### Science class-3<sup>rd</sup>

# NACT Science Practice Set (100 Questions with Answers)

#### **Section 1: Logical Reasoning (25 Questions)**

Which one is odd in the group?
 A. Mango B. Apple C. Banana D. Potato
 Answer: D. Potato

What comes next in the pattern? 2, 4, 6, 8, \_\_A. 9 B. 10 C. 11 D. 12Answer: B. 10

3. Find the mirror image of the letter "L".

A. L B. J C. 7 D. J **Answer: D.** J

4. Which shape has 3 sides?

A. Circle B. Square C. Triangle D. Rectangle

Answer: C. Triangle

5. Which does not belong to the group?
A. Sparrow B. Crow C. Hen D. Bat

Answer: D. Bat

6. Choose the correct pattern: Circle, Square, Circle, Square, —

A. Triangle B. Square C. Circle D. Rectangle

**Answer: C. Circle** 

7. Which is the shortest?
A. Giraffe B. Elephant C. Cat D. Horse
Answer: C. Cat

If an object floats in water, it is probably:
 A. Heavy B. Sharp C. Light D. Round
 Answer: C. Light

9. Which of these is used to measure time?A. Thermometer B. Clock C. Weighing scaleD. Compass

Answer: B. Clock

10. What comes between nose and chin on the face?

A. Ears B. Mouth C. Eyes D. Forehead **Answer: B. Mouth** 

11. Which comes next in the series: 5, 10, 15, \_\_?
A. 18 B. 20 C. 22 D. 25
Answer: B. 20

12. Which is different: Pen, Pencil, Eraser, Spoon?A. Pen B. Pencil C. Eraser D. SpoonAnswer: D. Spoon

13. Which number is odd? 8, 10, 12, 15 A. 8 B. 10 C. 12 D. 15

Answer: D. 15

14. Which figure comes next? • • • • • \_

A. ◆ B. ▲ C. ■ D. ■

Answer: A. ◆

15. If 2 + 2 = 4, then 2 × 2 = ? A. 2 B. 4 C. 6 D. 8

Answer: B. 4

16. Which is the odd one out: Dog, Cat, Cow, Rose?A. Dog B. Cat C. Cow D. RoseAnswer: D. Rose

17. Day is to Sun as Night is to \_\_\_
A. Moon B. Rain C. Cloud D. Light
Answer: A. Moon

18. Which is lighter?

A. Feather B. Book C. Bag D. Shoe

Answer: A. Feather

19. Find the next number: 3, 6, 9, 12, \_\_\_
A. 13 B. 14 C. 15 D. 16
Answer: C. 15

20. Which shape has no corners?

A. Square B. Triangle C. Circle D. Rectangle

Answer: C. Circle

21. Which one is different? Cow, Goat, Horse,
Mango
A. Cow B. Goat C. Horse D. Mango

Answer: D. Mango

22. What comes after Wednesday?A. Tuesday B. Friday C. Thursday D. SaturdayAnswer: C. Thursday

23. Odd one out: 12, 14, 16, 17, 18
A. 14 B. 16 C. 17 D. 18
Answer: C. 17

24. Which of these is smallest?
A. Elephant B. Cat C. Ant D. Dog
Answer: C. Ant

25. Which number is missing? 27, 36, \_\_, 54, 63
A. 45 B. 40 C. 48 D. 50

Answer: C. 48



- 26. Which organ helps us to breathe?A. Heart B. Lungs C. Brain D. StomachAnswer: B. Lungs
- 27. Which part of the plant prepares food?
  A. Root B. Stem C. Leaf D. Flower
  Answer: C. Leaf
- 28. Which of these is not a sense organ?

  A. Eyes B. Nose C. Mouth D. Ears

  Answer: C. Mouth
- 29. Water turns into ice when we:A. Heat it B. Cool it C. Mix it D. Shake itAnswer: B. Cool it
- 30. Which planet is known as the "Red Planet"?

  A. Earth B. Jupiter C. Mars D. Venus

  Answer: C. Mars
- 31. Which part of the body helps us to taste food?
  A. Tongue B. Skin C. Teeth D. Nose
  Answer: A. Tongue
- 32. Which object gives light and heat?

