



# BIOLOGY

## BOOKS - ICSE

### PRACTICE ASSIGNMENT

#### Practice Assignment 1 Based On Chapter 1 The Leaf

1. Name the following:

The flat green structure arising from the node

of a stem.



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**2. Name the following:**

The pigment which gives green colour to the leaves.



**Watch Video Solution**

**3. Name the following:**

The tiny pores on the surface of leaves.



**Watch Video Solution**

**4. Stalk of a leaf.**



**Watch Video Solution**

**5. Define the following:**

**Leaf**



**Watch Video Solution**

**6. Define the following:**

Transpiration



**Watch Video Solution**

**7. Define the following:**

Venation



**Watch Video Solution**

**8. Define the following:**

Simple leaf



**Watch Video Solution**

**9. Define the following:**

Compound leaf



**Watch Video Solution**

**10. Define the following:**

Reticulate venation



**Watch Video Solution**

**11. Define the following:**

Parallel venation



**Watch Video Solution**

**12. Define the following:**

Phyllotaxy



**Watch Video Solution**

**13. Define the following:**

Vegetative propagation



**Watch Video Solution**

**14.** Differentiate between the following :

Simple leaf and compound leaf



**Watch Video Solution**

**15.** Differentiate between the following :

Reticulate venation and parallel venation



**Watch Video Solution**



**16.** Differentiate between the following :

Spines and Tendrils



**Watch Video Solution**

**17.** Describe the modifications found in the following plants :

Prickly pear



**Watch Video Solution**

**18.** Describe the modifications found in the following plants :

Sweet Pea



**Watch Video Solution**

**19.** Describe the modifications found in the following plants :

Pitcher plant



**Watch Video Solution**

**20.** Answer the following questions ,

What are the main functions of a leaf?



**Watch Video Solution**

**21.** Answer the following questions ,

Name a plant in which leaves are reduced to spine



**Watch Video Solution**

**22.** Give one-word for the following:

The arrangement of veins in a leaf.



**Watch Video Solution**

**23.** Give one-word for the following:

The arrangement of leaves on the stem.



**Watch Video Solution**

24. Here is the picture of a leaf. Study the picture and label the different parts in the blank lines drawn as 1, 2, 3 and 4.



(b) Which part makes food?



**Watch Video Solution**

## 25. Word Scramble :

Unscramble each of the following to form a word or term that you have read in this chapter.

(a) NATIVEON (b) FELA (c) NALAIM (d) RIMIDB



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## Practice Assignment 1 Based On Chapter 1 The Leaf Fill In The Blanks

1. Leaves are green as they contain .....



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2. In pitcher plant, ..... are modified for trapping insects.



[Watch Video Solution](#)

3. Some leaves have patches of white or yellow or red colour. Such leaves are called ..... leave



[Watch Video Solution](#)

4. The stalk of a compound leaf is called .....



**Watch Video Solution**

5. Leaves of banana show .....



**Watch Video Solution**

6. Give one-word for the following:

The flat green part of a leaf.



**Watch Video Solution**



## Practice Assignment 2 Based On Chapter 2 The Flower

1. Name the following:

The outermost whorl in a flower.



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2. Name the following:

The innermost whorl in a bisexual flower.



[Watch Video Solution](#)

**3. Name the following:**

Two complete flowers.



**Watch Video Solution**

**4. Name the following:**

Two incomplete flowers.



**Watch Video Solution**

**5. Name the following:**

Two unisexual flowers.



**Watch Video Solution**

**6. Name the following:**

Two bisexual flowers.



**Watch Video Solution**

7. Name the following:

Two seeds containing two cotyledons each.



**Watch Video Solution**

8. Name the following:

Two seeds containing only one cotyledon.



**Watch Video Solution**

**9. Name the following:**

Three conditions necessary for germination of a seed.



