

Reso-NET SAMPLE TEST PAPER

FOR STUDENTS MOVING IN CLASS-V 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) (C) (D) Tick mark
- (A) (C) (D) Cross mark
- (A) (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 Class-IV_Reso NET

Mathematics :

- ❖ Knowing our Number
- ❖ Operation on Large Numbers
- ❖ Addition and Subtraction
- ❖ Multiplication and Division
- ❖ Factors and Multiples
- ❖ Fractions
- ❖ Decimals
- ❖ Time
- ❖ Money
- ❖ Measurement
- ❖ Geometry
- ❖ Perimeter and Area

Mental Ability :

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

Physics :

- ❖ Force, Work & Energy
- ❖ Our Universe
- ❖ Measurement

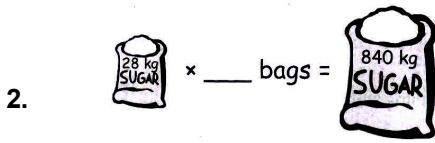
Chemistry :

- ❖ Matter and Materials
- ❖ Clothes
- ❖ Air, Water & Weather

Biology :

- ❖ Living Things and Our Body
- ❖ Food
- ❖ Safety and First Aid
- ❖ Natural Resources

1. The smallest 8 digit number is ___"
 (A) 00000001 (B) 10000000
 (C) 1000011 (D) 12345678

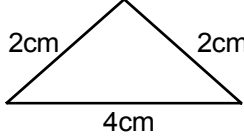


- (A) 30 bags (B) 20 bags
 (C) 10 bags (D) 50 bags
3. Subtract Rs 13845 from Rs 40920
 (A) Rs. 345 (B) Rs. 27970
 (C) Rs. 27075 (D) Rs. 19250
4. Twice a certain number is 42. Six times that number will be:
 (A) 6×42 (B) $6 + 42$
 (C) 3×42 (D) 12×42
5. Find a number which is a multiple of all the numbers from 1 to 10 ?
 (A) 1260 (B) 5040
 (C) 1440 (D) 720
6. The lowest form of $\frac{20}{50}$ is:
 (A) $\frac{1}{5}$ (B) $\frac{1}{2}$
 (C) $\frac{2}{5}$ (D) $\frac{10}{25}$
7. Lakshmi is 150 cm tall. What is her height in metres ?
 (A) 1 metre (B) 1.5 metres
 (C) 15.0 metres (D) 0.15 metres
8. How many weeks are there in 1 year ?
 (A) 55 (B) 52
 (C) 51 (D) 53
9. The total cost of 10 apples at Rs. 5 per apple and 6 oranges at Rs. 2.50 per orange is:
 (A) Rs55 (B) Rs65
 (C) Rs100 (D) Rs125

10. 1 watermelon = 12 apples
 2 apples = 5 guavas
 2 guavas = 50 gm
 1 watermelon =
 (A) 100 g (B) 1500 g
 (C) 750 g (D) 1250 g

11. Choose the correct combination.



- (A) Rectangle and Heptagon
 (B) Square and Heptagon
 (C) Triangle and Square
 (D) Triangle and Rectangle
12. Perimeter of given figure = _____

 (A) 8cm (B) 4cm
 (C) 6cm (D) 10cm
13. The sum of the largest 4-digit number and the smallest 3-digit number is :
 (A) 1999 (B) 10999
 (C) 10099 (D) 9899

Direction: (14) Observe the table below to answer the following question.

| Subject | Number of books |
|----------------|-----------------|
| Maths | 849 |
| English | 738 |
| Hindi | 627 |
| Social Studies | 960 |

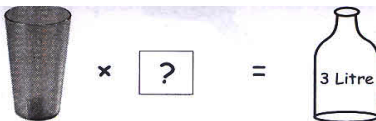
14. If the number of pages in each Maths book is 148, the total number of pages in all the Maths books is:
 (A) 997 (B) 125662
 (C) 125652 (D) 135652

Space For Rough Work

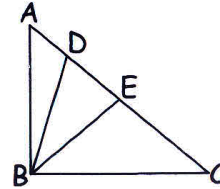
Direction : The image below shows the menu and rate list of a school cafeteria. Use it to answer the following questions (15).

| Items | Price | Items | Price |
|--------------|--------|--------------|--------|
| Chips | Rs. 20 | Chowmin | Rs. 50 |
| Muffin | Rs. 35 | Pasta | Rs. 46 |
| Sandwich | Rs. 18 | Cold Drink | Rs. 15 |
| Rajma Chawal | Rs. 45 | Ice-cream | Rs. 25 |
| Maggi | Rs. 30 | Water bottle | Rs. 15 |

