

Science class-4th

NACT Science Practice Set (100 Questions with Answers)

♦ Section 1: Logical Reasoning (25 Questions)

1. Which one comes next in the pattern:

2, 4, 6, 8, __

a) 10 b) 11 c) 12 d) 9

✓ Answer: a) 10

2. Which figure is different from the rest?

a) Square b) Circle c) Triangle d) Rectangle

✓ Answer: b) Circle

3. What will you find next? A, C, E, G, __

a) I b) H c) J d) K

✓ Answer: a) I

4. Which number completes the series:

5, 10, 15, __

a) 17 b) 20 c) 25 d) 22

✓ Answer: b) 20

5. Complete the pattern: Sun, Moon, Sun, Moon, __

a) Sun b) Star c) Earth d) Moon

✓ Answer: a) Sun

6. If water is to liquid, then ice is to?

a) Solid b) Gas c) Liquid d) Heat

✓ Answer: a) Solid

7. Which is heavier: 1 kg of cotton or 1 kg of iron?

a) Cotton b) Iron c) Both are equal d) Depends on volume

✓ Answer: c) Both are equal

8. Which one is odd?

a) Mango b) Banana c) Apple d)

Potato

✓ Answer: d) Potato

9. Which comes before Friday?

a) Wednesday b) Saturday c) Thursday d) Sunday

✓ Answer: c) Thursday

10. Which number comes next? 3, 6, 9, 12, __

a) 14 b) 15 c) 16 d) 18

✓ Answer: b) 15

11. Find the mirror image of "L".

a) L b) J c) 1 d) 7

✓ Answer: c) 1

12. Which shape has 3 sides?

a) Circle b) Square c) Triangle d) Rectangle

✓ Answer: c) Triangle

13. If 1 pencil costs ₹3, how much do 5 pencils cost?

a) ₹10 b) ₹12 c) ₹15 d) ₹20

✓ Answer: c) ₹15

14. Which is shortest?

a) Giraffe b) Cat c) Horse d) Elephant

✓ Answer: b) Cat

15. What comes after Monday?

a) Sunday b) Tuesday c) Thursday d) Friday

✓ Answer: b) Tuesday

16. What comes next? 2, 4, 8, 16, __

a) 20 b) 24 c) 32 d) 30

✓ Answer: c) 32

17. Which does not belong to the group?

a) Crow b) Sparrow c) Hen d) Bat

✓ Answer: d) Bat

18. What comes next? A, B, C, ____

- a) D b) E c) F d) G

✓ Answer: a) D

19. Which is the opposite of hot?

- a) Warm b) Fire c) Cold d) Heat

✓ Answer: c) Cold

20. If $8 > 5$ and $5 > 2$, then 8 is greater than ____

- a) 2 only b) 5 only c) Both 2 and 5
d) None

✓ Answer: c) Both 2 and 5

21. Find the odd one out: Cow, Dog, Cat, Sun

- a) Cow b) Dog c) Cat d) Sun

✓ Answer: d) Sun

22. Which is smallest?

- a) Ant b) Dog c) Cat d) Elephant

✓ Answer: a) Ant

23. Which is the missing number: 2, 4, 6, __, 10

- a) 7 b) 8 c) 9 d) 12

✓ Answer: b) 8

24. Which object is lightest?

- a) Feather b) Rock c) Iron d) Book

✓ Answer: a) Feather

25. Day is to Sun as Night is to ____

- a) Rain b) Moon c) Cloud d) Water

✓ Answer: b) Moon

26. Which part of the plant makes food?

- a) Root b) Stem c) Leaf d) Flower

✓ Answer: c) Leaf

27. Which planet is known as the Red Planet?

- a) Earth b) Mars c) Venus d) Mercury

✓ Answer: b) Mars

28. Which gas is essential for breathing?

- a) CO_2 b) Oxygen c) Nitrogen d) Hydrogen

✓ Answer: b) Oxygen

29. Which organ pumps blood?

- a) Brain b) Kidney c) Heart d) Liver

✓ Answer: c) Heart

30. Which is a solid?

- a) Milk b) Ice c) Water d) Air

✓ Answer: b) Ice

31. What causes day and night?

- a) Rotation of Earth b) Revolution of Earth c) Moonlight d) Sunlight

✓ Answer: a) Rotation of Earth