**Watch Video Solution**

**10. Define the following:**

Flower



**Watch Video Solution**

**11. Define the following:**

Complete flower



**Watch Video Solution**

**12. Define the following:**

Incomplete flower



**Watch Video Solution**

**13.** Define the following:

Unisexual flower



**Watch Video Solution**

**14.** Define the following:

Pollination



**Watch Video Solution**

**15. Define the following:**

Fertilisation



**Watch Video Solution**

**16. Define the following:**

Zygote



**Watch Video Solution**



**17. Define the following:**

Fruit



**Watch Video Solution**

**18. Define the following:**

Epigeal germination



**Watch Video Solution**

**19.** Define the following:

Hypogeal germination



**Watch Video Solution**

**20.** Define the following:

Embryo



**Watch Video Solution**

**21. Differentiate between the following:**

Calyx and corolla



**Watch Video Solution**

**22. Differentiate between the following:**

Complete flower and incomplete flower



**Watch Video Solution**

**23.** Differentiate between the following:

Pollination and fertilisation



**Watch Video Solution**

**24.** Differentiate between the following:

Self-pollination and cross-pollination



**Watch Video Solution**

**25.** Differentiate between the following:

Insect-pollinated and wind-pollinated flowers



**Watch Video Solution**

**26.** Differentiate between the following:

Seed and fruit



**Watch Video Solution**

**27.** Differentiate between the following:

Dicotyledonous seeds and monocotyledonous seeds



**Watch Video Solution**

**28.** Differentiate between the following:

Hypogeal germination and epigeal germination



**Watch Video Solution**

**29.** Differentiate between the following:

Stamen and carpel



**Watch Video Solution**

**30.** Give one word for the following:

Transfer of pollen grains from the anther to the stigma.



**Watch Video Solution**

**31.** Give one word for the following:

Fusion of male gamete with the female gamete.



**Watch Video Solution**

**32.** Give one word for the following:

The central part of a flower.



**Watch Video Solution**



**33.** Give one word for the following:

Structure which produces pollen grains in a flower.



**Watch Video Solution**

**34.** Draw labelled diagrammatic sketches of the following:

A stamen



**Watch Video Solution**

**35.** Draw labelled diagrammatic sketches of the following:

A carpel



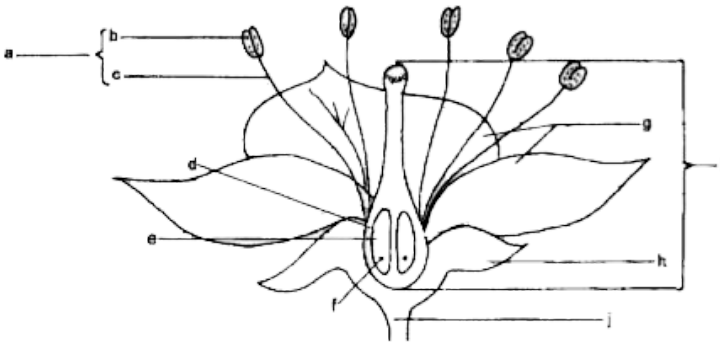
**Watch Video Solution**

**36.** Draw a labelled diagram of complete flower.



**Watch Video Solution**

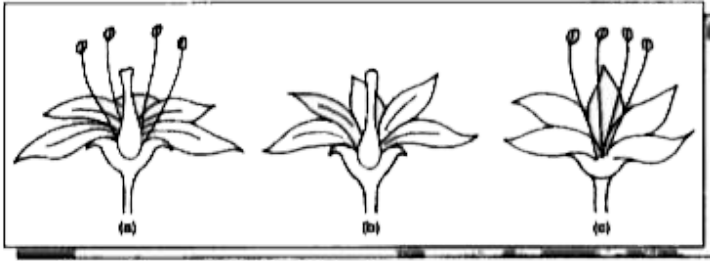
**37.** Following is the picture of a flower. Write the names of its different parts on the blank lines [on points (a) to (j)].



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**38.** Study the three flowers (a), (b) and (c) in the following figures. Then answer the

questions (by writing letter )

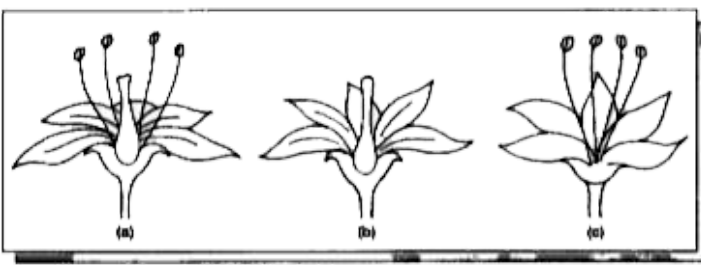


Which flower makes pollen only?



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**39.** Study the three flowers (a), (b) and (c) in the following figures. Then answer the questions (by writing letter )

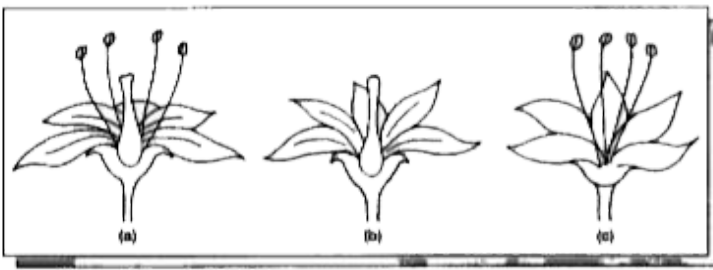


Which flower makes eggs only?