15. Ritika ate a portion of pasta and sandwich but realised she had only Rs. 50 with her. Kritika offered to pay the rest. The money paid by Kritika is :
 (A) Rs 16 (B) Rs. 24
 (C) Rs. 14 (D) Rs. 13
16. There are 36 flowers in a garland. How many flowers are there in 7 garlands ?
 (A) $36 + 7$ (B) $36 - 7$
 (C) $36 / 7$ (D) 36×7
17. How many prime number is even number :
 (A) 1 (B) 2
 (C) 3 (D) None
18. Two fractions are equivalent if their cross multiplications are :
 (A) 1 (B) 0
 (C) equal (D) not equal
19. The place value of 7 in 27.5 is:
 (A) 7 (B) 70
 (C) $\frac{7}{10}$ (D) $\frac{7}{100}$
20. The school assembly was to start at 8 : 30 am but Rahul reached school at 7 : 25 am. He reached before the assembly.
 (A) 55 minutes (B) 1 hr 15 minutes
 (C) 1 hr 5 minutes (D) 1 hr 10 minutes
21. In India, the unit of currency is:
 (A) metre (B) paise
 (C) Rupee (D) none of these

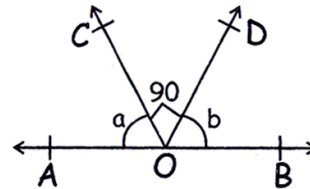
22. 
 200 ml \times ? = 3 Litre
 (A) 15 (B) 6
 (C) 8 (D) 3

23. The number of triangles is.



- (A) 3 (B) 4
 (C) 5 (D) 6

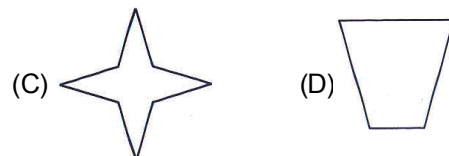
24. See the figure below (4 - 5)



The value of $a + b$ is

- (A) 100° (B) 80°
 (C) 90° (D) none of these

25. Tick the figure in which there are four acute angles.



26. The planet that is also known as a 'morning star' is
 (A) Venus. (B) Mercury.
 (C) Pluto. (D) Neptune.

Space For Rough Work

27. Motion of a bus moving on a straight road is :
 (A) rectilinear motion.
 (B) circular motion.
 (C) oscillatory motion.
 (D) parabolic motion.
28. The closest neighbor of the earth in space is:
 (A) sun (B) Jupiter
 (C) moon (D) mars
29. The first artificial satellite launched by India in 1975 was:
 (A) Sputnik I (B) Aryabhata
 (C) Charaka (D) Insat
30. An eclipse of the moon is called:
 (A) lunar eclipse (B) solar eclipse
 (C) earth eclipse (D) all of these
31. The scientist who studies the origin, structure and composition of the earth is called -
 (A) Geologist (B) Meteorologist
 (C) Astrologist (D) Botanist
32. Sunlight consists of :
 (A) black colour only. (B) five colours.
 (C) seven colours. (D) blue colour.
33. Atmospheric pressure is measured by :
 (A) manometer. (B) thermometer.
 (C) barometer. (D) speedometer
34. Parsec is the unit of :
 (A) Distance (B) Mass
 (C) Time (D) Pressure
35. The first artificial satellite was :
 (A) Rohini (B) Insat B
 (C) Sputnik-1 (D) Bhaskara
36. The content of water vapour in air:-
 (A) varies
 (B) does not vary
 (C) is more as we go up from earth's surface
 (D) None of the above
37. Global warming is caused when air has in excess :
 (A) oxygen (B) water
 (C) carbon-di-oxide (D) NO₂
38. The smell of perfume spreads out by a process known as -
 (A) evaporation (B) diffusion
 (C) condensation (D) fusion
39. Polluted water causes diseases like -
 (A) Cholera (B) Typhoid
 (C) Dysentery (D) All
40. Soil erosion can be prevented by
 (A) strip farming (B) crop rotation
 (C) deforestation (D) both (A) and (B)
41. Which of the following is not soluble in water ?
 (A) Sugar (B) Sand
 (C) Alcohol (D) Common salt
42. The solid which dissolved in a liquid is called
 (A) Solute (B) Solvent
 (C) Soution (D) None of these
43. Common salt can be obtained from sea water by the process of :
 (A) Filtration (B) Sedimentation
 (C) Evaporation (D) All of these
44. Molecules are made up of -
 (A) neutron (B) protons
 (C) electrons (D) atoms
45. Intermolecular space is _____ in solid :
 (A) Maximum (B) Moderate
 (C) Minimum (D) Can't say
46. Which of the following is not an aquatic plant ?
 (A) Duckweed (B) Lotus
 (C) Venus fly trap (D) Hydrilla

