

100+ General Science MCQs for NDA

By [Defence Maniac](#) | [Join Telegram](#) | [Follow on Insta](#)

1. The chemical name of common salt is:
 - a) Sodium chloride
 - b) Sodium carbonate
 - c) Sodium nitrate
 - d) Sodium bicarbonate
2. The process of conversion of a solid directly into a gas is called:
 - a) Sublimation
 - b) Condensation
 - c) Evaporation
 - d) Melting
3. The unit of electric current is:
 - a) Ampere
 - b) Volt
 - c) Watt
 - d) Ohm
4. The process of separating different components of a liquid mixture by boiling and condensing is called:
 - a) Filtration
 - b) Distillation
 - c) Evaporation
 - d) Decantation
5. Which gas is most abundant in the Earth's atmosphere?
 - a) Nitrogen
 - b) Oxygen
 - c) Carbon dioxide
 - d) Hydrogen
6. What is the chemical formula for water?
 - a) H₂O
 - b) CO₂
 - c) NaCl
 - d) HCl
7. Which of the following is an example of a renewable energy source?

- a) Coal¹
 - b) Natural gas
 - c) Solar power
 - d) Petroleum
8. What is the SI unit of force?
- a) Newton
 - b) Joule
 - c) Pascal
 - d) Watt
9. The process by which plants make their own food using sunlight is called:
- a) Photosynthesis
 - b) Respiration
 - c) Fermentation
 - d) Transpiration
10. The human body's main source of energy is derived from the metabolism of:
- a) Carbohydrates
 - b) Proteins
 - c) Fats
 - d) Vitamins
11. Which of the following is an example of a mammal?
- a) Turtle
 - b) Eagle
 - c) Shark
 - d) Lion
12. What is the chemical symbol for iron?
- a) Fe
 - b) Ag
 - c) Pb
 - d) Cu
13. What is the primary function of the kidneys in the human body?
- a) Production of bile
 - b) Production of insulin
 - c) Filtration of blood
 - d) Production of red blood cells
14. What is the main component of the Earth's core?
- a) Iron

¹ Provided by: defencemaniac.com

- b) Silicon
- c) Oxygen
- d) Hydrogen

15. What is the chemical formula for table sugar?

- a) C₆H₁₂O₆
- b) NaCl
- c) CO₂
- d) H₂O

16. Which of the following is a greenhouse gas?

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

17. What is the largest organ in the human body?

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

18. What is the process by which plants release water vapor into the atmosphere?

- a) Transpiration
- b) Respiration
- c) Photosynthesis
- d) Evaporation

19. What is the chemical symbol for gold?

- a) Au
- b) Ag
- c) Pt
- d) Cu

20. Which of the following is a primary color of light?

- a) Red
- b) Green
- c) Yellow
- d) Purple

21. What is the function of the ozone layer in the Earth's atmosphere?

- a) It protects the Earth from ultraviolet radiation
- b) It regulates the Earth's temperature
- c) It produces oxygen for plants