**Watch Video Solution**

**40.** Study the three flowers (a), (b) and (c) in the following figures. Then answer the questions (by writing letter )



Which flower makes pollen and eggs?



**Watch Video Solution**

**41.** What is the function of retina?



**Watch Video Solution**

**42.** Name one wind pollinated plant.





**Watch Video Solution**

**43.** Name one insect pollinated plant.



**Watch Video Solution**

**44.** Name one water pollinated plant.



**Watch Video Solution**

**45.** The female part of flower is made up of

-----



**Watch Video Solution**

**46.** The male part of a plant is made up of

.....



**Watch Video Solution**

**47.** The female part of a plant is called the .....

-----





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**48.** Fill in the blanks given below.

In plants, fertilisation takes place when a  
..... fuses with an .....



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**49.** Fill in the blanks with the help of word-box given below. Some of the words may be used twice.



The transfer of pollen from any stamen to any pistil is called .....



[Watch Video Solution](#)

**50.** Fill in the blanks with the help of word-box given below. Some of the words may be used twice.



The two kinds of pollination are ..... and .....



[Watch Video Solution](#)

**51.** Fill in the blanks with the help of word-box given below. Some of the words may be used twice.



The pollination of a carpel by pollen from the same flower is called .....



**Watch Video Solution**

**52.** Fill in the blanks with the help of word-box given below. Some of the words may be used

twice.



The pollination of a carpel by pollen from a different flower is called .....



**Watch Video Solution**

**53.** The main carriers of pollen are .....



**Watch Video Solution**

## 54. Word Scramble

Unscramble each of the following to form a word or term that you have read in this chapter.

(a) WELOFR (b) YROAV (c) SALITIFREONTI



[Watch Video Solution](#)

## Practice Assignment 2 Based On Chapter 2 The Flower Answer The Following Questions

1. Describe the functions of a flower



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2. Describe the functions of different parts of a flower



[Watch Video Solution](#)

3. By means of a diagram, show the parts of a fruit.



[Watch Video Solution](#)

4. What part is played by stamens and carpels in reproduction?



[Watch Video Solution](#)

## Practice Assignment 2 Based On Chapter 2 The Flower Fill In The Blanks

1. The four whorls of a flower are .....  
,..... and .....



[Watch Video Solution](#)

2. Pollen is produced inside .....



[Watch Video Solution](#)

3. Female sex cell is present inside the .....



[Watch Video Solution](#)

4. After fertilisation, ovules grow into ....., and ovaries into.....



[Watch Video Solution](#)



5. In hypogeal germination, the cotyledons remain ..... the soil. (above/below)



[Watch Video Solution](#)

**Practice Assignment 2 Based On Chapter 2 The Flower Mark T For The Correct Statements And F For The Incorrect Ones**

1. Sexual reproduction takes place only in animals and not in plants.



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2. Zygote is formed by the fusion of a male gamete with a female gamete.



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3. Stamens are female gametes.



[Watch Video Solution](#)

4. Style is a part of ovary.



[Watch Video Solution](#)

5. A fertilized egg becomes a seed.



[Watch Video Solution](#)

6. A fruit is a fertilized ovary.



[Watch Video Solution](#)

7. A seed consists of only an embryo.



[Watch Video Solution](#)

8. Seeds and fruits which possess wings are dispersed by water.



[Watch Video Solution](#)

9. Pollen grains are produced in large quantity in wind-pollinated flowers.



[Watch Video Solution](#)

**10.** Pollen grains are male gametes.



[Watch Video Solution](#)

**11.** Fertilisation starts when pollen lands on a stigma.



[Watch Video Solution](#)

12. A stigma is the top part of a stamen.



[Watch Video Solution](#)

13. An egg is fertilized in an ovule.



[Watch Video Solution](#)

**Practice Assignment 2 Based On Chapter 3 The Cell**

1. Define the following:

Cell



**Watch Video Solution**

2. Define the following:

Chloroplast



**Watch Video Solution**

**3. Define the following:**

Chromatin



**Watch Video Solution**

**4. Define the following:**

Chlorophyll



**Watch Video Solution**



**5. Define the following:**

Nucleus



**Watch Video Solution**

**6. Define the following:**

Cytoplasm



**Watch Video Solution**

7. Define the following:

Cell membrane



**Watch Video Solution**

8. Define the following:

Microscopic organism



**Watch Video Solution**

**9. Define the following:**

Cell wall



**Watch Video Solution**

**10. Define the following:**

Protoplasm



**Watch Video Solution**

**11. Define the following:**

Chromosomes



**Watch Video Solution**

**12. Define the following:**

Mitochondria



**Watch Video Solution**

**13.** Name the following:

A cell part that has tiny holes.



