

Reso-NET SAMPLE TEST PAPER

FOR STUDENTS MOVING IN CLASS-VI IN 2019-20

Time : 1½ Hr.

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.

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
 A B C D Light filled

Right Filling

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

Name : _____ Roll No. : _____

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Syllabus of Class-V_Reso NET

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 :

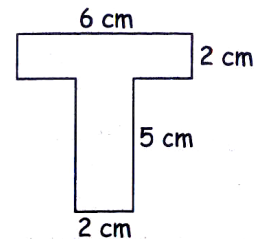
- ❖ Life Style of Animals
- ❖ Reproduction in Plant
- ❖ Nervous System
- ❖ Our Body-A Wonderful Machine
- ❖ Food & Health
- ❖ Safety & First AID

Mental Ability :

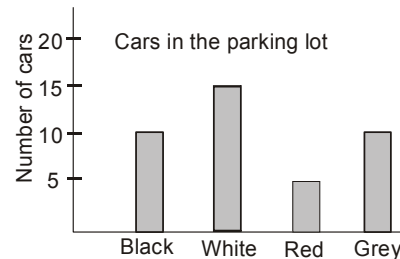
- ❖ Alphabet Test
- ❖ Number series
- ❖ Alphabet Series
- ❖ Missing Term in Figure
- ❖ Mathematical Operations
- ❖ Direction Sense
- ❖ Analogy
- ❖ Classification
- ❖ Water Mirror Image
- ❖ Figure Completion

1. The sum of two numbers is 4482308. If one number is 918695, find the other number.
(A) 3563613 (B) 3553613
(C) 4663613 (D) 5663613
2. LCM of 36 and 72 is
(A) 36 (B) 72
(C) 108 (D) 2
3. By subtracting Rs 97.68 from Rs 114.36, we get
(A) 21.04 (B) 15.68
(C) 16.68 (D) 16.90
4. Add : 13 km 835 m, 9 km 9 m and 21 km 679m
(A) 45 km 414 m (B) 44 km 523 m
(C) 45 km 514 m (D) None of these
5. $1.1 \times .1 \times 0.01 = ?$
(A) 0.011 (B) 0.0011
(C) 0.11 (D) None of these
6. Your school bag can accommodate a total weight of 3500 gm. If the average weight of each book is 25 gm, then the maximum numbers of books that can be kept in your bag is
(A) 140 (B) 87500
(C) 120 (D) 1450
7. 20% of _____ = 10
(A) 500 (B) 50
(C) 200 (D) 100
8. How far can you get away from your little brother with the squirt gun filled with paint if you can travel at 3 m/s and you have 15s before he sees you?
(A) 40 m (B) 50 m
(C) 45 m (D) 55 m
9. What is 378 °F in Celsius approximately
(A) 190 (B) 192
(C) 180 (D) 195

10. Shyam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his total profit?
(A) Rs. 315 (B) Rs. 420
(C) Rs. 21 (D) None of these
11. How many end points does a ray have?
(A) one (B) two
(C) three (D) zero
12. The instrument to measure an angle is
(A) Ruler (B) Protractor
(C) Divider (D) Compass
13. The perimeter of the given figure is



- (A) 20 cm (B) 22 cm
(C) 24 cm (D) 26 cm
14. Using the given bar graph, choose the correct option in the questions given below :



- Which colour is the least colour common among the cars in the parking lot?
(A) black (B) white
(C) red (D) grey

(Space For Rough Work)

15. Ashish had Rs 20 with him. He spent Rs 8 on Monday, got Rs 5 as pocket money on Tuesday, gave Rs. 7 loan to a friend on Wednesday, ate an icecream worth Rs 10 on Thursday, received a reward of Rs 5 from his grandfather on Friday. How much does he have on Sunday, if his friend repays the loan on Saturday?
 (A) Rs 12 (B) Rs 13
 (C) Rs 14 (D) Rs 9
16. Find the L.C.M of 12, 15, & 20.
 (A) 120 (B) 60
 (C) 30 (D) 180
17. If $219 \times 17 = 3723$, then 1.7×21.9 is equal to
 (A) 0.3723 (B) 3.723
 (C) 37.23 (D) 372.3
18. 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.
19. Ritu's school is at a distance of 6 km 530 m from her home. She traveled 1 km 70 m by foot and rest by bus. How much distance did she covered by bus?
 (A) 8.460 km (B) 7.500 km
 (C) 6.490 km (D) 5.460 km
20. The average of first 5 prime numbers and first five multiples of 2 respectively is
 (A) 5.4,6 (B) 5.6, 5
 (C) 5.6,6 (D) 5.4, 5
21. A family spends 30 % of their income on rent. If their total income is Rs18,500. How much is their rent?
 (A) Rs 5550 (B) Rs 5450
 (C) Rs 5555 (D) Rs 5440
22. If a Train is moving at a speed of 90 km/hr. Then how much distance will it cover in 20 mins ?
 (A) 30000 m (B) 40 km
 (C) 20 km (D) 50 km
23. Temperature recorded in the morning was 30°C on 1st of August. But during day time temperature increased by 10°F . Find the temperature during day time in $^{\circ}\text{F}$.
 (A) 94°F (B) 96°F
 (C) 98°F (D) 93°C
24. Kanhaiya bought some potatoes for Rs 148.32 and sold them for Rs . 213.05. How much did he earn ?
 (A) Rs 53.73 (B) Rs 54.78
 (C) Rs 64.73 (D) Rs 55.98
25. If the supplement of an angle is 125° then find its complement?
 (A) 45° (B) 35°
 (C) 25° (D) 65°
26. Distance between the stars is measured in :
 (A) kilometers.
 (B) meters.
 (C) light years.
 (D) Chandra Shekhar Limit.
27. 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
28. The planet that is also known as a 'morning star' is :
 (A) Venus. (B) Mercury.
 (C) Pluto. (D) Neptune.
29. The moon's gravity causes _____ .
 (A) tides (B) phases
 (C) lunar eclipse (D) None of these
30. 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