32. Which is a natural source of light?

- a) Bulb b) Torch c) Sun d) Candle

✓ Answer: c) Sun

33. Which animal lays eggs?

- a) Cow b) Dog c) Hen d) Cat

✓ Answer: c) Hen

34. Which sense organ helps us hear?

- a) Ear b) Eye c) Nose d) Skin

✓ Answer: a) Ear

35. Young one of frog is?

- a) Chick b) Calf c) Tadpole d) Puppy

✓ Answer: c) Tadpole

36. Which planet is closest to the Sun?

- a) Mercury b) Venus c) Earth d) Jupiter

✓ Answer: a) Mercury

37. Which part of plant absorbs water?

- a) Root b) Stem c) Leaf d) Flower

✓ Answer: a) Root

38. Which star gives us light and heat?

- a) Moon b) Sun c) Pole Star d) Earth

✓ Answer: b) Sun

39. Insects breathe through?

- a) Nose b) Lungs c) Spiracles d) Gills

✓ Answer: c) Spiracles

40. Which is NOT a planet?

- a) Mars b) Jupiter c) Sun d) Earth

✓ Answer: c) Sun

41. Which bird cannot fly?

- a) Sparrow b) Crow c) Ostrich d) Pigeon

✓ Answer: c) Ostrich

42. Which is the fastest land animal?

- a) Lion b) Tiger c) Cheetah d) Horse

✓ Answer: c) Cheetah

43. Which gas do plants give out in photosynthesis?

- a) CO₂ b) O₂ c) N₂ d) H₂

✓ Answer: b) O₂

44. Which blood carries oxygen?

- a) Red blood cells b) White blood cells c) Plasma d) Platelets

✓ Answer: a) Red blood cells

45. Which organ controls the body?

- a) Heart b) Brain c) Kidney d)

Liver

✓ Answer: b) Brain

46. Which is a reptile?

- a) Snake b) Cow c) Cat d) Hen

✓ Answer: a) Snake

47. Which animal gives us wool?

- a) Cow b) Goat c) Sheep d) Horse

✓ Answer: c) Sheep

48. Which sense organ helps us taste?

- a) Tongue b) Nose c) Ear d) Eye

✓ Answer: a) Tongue

49. Which gas is used by plants at night?

- a) Oxygen b) Carbon dioxide c) Hydrogen d) Nitrogen

✓ Answer: a) Oxygen

50. Which liquid is called universal solvent?

- a) Oil b) Water c) Milk d) Petrol

✓ Answer: b) Water

♦ Section 3: Everyday Science (25 Questions)

51. We boil water to:

- a) Kill germs b) Freeze it c) Make it dirty d) Cool it

✓ Answer: a) Kill germs

52. Why wear cotton in summer?

- a) Stay warm b) Absorb sweat c) Avoid cold d) Look smart

✓ Answer: b) Absorb sweat

53. Which object floats on water?

- a) Stone b) Iron c) Wood d) Glass

✓ Answer: c) Wood

54. Thermometer measures:

- a) Weight b) Height c)

Temperature d) Distance

✓ Answer: c) Temperature

55. Which is man-made?

a) River b) Tree c) Pencil d) Mountain

✓ Answer: c) Pencil

56. Water is stored in:

a) Dam b) Glass c) Bucket d) All of these

✓ Answer: d) All of these

57. Shadows are ___ when sun shines.

a) Visible b) Hidden c) Hot d) Cold

✓ Answer: a) Visible

58. Why vehicles use fuel?

a) To move b) To stop c) To cool d) To make sound

✓ Answer: a) To move

59. Ice left outside freezer?

a) Melts b) Freezes more c) Shines d) Breaks

✓ Answer: a) Melts

60. What cleans the air?

a) Plants b) Plastic c) Houses d) Roads

✓ Answer: a) Plants

61. We use a clock to measure?

a) Distance b) Time c) Speed d) Height

✓ Answer: b) Time

62. Which needs petrol?

a) Bus b) Horse c) Bicycle d) Donkey

✓ Answer: a) Bus

63. Fan works on?

a) Electricity b) Water c) Oil d)