d) It filters pollutants from the air

22. What is the smallest unit of an element that retains its chemical properties?

- a) Atom
- b) Molecule
- c) Cell
- d) Ion

23. What is the chemical symbol for helium?

- a) He
- b) H
- c) O
- d) C

24. Which of the following is an example of a non-metal?

- a) Iron
- b) Copper
- c) Aluminum
- d) Oxygen

25. What is the process by which plants convert sunlight into chemical energy?

- a) Photosynthesis
- b) Respiration
- c) Fermentation
- d) Transpiration

26. What is the pH of a neutral substance?

- a) 7
- b) 1
- c) 14
- d) 0

27. Which of the following is an example of a simple machine?

- a) Screw
- b) Battery
- c) Motor
- d) Computer

28. What is the largest planet in our solar system?

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

29. What is the primary function of the respiratory system?
- a) Pumping blood²
 - b) Digesting food
 - c) Exchanging gases
 - d) Fighting infection
30. What is the chemical symbol for sodium?
- a) Na
 - b) Ni
 - c) Sn
 - d) Ne
31. What is the process by which a solid changes directly into a gas without becoming a liquid?
- a) Sublimation
 - b) Condensation
 - c) Evaporation
 - d) Melting
32. Which of the following is an example of a conductor of electricity?
- a) Plastic
 - b) Wood
 - c) Copper
 - d) Rubber
33. What is the main function of white blood cells in the human body?
- a) Carrying oxygen
 - b) Fighting infection
 - c) Producing hormones
 - d) Breaking down food
34. Which of the following is an example of fossil fuel?
- a) Natural gas
 - b) Solar power
 - c) Wind energy
 - d) Hydroelectric power
35. What is the chemical formula for carbon dioxide?
- a) CO₂
 - b) H₂O
 - c) NaCl
 - d) C₆H₁₂O₆
36. What is the SI unit of pressure?

² Provided by: defencemaniac.com

- a) Pascal
- b) Newton
- c) Ampere
- d) Joule

37. What is the main component of the Earth's atmosphere?

- a) Nitrogen
- b) Oxygen
- c) Carbon dioxide
- d) Water vapour

38. What is the function of the red blood cells in the human body?

- a) Carrying oxygen
- b) Fighting infection
- c) Breaking down food
- d) Producing hormones

39. Which of the following is a renewable source of energy?

- a) Coal
- b) Natural gas
- c) Solar power
- d) Petroleum

40. What is the chemical symbol for silver?

- a) Ag
- b) Au
- c) Pt
- d) Cu

41. What is the process by which liquid water changes into water vapor?

- a) Evaporation
- b) Condensation
- c) Sublimation

d) Melting

42. Which of the following is an example of an insulator of electricity?

- a) Copper
- b) Aluminum
- c) Plastic
- d) Glass

43. What is the main function of the circulatory system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Fighting infection

44. What is the chemical symbol for oxygen?

- a) O
- b) H
- c) He
- d) C

45. Which of the following is an example of a metal?

- a) Carbon
- b) Oxygen
- c) Iron
- d) Nitrogen

46. What is the primary function of the digestive system in the human body?

- a) Pumping blood
- b) Exchanging gases
- c) Breaking down food
- d) Fighting infection

47. What is the chemical symbol for potassium?

- a) K
- b) Na
- c) Ca
- d) Mg

48. Which of the following is an example of a heterogeneous mixture?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

49. What is the process by which an organism produces offspring similar to itself?

- a) Reproduction
- b) Respiration
- c) Photosynthesis
- d) Digestion

50. What is the main component of the Earth's crust?

- a) Silicon
- b) Iron

- c) Oxygen
- d) Hydrogen

51. Which of the following is an example of a compound?

- a) Oxygen
- b) Iron
- c) Water
- d) Helium

52. What is the function of the mitochondria in a cell?

- a) Producing energy
- b) Controlling cell division
- c) Carrying genetic information
- d) Synthesizing proteins

53. What is the chemical symbol for nitrogen?

- a) N
- b) H
- c) He
- d) O

54. Which of the following is an example of a vertebrate?

- a) Frog
- b) Butterfly
- c) Spider
- d) Worm

55. What is the primary function of the nervous system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Transmitting signals

56. What is the chemical symbol for carbon?

- a) C
- b) O
- c) H
- d) N

57. Which of the following is an example of a homogeneous mixture?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

58. What is the process by which plants and animals release energy from food?

- a) Respiration³
- b) Reproduction
- c) Photosynthesis
- d) Digestion

59. What is the function of the cell membrane?

- a) Protecting the cell
- b) Controlling cell division
- c) Carrying genetic information
- d) Synthesizing proteins

60. What is the chemical symbol for hydrogen?

- a) H
- b) O
- c) He
- d) C

61. Which of the following is an example of an invertebrate?

- a) Frog
- b) Butterfly
- c) Spider
- d) Fish

62. What is the primary function of the skeletal system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Providing support