  A. Moon B. Bulb C. Sun D. Star

  Answer: C. Sun
- 33. A house made of ice is called a:
  A. Cottage B. Tent C. Igloo D. Hut
  Answer: C. Igloo
- 34. Which one is a herbivore?A. Lion B. Tiger C. Cow D. DogAnswer: C. Cow
- 35. Which part of the plant is under the ground?A. Leaf B. Stem C. Flower D. RootAnswer: D. Root
- 36. Which organ pumps blood?A. Brain B. Heart C. Stomach D. LiverAnswer: B. Heart
- 37. Which is the largest planet in our solar system?A. Mars B. Saturn C. Jupiter D. EarthAnswer: C. Jupiter
- 38. Which star is closest to Earth?
  A. Moon B. Sun C. Mars D. Venus
  Answer: B. Sun

Answer: B. Oxygen

39. Which gas do plants give out during photosynthesis?A. Carbon dioxide B. Oxygen C. Nitrogen D. Helium

- 40. Which is the hardest natural substance?A. Gold B. Diamond C. Silver D. IronAnswer: B. Diamond
- 41. Which insect makes honey?A. Ant B. Fly C. Honeybee D. MosquitoAnswer: C. Honeybee
- 42. Which part of the plant absorbs water?
  A. Leaf B. Root C. Flower D. Stem
  Answer: B. Root
- 43. Which planet has rings?

  A. Jupiter B. Saturn C. Earth D. Venus

  Answer: B. Saturn
- 44. Which sense organ helps us to hear?

  A. Eye B. Ear C. Nose D. Tongue

  Answer: B. Ear
- 45. Which animal is called the "Ship of Desert"?

  A. Horse B. Camel C. Donkey D. Ox

  Answer: B. Camel
- A. Oil B. Water C. Juice D. Milk

  Answer: B. Water
- 47. Which bird can swim but cannot fly?
  A. Hen B. Penguin C. Crow D. Parrot

  Answer: B. Penguin
- 48. Which organ controls the whole body?

  A. Brain B. Heart C. Stomach D. Lungs

  Answer: A. Brain
- 49. Which planet is called the "Blue Planet"?

  A. Mars B. Earth C. Venus D. Neptune

  Answer: B. Earth
- 50. Which is the largest organ of the human body?

  A. Liver B. Heart C. Skin D. Lungs

  Answer: C. Skin

#### Section 3: Everyday Science (25 Questions)

- 51. What should we wear during the rainy season?A. Woolen clothes B. Cotton clothes C.Raincoat D. Silk clothesAnswer: C. Raincoat
- 52. What happens if you forget to brush your teeth?A. Teeth get cleaner B. Teeth get dirty and decayed C. Teeth shine D. Teeth fall off

instantly

Answer: B. Teeth get dirty and decayed

53. Which is the best way to save water?A. Keep the tap running B. Use a bucket for bathing C. Wash car with hose D. Spill drinking water

Answer: B. Use a bucket for bathing

54. Why do we wear cotton clothes in summer?
A. They are colorful B. They are expensive C.
They absorb sweat D. They make us cold
Answer: C. They absorb sweat

55. Which is a non-living thing?A. Bird B. Tree C. Fish D. ChairAnswer: D. Chair

56. Which food item helps build strong bones?

A. Ice cream B. Chips C. Milk D. Chocolate

Answer: C. Milk

57. Which of these uses solar energy?

A. Gas stove B. Electric heater C. Solar cooker
D. Candle

58. Why do we boil water before drinking?

A. For taste B. For fun C. To remove germs

D. To make it heavy

Answer: C. To remove germs

Answer: C. Solar cooker

59. Which action will keep you healthy?A. Eating junk food B. Playing video games all day C. Washing hands before eating D. Sleeping very late

Answer: C. Washing hands before eating

60. What should we do with garbage?A. Throw anywhere B. Burn it C. Recycle and compost it D. Hide itAnswer: C. Recycle and compost it

61. Which vehicle causes less pollution?

A. Bicycle B. Car C. Truck D. Bus

Answer: A. Bicycle

62. Why should we close the tap after use?A. To save money B. To save water C. To make noise D. To fill bucket

Answer: B. To save water

63. Which keeps us warm in winter?

A. Cotton clothes B. Woolen clothes C. Silk clothes D. Plastic

Answer: B. Woolen clothes

64. Which of these is harmful for health?

A. Fruits B. Vegetables C. Junk food D. Milk

Answer: C. Junk food

65. Which lamp saves electricity?A. CFL B. Candle C. Oil lamp D. TorchAnswer: A. CFL

66. Why should we eat green vegetables?A. For fun B. They are healthy C. They are costly D. They are colorfulAnswer: B. They are healthy

