INSTRUCTIONS

1. You are required to utilize the first ten minutes for reading the question paper.
2. You will not be allowed to write during this time.
3. Neatness should be maintained by avoiding overwriting or striking out.

Section A (40 marks)

1. Scientific term: (5 marks)
   a. A rigid strip used for supporting a broken bone:
   b. A long sucking tube in insects:
   c. Helps to keep our body fit and healthy:
   d. Natural surroundings in which animal lives:
   e. Disease caused due to insufficient quantity of nutrients:

2. Give 2 examples: (5 marks)
   a. Migratory birds:
   b. Fungal diseases:
   c. Things to put off fire:
   d. Insects causing diseases:
   e. Types of burns:
3. Fill in the blanks: (5 marks)
   a. ______________ is the insect that uses its legs as oars for swimming.
   b. ______________ occurs due to continuous vomiting or diarrhoea.
   c. ______________ is a condition that does not allow the body to function properly.
   d. Wood pecker’s have ______________ beak for drilling trees.
   e. ORS is ______________.

4. Complete the following pattern: (5 marks)
   a. Snakes: scale ;; turtle : ______
   b. _______: Rickets ;; fragile bone : osteoporosis
   c. Crack in the bone : fracture ;; injury in the muscle: ______
   d. Less haemoglobin: ______ ;; swelling in neck: Goitre
   e. Scavengers : ______ ;; rodents: nibble nuts

5. Complete the following statements: (5 marks)
   a. Snakes move from place to place by means of the ____________.
   b. Vaccines injected in to the body produce ____________.
   c. Short circuit is caused due to ____________.
   d. Microbes grow rapidly where ever they get ____________.
   e. Antirabies injection is given after a dog bite because ________.

6. Give one reason: (5 marks)
   a. Shrew eats several times a day.
   b. Roughage has no nutritive value but still we eat.
   c. It is good to keep a fire extinguisher at home.
   d. Rest helps to refresh our body.
   e. Nose bleeding is common in summers.
7. **Define the following in one sentence:** (5 marks)
   a. Kindling temperature:
   b. First – Aid :
   c. Carriers:
   d. Scavengers:
   e. Balanced diet:

8. **Choose the correct option:** (5 marks)
   a. (Marasmus / Kwashiorkor) is caused when breast-feeding is stopped.
   b. Houseflies are the carriers of the disease (Dysentery / Kala Azar)
   c. (String / sling) is an appendage passing over shoulder to support the injured arm.
   d. (Fins / lungs) are supplied with a dense network of blood capillaries.
   e. The wings are moved by the (muscles/feathers) found inside the chest of the insect.

**Section: B (40 marks)**

9. **Answer the following:** (2x5=10)
   a. Write about the feeding habit of a frog.
   b. Write the symptom and treatment of marasmus.
   c. What first aid can be given in case of a sprain?
   d. What is the function of gills in fish?
   e. What are the symptoms caused due to the deficiency of iron?
10. a) Differentiate :  
   a. Chemical burn and heat burn  
   b. Scales of fish and reptiles  
   c. Communicable and non-communicable diseases  

b) Answer the following questions :  
   a. Draw and label a human lung.  
   b. Explain how exchange of gases takes place in lung.  

11. Observe the given diagram and answer the questions that follows:  

   a) Given here is the diagram of an insect.  

   1. Label A and B.  
   2. What is the function of B?  
   3. Write two differences between an insect and a spider.  

   b) The picture below shows contaminated food.
1. Name any 4 disease caused by contaminated food. (2)
2. Name the most common carriers. (1)
3. Name the organ of our body that is affected? (1)

c) Given below is the picture of a snake bite.

1. How do we name the snake poison? (1)
2. Why snake bite is treated as serious emergency? (1)
3. Name any two poisonous snakes. (2)

d) The following picture shows a sick person.

1. Why sick person should be isolated? (1)
2. What is a vaccine? (1)
3. What is PPP? (1)
4. Name any one disease caused due to mental illness. (1)
e) The picture below shows the fins of a fish.

1. Label A, B, C & D.  
2. What is the function of A.?  
3. A fish taken out of water dies. Why?

All the Best!!!