**Watch Video Solution**

**14.** Name the following:

An organelle which helps in cell division.



**Watch Video Solution**

**15.** Name the following:

A jelly-like substance which fills most of the inside of the cell.



**Watch Video Solution**

**16.** Name the following:

Most of the life functions take place here.



**Watch Video Solution**

**17.** Name the following:

The green material which is present in chloroplasts.



**Watch Video Solution**

**18.** Name the following:

The two types of cell divisions found in most organisms.



**Watch Video Solution**

**19.** Name the following:

The cell organelles which are found only in the plant cell.



**Watch Video Solution**

**20.** Name the following:

A cell organelle which is found only in animal cell.



**Watch Video Solution**



**21.** Give differences between the following:

Protoplasm and cytoplasm



**Watch Video Solution**

**22.** Give differences between the following:

Chloroplast and mitochondria



**Watch Video Solution**

**23.** Give differences between the following:

Cell membrane and cell wall



**Watch Video Solution**

**24.** Give differences between the following:

Animal cell and plant cell



**Watch Video Solution**

**25.** What is the function of ribosomes?



**Watch Video Solution**

## Practice Assignment 2 Based On Chapter 3 The Cell Fill In The Blanks With Appropriate Words

1. .... is inside the cell and surrounded by the .....



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2. A cell wall is made of a material called .....



[Watch Video Solution](#)

3. .... is an organism that cannot be seen without a microscope.



**Watch Video Solution**

4. .... are the green parts of a plant cell present in the cytoplasm.



**Watch Video Solution**

5. .... leave through the cell membrane.



[Watch Video Solution](#)

6. The shape of a cell is related to its .....



[Watch Video Solution](#)

7. Unicellular organisms are formed of .....  
cells.



[Watch Video Solution](#)

**8.** Cells arise only from other cells by a process called .....



**Watch Video Solution**

## Practice Assignment 2 Based On Chapter 3 The Cell Mark T For Correct And F For Incorrect Statements

**1.** The cell membrane has holes.



**Watch Video Solution**

2. Most of the life functions take place in the nucleus.



[Watch Video Solution](#)

3. Plant cells and animal cells are exactly the same.



[Watch Video Solution](#)

4. Centrosome is present in plant cells.



[Watch Video Solution](#)

5. Chloroplasts are absent in animal cells.



[Watch Video Solution](#)

6. The cell wall stiffens the plant



[Watch Video Solution](#)

**Practice Assignment 2 Based On Chapter 3 The Cell Answer The Following Questions**



1. What do you think would happen if a plant cell did not have a cell wall?



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2. How do cells increase in number?



[Watch Video Solution](#)

3. Why are the following parts important to a plant cell?

(i) Mitochondria (ii) Chloroplast (iii) Cell wall

(iv) Nucleus (v) Vacuole



**Watch Video Solution**

4. Write a short note on "diversity in cells."



**Watch Video Solution**

5. Draw a well labeled plant cell.



**Watch Video Solution**

6. Why are the nerve cells long? Why do these cells have projections?



**Watch Video Solution**

7. Draw a picture of an animal cell. Label the nucleus, cytoplasm and cell membrane.



**Watch Video Solution**

**8.** Mention the common features shared by plant cells and animal cells.



**Watch Video Solution**

## Practice Assignment 2 Based On Chapter 3 The Cell Mark T For Correct And F For Incorrect Statements

**1.** Most cells are microscopic.



**Watch Video Solution**

2. A nucleus must be present in each cell.



[Watch Video Solution](#)

3. Every cell has cytoplasm.



[Watch Video Solution](#)

4. The outermost covering in an animal cell is called cell wall.



[Watch Video Solution](#)

5. Cells in a multicellular organism can live independently,



[Watch Video Solution](#)

6. Chromatin material is found in cytoplasm.



[Watch Video Solution](#)

7. A mitochondrion provides the cell with energy.



[Watch Video Solution](#)

## Practice Assignment 4 Based On Chapter 4 Digestive System

1. Name the following:

The front four teeth in each jaw.



[Watch Video Solution](#)

**2. Name the following:**

The four tastes that your tongue tastes,



**Watch Video Solution**

**3. Name the following:**

The organ in which the absorption of food  
takes place in humans



**Watch Video Solution**



4. Name the following:

The organs of digestive system in humans.