Space For Rough Work

47. Which of the following is not an arboreal animal?
 (A) monkey (B) rabbit
 (C) chameleon (D) tree lizard
48. The green colour of the leaves is due to the presence of :
 (A) Stomata (B) Main vein
 (C) chlorophyll (D) Photosynthesis
49. Crops are protected from pests and insects by
 (A) water (B) pesticides
 (C) air (D) proper manuring
50. Kanha National Park is in
 (A) Uttar Pradesh (B) Bihar
 (C) Assam (D) Madhya Pradesh
51. Which of the following is not a correct method of food preservation ?
 (A) boiling
 (B) storing at low temperature
 (C) storing in open containers
 (D) storing in sugar syrup
52. Loss of excess water and salts from body is called
 (A) preservation (B) rehydration
 (C) dehydration (D) fermentation
53. The sticky layer of germs on teeth is called
 (A) plaque (B) stack
 (C) crown (D) enamel
54. Which of the following is non-green plant ?
 (A) Pine (B) Babul
 (C) Coleus (D) Mould
55. Plants which trap and eat insects are called
 (A) aquatic plants (B) mangrove plants
 (C) insectivorous plants (D) None of these
56. Arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.
 1. Select 2. Seldom 3. Send
 4. Selfish 5. Seller
 (A) 1, 2, 4, 5, 3 (B) 2, 1, 5, 4, 3
 (C) 2, 1, 4, 5, 3 (D) 2, 5, 4, 1, 3

Direction (57 to 59) Find the missing term-

57. 0, 6, 24, 60, ?
 (A) 90 (B) 105
 (C) 115 (D) 120

58. Q, N, K, ?, E
 (A) H (B) I
 (C) J (D) G



59.
 (A) Z (B) A
 (C) E (D) F

Direction : In question number 59 to 60, you have been given mathematical expressions where + means \div , - means \times , ? means + and # means -. Simplify the expression and find the value in each case.

60. $12 + 4 - 3 \# 4 ? 2$
 (A) 0 (B) 3
 (C) 4 (D) 7
61. Anil left home and cycled 10 km Southwards, turned right and cycled 5 km & turned right and cycled 10 km and turned left and cycled 10 km. How many kilometres will he have to cycle to reach his home straight ?
 (A) 10 km (B) 15 km
 (C) 20 km (D) 25 km
62. 'Island' is related to 'Ocean' in the same way as 'Star' is related to _____.
 (A) Sky (B) Earth
 (C) Sun (D) Twinkle

Directions : (63) In each of the following questions, there are four choices. Three of them are alike and form a group, while one of them is different. Find the odd-man-out as directed.

63. (A) Wood (B) Brick
 (C) Cement (D) Lime

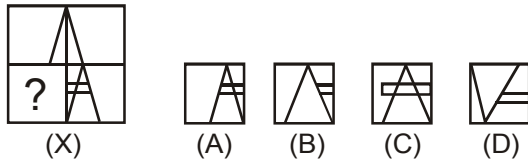
Directions : (64) Find the mirror image.

64. C E
 (A) E C (B) E \cup
 (C) \exists \cup (D) \exists C

Space For Rough Work

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

65.



66. $\begin{matrix} 8 \\ 4 \text{ (25) } 6 \\ 7 \end{matrix}$ $\begin{matrix} 12 \\ 18 \text{ (49) } 9 \\ 10 \end{matrix}$ $\begin{matrix} 11 \\ 13 \text{ (36) } ? \\ 7 \end{matrix}$

(A) 9 (B) 8
(C) 5 (D) 6

67. Which is the 12th letter of the alphabetical series ?

(A) K (B) L
(C) M (D) N

Direction (68 to 69) Find the missing term-

68. 16, 19, 22, 25, ?

(A) 27 (B) 28
(C) 29 (D) 25

69. AB, BA, CD, DC, EF, ?

(A) FE (B) FG
(C) GF (D) HG

70. If the following words are arranged as found in the dictionary, then what will be the fourth letter from the left in the last word ?

**INTIMATION, INFORMATION, INTEREST,
INTERROGATION, INSTIGATION**

(A) R (B) O
(C) T (D) I

ANSWER KEY

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