63. What is the chemical symbol for calcium?

- a) Ca
- b) Na
- c) K
- d) Mg

64. Which of the following is an example of a solution?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

³ Provided by: defencemaniac.com

65. What is the process by which plants and animals exchange gases with the environment?

- a) Respiration
- b) Reproduction
- c) Photosynthesis
- d) Digestion

66. What is the function of the nucleus in a cell?

- a) Controlling cell division
- b) Producing energy
- c) Carrying genetic information
- d) Synthesizing proteins

67. What is the chemical symbol for oxygen?

- a) O
- b) H
- c) He
- d) C

68. Which of the following is an example of an arthropod?

- a) Frog
- b) Butterfly
- c) Spider
- d) Fish

69. What is the primary function of the muscular system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Producing movement

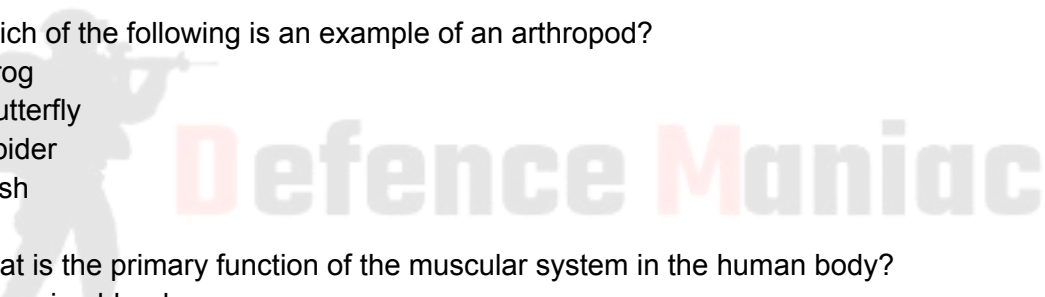
70. What is the chemical symbol for potassium?

- a) K
- b) Na
- c) Ca
- d) Mg

71. Which of the following is an example of a suspension?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

72. What is the process by which organisms produce offspring that are different from themselves?



- a) Reproduction
- b) Respiration
- c) Photosynthesis
- d) Digestion

73. What is the main component of the Earth's atmosphere?

- a) Nitrogen
- b) Oxygen
- c) Carbon dioxide
- d) Water vapor

74. What is the chemical symbol for silver?

- a) Ag
- b) Au
- c) Pt
- d) Cu

75. Which of the following is an example of a metalloid?

- a) Silicon
- b) Oxygen
- c) Iron
- d) Nitrogen

76. What is the primary function of the respiratory system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Fighting infection

77. What is the chemical symbol for potassium?

- a) K
- b) Na
- c) Ca
- d) Mg

78. Which of the following is an example of a heterogeneous mixture?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

79. What is the process by which an organism produces offspring similar to itself?

- a) Reproduction
- b) Respiration

- c) Photosynthesis
- d) Digestion

80. What is the main component of the Earth's crust?

- a) Silicon
- b) Iron
- c) Oxygen
- d) Hydrogen

81. Which of the following is an example of a compound?

- a) Oxygen
- b) Iron
- c) Water
- d) Helium

82. What is the function of the mitochondria in a cell?

- a) Producing energy
- b) Controlling cell division
- c) Carrying genetic information
- d) Synthesizing proteins

83. What is the chemical symbol for nitrogen?

- a) N
- b) H
- c) He
- d)

) O

84. Which of the following is an example of a vertebrate?

- a) Frog
- b) Butterfly
- c) Spider
- d) Worm

85. What is the primary function of the nervous system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Transmitting signals

86. What is the chemical symbol for carbon?

- a) C
- b) O

- c) H
- d) N

87. Which of the following is an example of a homogeneous mixture?

- a) Saltwater
- b) Milk
- c) Air
- d) Sand and water

88. What is the process by which plants and animals release energy from food?

- a) Respiration
- b) Reproduction
- c) Photosynthesis
- d) Digestion

89. What is the function of the cell membrane?

- a) Protecting the cell
- b) Controlling cell division
- c) Carrying genetic information
- d) Synthesizing proteins

