

- 6** Mineral essential for formation of haemoglobin:- **1**
i) iodine ii) iron iii) phosphorus iv) potassium
- 7** What does LED stand for? **1**
- 8** What type of motion does an object possess when it moves in a straight line? **1**
- 9** Name the process by which smell of perfume reaches us. **1**
- 10** Name the process which helps to increase the rate of sedimentation. **1**
- 11** Give another name for 'push or pull' applied to an object. **1**
- 12** Give example of one vertebrate that reproduce through eggs. **1**
- 13** Which component of air gets used up during the process of photosynthesis. **1**
- 14** Name two processes that help in balancing of carbon -dioxide & oxygen in the atmosphere. **1**
- 15** Give one example of unicellular organism.

Read the extract and answer the question:

Ravi and Priya visited their school's garden during their biology class. The garden was full of various plants, insects, birds, and small animals. They observed a few things:

- a) There were many flowering plants like roses, sunflowers, and marigolds. Bees were buzzing around, collecting nectar from the flowers.
- b) They noticed a small bird building its nest in a tree.
- c) In a corner of the garden, there was a compost pit where leaves and kitchen waste were decomposing.
- d) They also saw earthworms moving in the soil near the compost pit.
- 16** How do bees help flowering plants in the garden? **1**
a) By protecting them from insects
b) By pollinating them
c) By eating the flowers
d) By watering them
- 17** What role do earthworms play in the soil? **1**
a) They eat the roots of plants
b) They decompose dead organic matter
c) They produce harmful chemicals
d) They clean the soil
- 18** The group of organisms which use light for making food are called **1**
a) autotrophs b) heterotrophs c) decomposers d) scavengers

- 19** Which of the following is *not* biodegradable? **1**
a) vegetables b) fruits c) earthworm d) aluminium foil
- 20** Why is the compost pit important for the garden ecosystem? **1**
a) It provides a place for birds to live
b) It helps in the decomposition of organic waste, enriching the soil
c) It attracts harmful insects to the garden
d) It is a source of water for plants
- 21** Define Winnowing. **2**
- 22** Why should we always dry our hands before touching an electric appliance or a switch? **2**
- 23** How does decomposition of animals turn out to be useful? **2**
- 24** What is PEM. Name two diseases caused in children because of malnutrition. **3**
- 25** Describe one test each for detecting the presence of **3**
a. proteins
b. starch
- 26** Write three precautions, to be followed, when a meter scale is being used for measuring a given length. **3**
- 27** Explain the classification of animals on the basis of food habits. **5**
- Or
- State five differences between living & non-living things
- 28** Explain with the help of an activity, how to separate two immiscible liquids like mustard oil & water. **5**
- 29** Draw symbols for the following. **5**
a. Cell
b. Battery
c. Connecting wire
d. Bulb/lamp
e. Electric switch