**Watch Video Solution**

5. Name the following:

It connects the mouth cavity with the stomach.



**Watch Video Solution**

**6. Name the following:**

The three parts of a tooth



**Watch Video Solution**

**7. Define the following:**

Digestion



**Watch Video Solution**

**8. Define the following:**

Assimilation



**Watch Video Solution**

**9. Define the following:**

Egestion



**Watch Video Solution**

**10. Define the following:**

Alimentary canal



**Watch Video Solution**

**11. Define the following:**

Absorption



**Watch Video Solution**

**12. Define the following:**

Digestive system



**Watch Video Solution**

**13. Define the following:**

Enzymes



**Watch Video Solution**

**14.** Mention one function each of the following organs.

Tongue



**Watch Video Solution**

**15.** Mention one function each of the following organs.

Teeth



**Watch Video Solution**

**16.** Mention one function each of the following organs.

Saliva



**Watch Video Solution**

**17.** Mention one function each of the following organs.

Pancreas



**Watch Video Solution**

**18.** Mention one function each of the following organs.

Stomach



**Watch Video Solution**

**19.** Mention one function each of the following organs.

Oesophagus



**Watch Video Solution**



20. Mention one function each of the following organs.

Alimentary canal



[Watch Video Solution](#)

21. The breaking up of food into small pieces by the teeth help in \_\_\_\_\_ (mechanical) digestion.



[Watch Video Solution](#)

22. The picture below shows the teeth of a human adult. Study the diagram and answer the questions.



Name the kinds of teeth : ..... , ..... ,  
..... , .....



**Watch Video Solution**

23. The picture below shows the teeth of a human adult. Study the diagram and answer the questions.



How many teeth does an adult human have?

(give number).....



[Watch Video Solution](#)

**24.** The picture below shows the teeth of a human adult. Study the diagram and answer the questions.



How many premolar teeth are in each jaw?

.....





[Watch Video Solution](#)

25. The picture below shows the teeth of a human adult. Study the diagram and answer the questions.



How many molar teeth are in each jaw?

.....



[Watch Video Solution](#)

**26.** The picture below shows the teeth of a human adult. Study the diagram and answer the questions.



Which teeth are best for biting? .....

(Incisors or Molars)

 **Watch Video Solution**

**27.** The picture below shows the teeth of a human adult. Study the diagram and answer

the questions.



Which teeth are best for grinding food? .....



[Watch Video Solution](#)

28. In alimentary canal of humans, The food enters through \_\_\_\_\_



[Watch Video Solution](#)

**29.** From mouth the food goes to the stomach by \_\_\_\_\_ through \_\_\_\_\_ movement.



**Watch Video Solution**

**30.** Differentiate between alimentary canal and digestive system.



**Watch Video Solution**

31. Response towards the gravity by plants is known as \_\_\_\_\_



**Watch Video Solution**

32. Complete the following:

Starch  $\xrightarrow{\text{Amylase}}$  .....



**Watch Video Solution**



**33.** Complete the following:

Protein  $\xrightarrow{\text{Pepsin}}$  .....



**Watch Video Solution**

**34.** Draw a labelled diagram of the digestive system of humans :



**Watch Video Solution**

**Practice Assignment 4 Based On Chapter 4  
Digestive System Fill In The Blanks**

1. Saliva is secreted by the ... .. in the mouth cavity.



[Watch Video Solution](#)

2. Number of molar teeth present in an human adult are .....



[Watch Video Solution](#)

3. Food is digested by chemicals called .....



**Watch Video Solution**

4. Changing food to a usable form is called

.....



**Watch Video Solution**

5. The stomach secretes a juice called .....



**Watch Video Solution**

6. The liver and ..... are found near the stomach.



**Watch Video Solution**

7. The white part of the tooth is called .....



**Watch Video Solution**

8. The part of the tooth embedded in the jaw is called .....



[Watch Video Solution](#)

## Practice Assignment 4 Based On Chapter 4 Digestive System Answer The Following Questions

1. Name the organs of the digestive system.



[Watch Video Solution](#)

**2. How are villi useful for absorption of digested food in small intestine?**



**Watch Video Solution**

**3. Give the functions of the following types of teeth.**

(i) Incisor (ii) Canine (iii) Molar (iv) Pre-molar



**Watch Video Solution**

4. Name the digestive juices secreted by the following organs : (i) Mouth (ii) Pancreas (iii) Stomach (iv) Small intestine



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5. What are the causes of indigestion?