(Space For Rough Work)

31. A tong is an example of
(A) Pulley (B) Lever
(C) Wedge (D) None of these
32. This is the second planet from the sun and is known as Earth's twin.
(A) Earth (B) Mercury
(C) Mars (D) Venus
33. The Moon is a _____.
(A) dwarf planet
(B) stationary meteor
(C) natural satellite
(D) large asteroid
34. A cubit is the length from the
(A) elbow to the finger tips.
(B) finger tips of the left hand to those of the right hand.
(C) head to the heel.
(D) knee to the heel.
35. Which part of the lever is the part you are trying to move?
(A) load (B) fulcrum
(C) effort (D) None of these
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. The mineral present in limestone is :
(A) copper (B) calcite
(C) gold (D) both (B) and (C)
44. The remains of ancient plants and animals are called:
(A) magma (B) lava
(C) fossils (D) minerals
45. A liquid in which a solid dissolves :
(A) Solution (B) Solute
(C) Solvent (D) All of these
46. The uncommon among the given is
(A) tiger (B) lion
(C) jackal (D) cow
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 thinking part of brain is
(A) Pons (B) Cerebellum
(C) Medulla (D) Cerebrum
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. A crack in a bone :
(A) Fracture (B) Feature
(C) Figure (D) All of these

(Space For Rough Work)

52. Seeds will not be produced in a plant if all of its are removed.
 (A) Leaves (B) Branches
 (C) Flowers (D) Roots
53. The brain is protected by the
 (A) hip girdle (B) rib-cage
 (C) skull (D) backbone
54. Common cold and flu are caused by
 (A) Bateria (B) Protozoa
 (C) Virus (D) None of these
55. The meaning of green light in traffic signals :
 (A) Stop (B) Ready
 (C) Go (D) Move sidewise

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. **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

Direction : (57 to 59) Find the missing term-

57. 2, 5, 10, 17, ?
 (A) 25 (B) 26
 (C) 22 (D) 24
58. V, T, R, ?, N, ?
 (A) P, M (B) O, L
 (C) P, L (D) O, M

59.

B	C	?
O	Q	S
M	P	S

 (A) A (B) D
 (C) G (D) P

60. What mathematical operation should come at the place of '?' in the equation :
 $2 ? 6 - 12 \div 4 + 2 = 11$
 (A) + (B) -
 (C) × (D) ÷



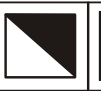


61. Reena walks East after a while she turns to her left and then turn to her right. Finally she turn to her left. In which direction is she moving now ?
 (A) West (B) East
 (C) South (D) North

62. 'Good' is related to 'Bad' in the same way as 'Roof' is related to:
 (A) Wall (B) Pillar
 (C) Terrace (D) Floor

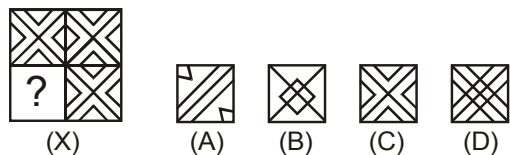
Directions : (63) In each of the following questions, four words are given, out of which three are same in one way and the fourth one is different from others. Select the odd one.

63. (A) Camel (B) Goat
 (C) Cow (D) Dog

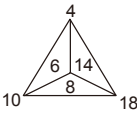
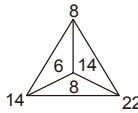
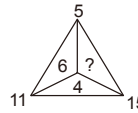
Directions : (64) Find the correct mirror image of the figure given in (X) :

64. 
 (X)
-  (A)  (B)  (C)  (D)

65. Select a figure from the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.



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

66.   
 (A) 6 (B) 8
 (C) 10 (D) 14

(Space For Rough Work)

67. If the following words are arranged in an alphabetical order, which word will appear at third place ?
 (A) Principal (B) Principle
 (C) Principia (D) Principled

Direction : (68 to 69) Find the missing term-

68. 4, 8, 16, ? , 64
 (A) 30 (B) 33
 (C) 32 (D) 35
69. FLP, INS, LPV, ?
 (A) ORX (B) PRY
 (C) ORY (D) OSY
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.	A	B	C	B	B	A	B	C	B	B	A	B	D	C	A
Ques.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	B	C	B	D	C	A	A	B	C	B	C	A	A	A	B
Ques.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	B	D	C	A	A	C	B	D	B	B	A	C	B	C	C
Ques.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	D	A	D	A	B	A	C	C	C	C	D	B	C	B	C
Ques.	61	62	63	64	65	66	67	68	69	70					
Ans.	D	D	D	D	C	C	B	C	C	B					