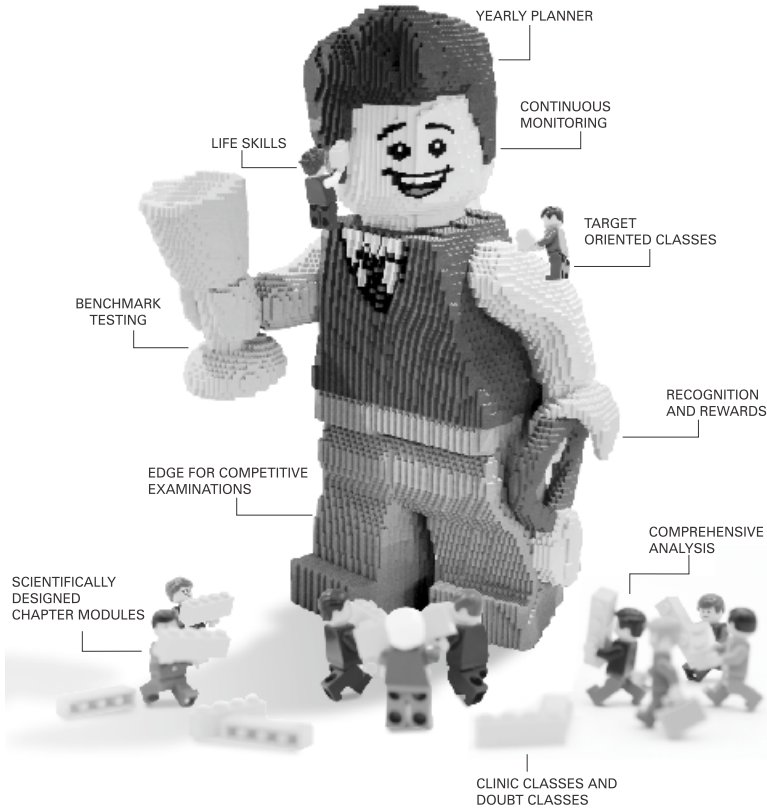
67. What mathematical operation should come at the place of '?' in the equation :
 $2 ? 6 - 12 \div 4 + 2 = 11$
(A) + (B) -
(C) \times (D) \div
68. What is the value of $1260 \div 15 \div 7 = ?$
(A) 12 (B) 58
(C) 122 (D) 588
69. If the following names are arranged alphabetically, which of them will occupy the third position ?
(A) Surendra (B) Sindhu
(C) Shurendra (D) Sadhana
70. Choose the one word which can be formed from the letters of the given word.
RATIONALISATION
(A) NATIONALISTIC (B) NATIONALIST
(C) SITUATION (D) REALISATION

ANSWER KEY

| | | | | | | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ques. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Ans. | B | C | C | A | C | B | B | C | A | D | B | B | B | A | B |
| Ques. | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| Ans. | A | C | D | A | B | D | A | B | B | A | A | C | B | A | B |
| Ques. | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| Ans. | B | D | A | D | C | C | B | D | B | B | A | C | D | C | C |
| Ques. | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| Ans. | D | A | B | A | B | C | C | D | C | A | C | D | A | D | D |
| Ques. | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | | | | | |
| Ans. | D | D | D | D | C | C | C | A | B | B | | | | | |

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