67. Which habit is good for eyes?

A. Watching TV too close B. Reading in dim light C. Taking breaks while reading D. Playing video games all night

Answer: C. Taking breaks while reading

68. Which food gives us energy?
A. Rice B. Salt C. Oil D. Sugar
Answer: A. Rice

69. What should we do when sneezing?

A. Cover mouth B. Shout C. Close eyes D. Look up

Answer: A. Cover mouth

70. Which of these is a clean fuel?
A. Petrol B. Diesel C. CNG D. Kerosene
Answer: C. CNG

71. Why should we plant trees?

A. For shade B. For fruits C. For oxygen D.

All of these

Answer: D. All of these

72. Which of these helps to cross a busy road safely?A. Playground B. Zebra crossing C. HighwayD. Bridge

Answer: B. Zebra crossing

73. Which part of the day is hottest?

A. Morning B. Noon C. Evening D. Night

Answer: B. Noon

74. Which of these is not safe in a thunderstorm?
 A. Standing under tree B. Staying indoors C.
 Closing windows D. Switching off TV
 Answer: A. Standing under tree

75. Why do we wash fruits before eating?

A. To make them shiny B. To remove germs and dirt C. To make them cold D. To change taste

Answer: B. To remove germs and dirt

## Section 4: Achievers – HOTS (25 Questions)

76. Why do birds fly but humans can't?A. Birds are lighter and have wings B. Birds eat more C. Humans don't try enough D. Humans have more bones

Answer: A. Birds are lighter and have wings

77. A camel can live in the desert because:
A. It drinks salt water B. It eats dry leaves only
C. It stores water in its body D. It flies away
Answer: C. It stores water in its body

78. What will happen if all trees are cut down?

A. Nothing B. More air C. No oxygen and less rainfall D. It will rain more

Answer: C. No oxygen and less rainfall

79. If we see smoke coming from the kitchen, what should we do first?

A. Run outside B. Call for help C. Drink water D. Start cooking

Answer: B. Call for help

80. Why do we not use plastic bags in nature parks?

A. Because they are small B. Because they are colorful C. Because they harm animals and soil D. Because they fly

Answer: C. Because they harm animals and soil

81. What is common in all living things?A. They can move B. They breathe and growC. They are green D. They have rootsAnswer: B. They breathe and grow

82. Which of these is not a good conductor of heat?A. Metal B. Plastic C. Iron D. CopperAnswer: B. Plastic

83. A glass bottle filled with water breaks in the freezer. Why?

A. Water disappears B. Bottle becomes hot C. Water expands when frozen D. Ice makes sound

Answer: C. Water expands when frozen

84. How do astronauts breathe in space?A. With oxygen tanks B. Using air in space C. Without air D. By holding breathAnswer: A. With oxygen tanks

85. Why do shadows form?A. Because of sunlight and opaque object B.Because of cold air C. Due to moonlight D.

Because the object is black

Answer: A. Because of sunlight and opaque object

86. Why do fish live in water?A. They have fins and gills B. They like waterC. They cannot fly D. They have tailsAnswer: A. They have fins and gills

87. Why does the Moon shine?A. It has fire B. It reflects sunlight C. It glows on its own D. It has lampsAnswer: B. It reflects sunlight

88. Why do we not drink sea water?

A. It is sweet B. It is salty C. It is blue D. It is heavy

Answer: B. It is salty

89. Which animal lays eggs?

A. Cow B. Dog C. Hen D. Cat

Answer: C. Hen

90. Why do we wear helmets while riding?
A. To look nice
B. To cover hair C. For safety
D. For fashion

Answer: C. For safety

91. Why do leaves look green?

A. Because of sunlight B. Because of water C.

Because of chlorophyll D. Because of dust

Answer: C. Because of chlorophyll

92. Why do we see lightning before thunder?A. Because sound is faster than light B. Because light is faster than sound C. Because thunder is closer D. Because sky is clear

Answer: B. Because light is faster than sound

93. Why should we not stare at the Sun?A. It is far B. It is hot C. It can damage eyesD. It is round

Answer: C. It can damage eyes

94. Why do stars look small?A. They are small B. They are far away C. They are cold D. They move fastAnswer: B. They are far away

95. Why do ice cubes melt faster in summer?A. Because of hot air B. Because of cold air C.Because of rain D. Because of fridge

Answer: A. Because of hot air

96. Why do plants bend towards light?A. To look pretty B. For food making C. For

shade D. For air

Answer: B. For food making

97. Why does a rainbow form after rain?A. Sunlight passes through raindrops B. Clouds make it C. Air makes it D. Trees reflect itAnswer: A. Sunlight passes through raindrops

98. Which force pulls objects towards Earth?A. Push B. Magnetism C. Gravity D. PressureAnswer: C. Gravity

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99. Why do bees visit flowers?

A. For water B. For nectar C. For pollen D.

For leaves

Answer: B. For nectar

100. Why do we see our reflection in a mirror?

A. Mirror has light B. Mirror is shiny and reflects light C. Mirror is colorful D. Mirror is

Answer: B. Mirror is shiny and reflects light

