

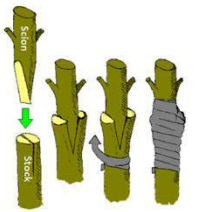
Duration XX hours

**Section I**

Choose the correct answers

15 x 1 =15 marks

1. An egg develops in to hen. This states that living organisms can
  - a. Reproduce
  - b. Grow
  - c. Move
  - d. Sleep
2. Which of the following seeds get dispersed by water ?
  - a. Seeds of mango, tomato, castor,
  - b. Seeds of lodge pole pine
  - c. Seeds of milkweed and maple
  - d. Seeds of lily and lotus
3. Identify the type of reproduction in the given picture



- a. Tissue culture
  - b. Air layering
  - c. Grating
  - d. Cutting
4. Animals have different types of organs for breathing
    - a. True
    - b. Flase
  5. Which of the following is made up of cardiac muscles?
    - a. Kidney
    - b. Liver
    - c. Brain
    - d. Heart
  6. Which of these are sense organs?
    - a. Heart, brain and kidneys
    - b. Liver, stomach and pancreas
    - c. Capillaries, arteries and veins

- d. Eyes, ears, nose, tongue and skin
- 7. Identify the organs which produce digestive juices.
  - a. Heart and kidney
  - b. Lungs and brain
  - c. Liver and pancreas
  - d. Heart and liver
- 8. Skin removes waste in the form of \_\_\_\_\_
  - a. Water
  - b. Sweat
  - c. Urine
  - d. Blood
- 9. Which part of skeletal system protects lungs
  - a. Skull
  - b. Ribcage
  - c. Vertebral column
  - d. All of the above
- 10. Proteins are essential nutrients required for body growth. Identify the food products rich in proteins?
  - a. Meat and meat products
  - b. Vegetables
  - c. Oils, fats
  - d. All of the above
- 11. Identify the disease caused due to Deficiency of iron.
  - a. Goitre
  - b. Anaemia
  - c. Pneumonia
  - d. Improper growth
- 12. Vitamins are essential for human growth. Find out the odd one
  - a. Vitamin A
  - b. Vitamin B
  - c. Vitamin C
  - d. Vitamin F
- 13. Screw is the point where a lever rocks back and forth
  - A. True
  - B. False
- 14. Mica is which type of rock
  - a. non-metallic
  - b. metallic
  - c. Metamorphic rock
  - d. Calcite
- 15. Granite is a which type of rock
  - a. non-organic

- b. organic
- c. Igenous rock
- d. Metamorphic rock

### Section II: Short answer type

questions. Each question carriers 2 marks

10 x 2= 20 marks

1. What is pollution? What are the different types of pollution?
2. What are the main parts of human skeleton?
3. What are the two main advantages of rest and exercise?
4. Write the difference between rocks and minerals?
5. Define the terms fossil and fossil fuel?
6. How does an ear work?
7. Give the names, sources and functions of any two nutrients?
8. What is first-aid? List out the basic things found in first aid kit?
9. Write the difference between elements and compounds?
10. What are nutrients? What are the different types of nutrients we eat?

### Section III: Long answer type

questions Each question carriers 3

10 x3= 30 marks

- marks
1. Describe the structure of fruit with well labeled diagram?
  12. What is vegetative reproduction? Describe vegetative reproduction by leaves?
  13. Describe the process of vegetative reproduction by stem?
  14. Describe mechanism of breathing?
  15. Define the terms herbivore, carnivore and omnivore? Give example for each of them.
  16. What is role of digestive and respiratory systems in our body?
  17. What is the role of nervous system and excretory systems in our body?
  18. What are the main parts of human skeleton?
  19. Describe different types of joints in our body?
  20. Describe different types neurons present in our nervous system?
  21. Describe the parts and functions of excretory system?
  22. What are communicable diseases? List out different agents that spread communicable diseases?
  23. What is pollution? What are the different types of pollution?
  24. Describe different effects of pollution?
  25. What is difference between soil erosion and soil conservation?
  26. What is atmosphere? Describe different layers of atmosphere?
  27. Explain the process of evaporation?
  28. Explain the process of distillation?
  29. How rocks and minerals are formed?
  30. Write the flow chart of classification of matter?