[Watch Video Solution](#)

**Practice Assignment 4 Based On Chapter 4  
Digestive System Mark T For The Correct**

# Statements And F For The Incorrect Ones

1. Canines are meant for tearing flesh.



[Watch Video Solution](#)

2. Molar teeth are absent in humans.



[Watch Video Solution](#)

3. Mouth cavity is also known as the food pipe.



[Watch Video Solution](#)



4. Bile juice is secreted by gall bladder.



**Watch Video Solution**

5. Gastric juice is secreted by the small intestine.



**Watch Video Solution**

# Practice Assignment 5 Based On Chapter 5 Respiratory System

1. Name the following:

The gas important for the process of respiration.



[Watch Video Solution](#)

2. Name the following:

The pigment present in red blood cells.



[Watch Video Solution](#)

**3. Name the following:**

The organs of respiratory system in humans.



**Watch Video Solution**

**4. Name the following:**

Products of anaerobic respiration in yeast.



**Watch Video Solution**

**5. Name the following:**

The large dome shaped muscle which forms the floor of the chest cavity.



**Watch Video Solution**

**6. Define the following:**

Respiration



**Watch Video Solution**

7. Define the following:

Breathing



**Watch Video Solution**

8. Define the following:

Internal respiration



**Watch Video Solution**

**9. Define the following:**

Alveolus



**Watch Video Solution**

**10. Define the following:**

Haemoglobin



**Watch Video Solution**

**11.** Mention one function each of the following organs/structures.

Lungs



**Watch Video Solution**

**12.** Mention one function each of the following organs/structures.

Alveoli



**Watch Video Solution**

**13.** Mention one function each of the following organs/structures.

Diaphragm



**Watch Video Solution**

**14.** Response of plant towards the light is called \_\_\_\_\_



**Watch Video Solution**



**15. Expand RA.**



**Watch Video Solution**

**16. Give differences between the following  
Breathing and Respiration**



**Watch Video Solution**

**17. Give differences between the following  
Combustion and Respiration**



[Watch Video Solution](#)

**18.** Give differences between the following  
Aerobic respiration and Anaerobic respiration



[Watch Video Solution](#)

**19.** Respiration takes place in every part of the body. Try to answer these questions about respiration.

(a) What does respiration produce that living

things need?

(b) What waste materials does respiration give off?

(c) Which important gas is necessary for performing respiration?



**Watch Video Solution**

**20.** Explain the function of lungs.



**Watch Video Solution**

# Practice Assignment 5 Based On Chapter 5 Respiratory System Answer The Following Questions

1. Why are hair present inside the nose?



[Watch Video Solution](#)

2. Mention the end products of respiration.



[Watch Video Solution](#)

3. Describe the two types of respiration,



[Watch Video Solution](#)

4. Mention the role of haemoglobin in respiration



[Watch Video Solution](#)

5. Arrange the following organs in the correct order to show the path of air in human body.

Trachea, Bronchi, Alveoli, Nose, Bronchioles



[Watch Video Solution](#)

**Practice Assignment 5 Based On Chapter 5  
Respiratory System Mark T For The Correct  
Statements And F For The Incorrect Ones**

1. In respiration, oxygen is required and carbon dioxide is given out



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2. In anaerobic respiration, complete breakdown of food takes place.



[Watch Video Solution](#)

3. During aerobic respiration, more energy is produced than in anaerobic respiration.



[Watch Video Solution](#)

**Practice Assignment 5 Based On Chapter 5  
Respiratory System Fill In The Blanks**

1. Air that enters the air sacs is rich in .....  
(oxygen/carbon dioxide)



**Watch Video Solution**

2. Air that leaves the air sacs is rich in .....  
(oxygen/carbon dioxide)



**Watch Video Solution**

3. Air sacs are surrounded by .....







[Watch Video Solution](#)

4. The capillaries around the air sacs take in ..... (oxygen/carbon dioxide) and give ..... (oxygen/carbon dioxide).



[Watch Video Solution](#)

5. The three waste materials that the lungs excrete are .....



[Watch Video Solution](#)

6. Skin helps in the excretion of water and

.....



[Watch Video Solution](#)

## Practice Assignment 6 Based On Chapter 6 Circulatory System

1. Name the following:

Three parts of the circulatory system.



[Watch Video Solution](#)

**2. Name the following:**

Three types of blood vessels.



**Watch Video Solution**

**3. Name the following:**

Types of blood groups.



**Watch Video Solution**

**4. Name the following:**

Blood group of universal donors.



**Watch Video Solution**

**5. Name the following:**

The instruments used for measuring pulse and blood pressure.