90. What is the chemical symbol for hydrogen?

- a) H
- b) O
- c) He
- d) C

91. Which of the following is an example of an invertebrate?

- a) Frog
- b) Butterfly
- c) Spider
- d) Fish

92. What is the primary function of the skeletal system in the human body?

- a) Pumping blood
- b) Digesting food
- c) Exchanging gases
- d) Providing support

93. What is the chemical symbol for calcium?

- a) Ca
- b) Na
- c) K
- d) Mg

94. Which of the following is an example of a solution?
- a) Saltwater
 - b) Milk
 - c) Air
 - d) Sand and water
95. What is the process by which plants and animals exchange gases with the environment?
- a) Respiration
 - b) Reproduction
 - c) Photosynthesis
 - d) Digestion
96. What is the function of the nucleus in a cell?
- a) Controlling cell division
 - b) Producing energy
 - c) Carrying genetic information
 - d) Synthesizing proteins
97. What is the chemical symbol for oxygen?
- a) O
 - b) H
 - c) He
 - d) C
98. Which of the following is an example of an arthropod?
- a) Frog
 - b) Butterfly
 - c) Spider
 - d) Fish
99. What is the primary function of the muscular system in the human body?
- a) Pumping blood
 - b) Digesting food
 - c) Exchanging gases
 - d) Producing movement
100. What is the chemical symbol for potassium?
- a) K
 - b) Na
 - c) Ca
 - d) Mg



Defence Maniac

Answer Key

4

1. a) Sodium chloride
2. a) Sublimation
3. a) Ampere
4. b) Distillation
5. a) Nitrogen
6. a) H₂O
7. c) Solar power
8. a) Newton
9. a) Photosynthesis
10. a) Carbohydrates
11. d) Lion
12. a) Fe
13. c) Filtration of blood
14. a) Iron
15. a) C₆H₁₂O₆
16. c) Carbon dioxide
17. d) Skin
18. a) Transpiration
19. a) Au
20. b) Green
21. a) It protects the Earth from ultraviolet radiation
22. a) Atom
23. a) He
24. d) Oxygen
25. a) Photosynthesis
26. a) 7
27. a) Screw
28. a) Jupiter
29. c) Exchanging gases
30. a) Na
31. a) Sublimation
32. c) Copper
33. b) Fighting infection
34. a) Natural gas
35. a) CO₂
36. a) Pascal
37. a) Nitrogen
38. a) Carrying oxygen

39. c) Solar power
40. a) Ag
41. a) Evaporation
42. c) Plastic
43. a) Pumping blood
44. a) O
45. c) Iron
46. c) Breaking down food
47. a) K
48. d) Sand and water
49. a) Reproduction
50. a) Silicon
51. c) Water
52. a) Producing energy
53. a) N
54. a) Frog
55. d) Transmitting signals
56. a) C
57. a) Saltwater
58. a) Respiration
59. a) Protecting the cell
60. a) H
61. c) Spider
62. d) Providing support
63. a) Ca
64. a) Saltwater
65. a) Respiration
66. c) Carrying genetic information
67. a) O
68. c) Spider
69. d) Producing movement
70. a) K
71. d) Sand and water
72. a) Reproduction
73. a) Nitrogen
74. a) Ag
75. a) Silicon
76. c) Exchanging gases
77. a) K
78. d) Sand and water
79. a) Reproduction
80. c) Oxygen
81. c) Water
82. a) Producing energy

 Defence Maniac

- 83. a) N
- 84. a) Frog
- 85. d) Transmitting signals
- 86. a) C
- 87. a) Saltwater
- 88. a) Respiration
- 89. a) Protecting the cell
- 90. a) H
- 91. c) Spider
- 92. d) Providing support
- 93. a) Ca
- 94. a) Saltwater
- 95. a) Respiration
- 96. c) Carrying genetic information
- 97. a) O
- 98. c) Spider
- 99. d) Producing movement
- 100. a) K



Defence Maniac