

Class: 7

Subject: Science Set-2

Maximum Marks: 50

General Instructions:

Time Duration: 2 hrs

Read the questions carefully before answering:

*Questions 1 to 10 carry 1 mark each. Answer in 1 or 2 sentences Questions 11**to 20 carry 2 marks each. Answer in 3 or 4 sentences Questions 21 to 25 carry 3**marks each. Answer in 5 or 6 sentences***Question 26 carries 5 marks.**

Q1. Which of the following is humus?

- a) The roots of small plants
- b) Small lumps of rocks
- c) The rotting dead matter
- d) None of the above

Q2. What causes muscle cramps?

- a) Fast running
- b) Increase in the supply of oxygen
- c) Accumulation of lactic acid
- d) Cycling

Q3. Which of the following is a male part of the flower?

- a) Pistil
- b) Stigma
- c) Anther
- d) Stamen

Q4. Which of the following is a basic unit of time?

- a) Minute
- b) Hour
- c) Second
- d) None of the above

Q5. Which of the following is an important element in an electric circuit?

- a) Voltmeter
- b) Switch
- c) Connecting wires
- d) Ammeter

Q6. Which type of soil is ideal for growing plants?

- a) Sandy soil
- b) Loamy soil
- c) Clayey soil
- d) All of the above

Q7. Earthworms breathe through _____.

- a) Nose
- b) Skin
- c) Mouth
- d) None of the above

Q8. Which of the following is a reproductive part of a plant?

- a) Stems
- b) Leaves
- c) Flowers
- d) Roots

Q9. Who discovered the magnetic effect of the current?

- a) Oersted
- b) Galileo
- c) Charles Darwin
- d) Thomas Edison

Q10. Which of the following is the fluid part of the blood?

- a) Haemoglobin
- b) WBC
- c) Plasma
- d) RBC

Q11. What do you mean by pulse rate? What is the normal pulse rate range of a normal person?

Q12. What is the time period? How to measure the time period of the pendulum?

Q13. What is light? Describe any two properties of light?

Q14. What is the difference between concave and convex lenses?

- Q15. Define water table?
- Q16. Which climatic factors affect the soil and changes it's structure?
- Q17. What is drip irrigation?
- Q18. Write the components of blood?
- Q19. What are the uses of concave mirrors?
- Q20. What are the characteristics of the image formed by a plane mirror?
- Q21. What do you understand by pollination? Distinguish between self pollination and cross pollination.
- Q22. Distinguish between clayey soil and loamy soil?
- Q23. What is aerobic respiration and anaerobic respiration? Write two differences between aerobic and anaerobic respirations?
- Q24. Explain any two effects of electric current?
- Q25. What are the parts of the heart? Explain with a diagram?
- Q26. How does human being breathe and how breathing is different from respiration?