**Watch Video Solution**

**6. Define the following:**

Circulatory system



**Watch Video Solution**

**7. Define the following:**

Universal donors



**Watch Video Solution**

**8. Define the following:**

Blood transfusion



**Watch Video Solution**

**9. Define the following:**

Double circulation



**Watch Video Solution**

**10. Define the following:**

Universal recipient



**Watch Video Solution**

**11. Define the following:**

Blood pressure



**Watch Video Solution**

**12. Define the following:**

Blood plasma



**Watch Video Solution**

**13. Mention the functions of the following:**

Heart



**Watch Video Solution**



**14.** Mention the functions of the following:

Blood vessels



**Watch Video Solution**

**15.** Mention the functions of the following:

Red blood cells



**Watch Video Solution**

**16.** Mention the functions of the following:

White blood cells



**Watch Video Solution**

**17.** Mention the functions of the following:

Platelets



**Watch Video Solution**

**18.** Mention the functions of the following:

Blood



**Watch Video Solution**

**19.** Give differences between the following:

Arteries and veins



**Watch Video Solution**

**20.** Give differences between the following:

Pulmonary circulation and systemic circulation



**Watch Video Solution**

**21.** Give differences between the following:

Red blood cells and white blood cells



**Watch Video Solution**

**22.** Complete the following passage : An artery carries blood from the ..... at .....pressure. A vein carries blood to the .....at ..... pressure. Arteries and veins are linked by tiny blood vessels called....., walls of which are .....



**Watch Video Solution**

### **23. Word Scramble**

Unscramble each of the following to form a word or term that you have read in this

chapter.

(a) NIVE (b) THERA (c) RATYER (d) LYCARLAP



[Watch Video Solution](#)

## Practice Assignment 6 Based On Chapter 6 Circulatory System Answer The Following Questions

1. From which organ does oxygenated blood go into the heart?



[Watch Video Solution](#)

2. How does blood circulate in human body?



[Watch Video Solution](#)

3. Draw the structure of a human heart and label its parts.



[Watch Video Solution](#)

4. How can you keep the heart healthy?  
Explain.



[Watch Video Solution](#)

## Practice Assignment 6 Based On Chapter 6 Circulatory System Fill In The Blanks

1. In human body, heart is located on the .....  
side of the chest cavity.



[Watch Video Solution](#)

2. ....carry pure blood.



[Watch Video Solution](#)



3. The blood vessels which carry blood from the heart to different parts of the body are called .....



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4. The organ that pumps blood through your body is called .....



**Watch Video Solution**

5. Vessels that carry blood back to the heart are called .....



**Watch Video Solution**

6. Blood moves from arteries to veins through tiny blood vessels are called .....



**Watch Video Solution**

**1. Define the following:**

Health



**Watch Video Solution**

**2. Define the following:**

Communicable diseases



**Watch Video Solution**

**3. Define the following:**

Non-communicable diseases



**Watch Video Solution**

**4. Define the following:**

Deficiency diseases



**Watch Video Solution**

5. Define the following:

Hygiene



**Watch Video Solution**

6. Define the following:

Allergy



**Watch Video Solution**

7. Expand the following:

WHO



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8. Expand the following:

PEM



[Watch Video Solution](#)

**9. Expand the following:**

DPT



**Watch Video Solution**

**10. Name the following:**

Two communicable diseases



**Watch Video Solution**

**11. Name the following:**

Two non-communicable diseases



**Watch Video Solution**

**12. Name the following:**

Two nutritional deficiencies



**Watch Video Solution**



**13.** Name the following:

Three diseases caused by viruses



**Watch Video Solution**

**14.** Name the following:

Three diseases caused by bacteria



**Watch Video Solution**

**15.** Name the following:

Two diseases caused by protozoa



**Watch Video Solution**

**16.** Name the following:

One disease caused by worms



**Watch Video Solution**

**17.** Name the following:

A disease transmitted by mosquitoes



**Watch Video Solution**

**18.** Name the following:

Disease caused by deficiency of vitamin D



**Watch Video Solution**

**19.** Name the following:

Disease caused by deficiency of iron



**Watch Video Solution**

**20.** Name the following:

A disease of eye



**Watch Video Solution**

**21.** Name the following:

Deficiency of a mineral responsible for tooth decay



**Watch Video Solution**

**22.** Give differences between the following:

Kwashiorkor and marasmus



**Watch Video Solution**

**23.** Give differences between the following:

Undernutrition and malnutrition



**Watch Video Solution**

**24.** Give differences between the following:

Dumping and composting



**Watch Video Solution**

# The Blanks

1. Night blindness is caused due to deficiency of .....



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2. Lack of vitamin  $B_1$ , causes the disease .....