Wood

✓ Answer: a) Electricity

64. Which one gives us milk?

a) Cow b) Hen c) Dog d) Cat

✓ Answer: a) Cow

65. Which is used to cut paper?

a) Knife b) Scissors c) Spoon d) Fork

✓ Answer: b) Scissors

66. Which travels faster?

a) Light b) Sound c) Water d) Air

✓ Answer: a) Light

67. Which is a fuel?

a) Coal b) Stone c) Wood d) Both a & c

✓ Answer: d) Both a & c

68. Which food is rich in protein?

a) Rice b) Fish c) Sugar d) Oil

✓ Answer: b) Fish

69. Rainwater is collected in?

a) Tanks b) Fields c) Rivers d) All

✓ Answer: d) All

70. Which gives energy?

a) Vitamins b) Carbohydrates c) Water d) Minerals

✓ Answer: b) Carbohydrates

71. We keep food in refrigerator to?

a) Heat it b) Spoil it c) Keep fresh d) Dry it

✓ Answer: c) Keep fresh

72. Which of these can fly?

a) Dog b) Cat c) Crow d) Cow

✓ Answer: c) Crow

73. Which thing works on battery?

- a) Fan b) Torch c) Stove d) Gas

✓ Answer: b) Torch

74. Which one is soft?

- a) Rock b) Pillow c) Iron d) Wood

✓ Answer: b) Pillow

75. Which keeps us warm in winter?

- a) Cotton b) Wool c) Nylon d) Silk

✓ Answer: b) Wool

♦ Section 4: Achievers Section (HOTS) (25 Questions)

76. If no plants exist, what happens?

- a) More oxygen b) Lack of oxygen
c) More animals d) More CO₂

✓ Answer: b) Lack of oxygen

77. Why not touch switches with wet hands?

- a) Fun b) Risk of electric shock c) Switch breaks
d) Water is hot

✓ Answer: b) Risk of electric shock

78. Black smoke from factory shows?

- a) Pollution b) Noise c) Clean air
d) Rain

✓ Answer: a) Pollution

79. If no gravity, what happens?

- a) We float b) We sleep c) We run faster
d) We get heavy

✓ Answer: a) We float

80. If ice melts, what happens?

- a) Sea level rises b) Temp drops c) No change
d) Water dries up

✓ Answer: a) Sea level rises

81. Best way to save electricity?

- a) Switch off appliances not in use
b) Keep lights on c) Use fans always
d) Use heaters in summer

✓ Answer: a) Switch off appliances not in use

82. Rahul watered a plant; it grew. This shows?

- a) Trees sleep b) Water helps growth
c) Plants eat food d) Don't grow

✓ Answer: b) Water helps growth

83. Magnet attracts?

- a) Wood b) Paper c) Glass d) Iron

✓ Answer: d) Iron

84. Why astronauts wear suits?

- a) For survival b) For fun c) For photos
d) For style

✓ Answer: a) For survival

85. How reduce plastic waste?

- a) Reuse & recycle b) Burn plastic
c) Throw everywhere d) Use more plastic

✓ Answer: a) Reuse & recycle

86. If Sun disappears, what happens?

- a) No light b) Cold & dark c) Life ends
d) All of these

✓ Answer: d) All of these

87. Why save trees?

- a) For oxygen b) For paper c) For shade
d) All of these

✓ Answer: d) All of these

88. If Earth stops rotating?

- a) No day-night cycle b) Earth freezes
c) No seasons d) All

✓ Answer: a) No day-night cycle

89. Which spreads diseases?

- a) Housefly b) Butterfly c) Bee d) Ant

✓ Answer: a) Housefly

90. Why wear helmet?

- a) For style b) Protect head c) To drive fast d) Fun

✓ Answer: b) Protect head

91. Which is renewable?

- a) Coal b) Oil c) Sunlight d) Gas

✓ Answer: c) Sunlight

92. Why drink boiled water?

- a) Better taste b) Remove germs c) Cold effect d) Colour changes

✓ Answer: b) Remove germs

93. Which is biodegradable?

- a) Plastic b) Leaves c) Bottle d) Glass

✓ Answer: b) Leaves

94. Which is non-renewable?

- a) Coal b) Wind c) Sunlight d) Water

✓ Answer: a) Coal

95. Why switch off tap?

- a) Save water b) Noise c) Fun d) Break tap

✓ Answer: a) Save water

96. Which saves petrol?

- a) Walk b) Cycle c) Carpool d) All of these

✓ Answer: d) All of these

97. Why keep surrounding clean?

- a) For health b) For beauty c) For respect d) All

✓ Answer: d) All

98. What happens if ozone layer destroyed?

- a) More UV rays b) Skin diseases c) Earth warms d) All

✓ Answer: d) All

99. Why should we recycle paper?

- a) Save trees b) Reduce waste c) Save energy d) All

✓ Answer: d) All

100. Why should we plant more trees?

- a) More oxygen b) Shade c) Reduce pollution d) All

✓ Answer: d) All