[Watch Video Solution](#)

3. Conjunctivitis is a disease of the .....



[Watch Video Solution](#)

4. Water can be purified by adding .....



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**Practice Assignment Practice Assignment 7  
Based On Chapter 7 Health And Hygiene Answer  
The Following Questions**

1. How do the microorganisms get entry into our body?





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2. What is polished rice? Why should we not eat polished rice?



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3. Name the food constituents which may be lacking in one's diet, in case of the following :

(i) A child having rickets (ii) A person suffering from beri-beri.

(iii) A person suffering from anaemia. (iv) A person suffering from scurvy.



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**4. Write short notes on**

(i) Oral hygiene (ii) Structure of tooth (iii) Eye care (iv) Hair care



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5. List five ways for maintaining community hygiene.



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6. How can water be made safe for drinking purposes?



**Watch Video Solution**

7. Write in brief, about disposal and treatment of wastes.



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8. Is there any relation between pollution and health? Explain.



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**Practice Assignment 8 Based On Chapter 8  
Adaptation**

1. Define the following:

Adaptation



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2. Define the following:

Habitat



**Watch Video Solution**

**3. Define the following:**

Hydrophytes



**Watch Video Solution**

**4. Define the following:**

Terrestrial organisms



**Watch Video Solution**

**5. Define the following:**

Aquatic habitat



**Watch Video Solution**

**6. Define the following:**

Mesophytes



**Watch Video Solution**

7. Define the following:

Xerophytes



**Watch Video Solution**

8. Define the following:

Amphibious animals



**Watch Video Solution**



**9.** Name the following:

Two habitats



**Watch Video Solution**

**10.** Name the following:

Habitat of earthworm



**Watch Video Solution**

**11. Name the following:**

Habitat of camel



**Watch Video Solution**

**12. Name the following:**

Habitat of fish



**Watch Video Solution**

**13.** Name the following:

Two hydrophytes



**Watch Video Solution**

**14.** Name the following:

Two xerophytes



**Watch Video Solution**

**15.** Name the following:

Two mesophytes



**Watch Video Solution**

**16.** Name the following:

Two amphibious animal



**Watch Video Solution**

**17. Name the following:**

Two arboreal animals



**Watch Video Solution**

**18. Differentiate between the following:**

Forests and pond, as two habitats



**Watch Video Solution**

**19.** Differentiate between the following:

Hydrophytes and xerophytes



**Watch Video Solution**

**20.** Differentiate between the following:

Terrestrial and aquatic habitats



**Watch Video Solution**

**21. Differentiate between the following:**

Lotus and Hydrilla



**Watch Video Solution**

**22. Give the modifications/adaptations found**

in the following:

Fish



**Watch Video Solution**

**23.** Give the modifications/adaptations found in the following:

Cactus



**Watch Video Solution**

**24.** Give the modifications/adaptations found in the following:

Camel



**Watch Video Solution**



**25.** Give the modifications/adaptations found in the following:

Yak



**Watch Video Solution**

**26.** Give the modifications/adaptations found in the following:

Pine tree



**Watch Video Solution**

**27.** Give the modifications/adaptations found in the following:

Birds



**Watch Video Solution**

**28.** Give the modifications/adaptations found in the following:

Penguin



**Watch Video Solution**

## 29. Word Scramble

Unscramble each of the following to form a word or term that you have read in this chapter.

(a) BITATHA (b) ATADATIOPN (c) QUATIAC (d)

SERDET



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**Practice Assignment 8 Based On Chapter 8  
Adaptation Fill In The Blanks**

1. Hydrilla is an ..... plant



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2. Yak shows adaptations to live in .....  
places.



**Watch Video Solution**

3. Pine trees are found in .....regions.



**Watch Video Solution**

4. Streamlined body in an organism is an adaptation which helps in .....



**Watch Video Solution**

5. Plants living in areas of scarcity of water are called .....



**Watch Video Solution**

**Practice Assignment 8 Based On Chapter 8  
Adaptation Mark T For The Correct Statements  
And F For The Incorrect Ones**

1. Pond is a terrestrial habitat.



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2. Mesophytes are terrestrial plants.



**Watch Video Solution**

3. Fish is an aerial animal.



[Watch Video Solution](#)

4. Webbed feet found in frogs help in swimming.



[Watch Video Solution](#)

5. Camel has developed adaptations suited to desert habitat.



**Watch Video Solution**