

**O. P. JINDAL SCHOOL, SAVITRI NAGAR**

**Half-Yearly Examination (2023 – 24)**

Class / Section: III \_\_\_\_\_

MM: 80

Subject: Science

Time: 2 hours

Name \_\_\_\_\_ Roll No.: \_\_\_\_\_ Invigilator's Sign: \_\_\_\_\_

*(Fifteen Minutes Extra will be given for reading the Question Paper.)*

**General Instructions:**

1. The question paper comprises of five sections A, B, C, D & E. There are 24 questions in all. All questions are compulsory.
2. Section A, Q1 comprises of 12 MCQ type questions and carries 1 mark each.
3. Section B, Q2 and Q3 are of case-based and carrying 4 marks each.
4. Section C, Q4 to Q12 are very short answer type and carrying 2 marks each.
5. Section D, Q13 to Q21 are short answer type and carrying 3 marks each.
6. Section E, Q22 to Q24 are long answer type and carrying 5 marks each

**Section-A**

**Q1. Tick the correct option.**

**(12x1=12)**

(i) Fish breathe through

- (a) Kidneys                      (b) Lungs                      (c) Brain                      (d) Gills

(ii) Air is a mixture of

- (a) Water                      (b) Sand                      (c) Soil                      (d) Gases

(iii) The part of the body just below the chest is

- (a) Backbone                      (b) Spinal cord                      (c) Abdomen                      (d) Heart

(iv) The bird has two toes facing front and two facing backward

- (a) Duck                      (b) Sparrow                      (c) Woodpecker                      (d) Penguin

(v) Food and oxygen combine to produce water, energy and

- (a) Sulphur                      (b) Nitrogen                      (c) Hydrogen                      (d) Carbon dioxide

(vi) All the bones of the body are called

- (a) Backbone                      (b) Skull                      (c) Skeleton                      (d) Lungs

(vii) They gulp air into their mouths.

- (a) Humans                      (b) Cats                      (c) Deer                      (d) Frogs

(viii) The brain lies inside the

- (a) Skin                      (b) Skull                      (c) Nerves                      (d) Chest

(ix) The sticky stuff inside the nose is called

- (a) Windpipe                      (b) Mucus                      (c) Asthma                      (d) Tube

(x) The eyes, \_\_\_\_\_, ears, tongue, skin are sense organs.

- (a) Nose                      (b) Hands                      (c) Toes                      (d) Elbow

(xi) The organ, that have millions of tiny pouches that fill up with inhaled air .

- (a) Liver                      (b) Lungs                      (c) Hand                      (d) Brain

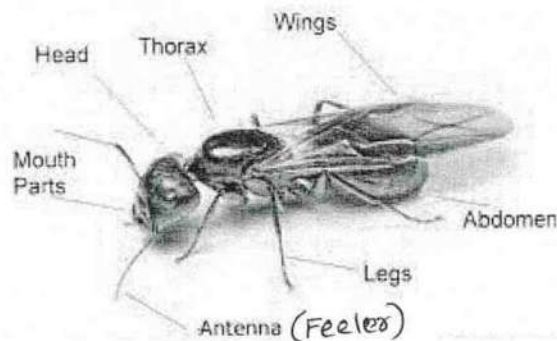
(xii) Birds that swim have \_\_\_\_\_ toes.

- (a) Short                      (b) Long                      (c) Webbed                      (d) Pointed

**(Section-B)**

**Q.2 Look at the picture and tick the correct answers.**

**(4x1=4)**



(i) Insects have \_\_\_\_\_ pairs of jointed legs.

- (a) One                      (b) Two                      (c) Three                      (d) Four

(ii) The body of an insect is divided into three parts-head, \_\_\_\_\_ and abdomen.

- (a) Leg                      (b) Wings                      (c) Ears                      (d) Thorax

(iii) An insect uses its \_\_\_\_\_ to feel and smell.

- (a) Feelers                      (b) Eyes                      (c) Mouth                      (d) Leg

(iv) An insect has \_\_\_\_\_ wings.

- (a) Two                      (b) Three                      (c) Four                      (d) Five

**Q.3 Read the paragraph and tick the correct answers.**

**(4x1=4)**

Plants have two main parts - the shoot and the root. The roots grow under the soil. The roots of some plants store food. The food can be used by the plant itself or by baby plants that grow out of the root later. We eat many of these fleshy roots for Example, carrot, radish, beetroot.

(i) The roots of some plants store

- (a) Water                      (b) Food                      (c) Spices                      (d) Gas

(ii) \_\_\_\_\_ grow out of the root later.

- (a) Adult plants                      (b) Old plants                      (c) Baby plants                      (d) Young plants

(iii) Edible roots are carrot, radish and

- (a) Beetroot      (b) Cabbage      (c) Spinach      (d) Potato

(iv) Food can be used by the \_\_\_\_\_ itself.

- (a) Soil      (b) Water      (c) Plant      (d) Sunlight

**Section-C**

**(9x3=27)**

**Q4** How do earthworms take in and give out air?

**Ans**.....  
.....

**Q5** How does weaver-bird makes its nest?.

**Ans**.....  
.....  
.....

**Q6** Name the organs that help us digest food.

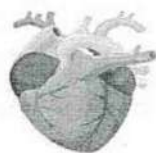
**Ans**.....  
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.....

**Q7** Mention any four characteristics of living beings.

**Ans**.....  
.....  
.....

**Q8** Write one function of these internal organs.

**Ans- (i)**



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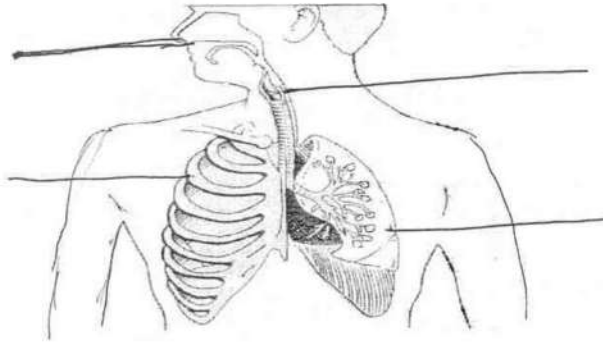
**(ii)**



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.....

**Q9.** Name the organs of respiratory system.

**Ans**



**Q10.** How do tailor birds make their nests?

**Ans**.....  
.....  
.....

**Q11.** Name two things that pollute the air.

**Ans**.....  
.....

**Q12.** Name a bird that has flippers. How does it uses its flippers?

**Ans**.....  
.....  
.....

**(Section -D)**

**(9x3=27)**

**Q13.** How do the leaves of a plant make food? Draw the diagram only.

**Ans-**

**Q14.(i)** What are social insects?

**Ans**.....  
.....

**(ii)** Why do people keep bees?

**Ans**.....  
.....

**Q15.** Draw the life cycle of a butterfly and label it.

**Ans**

**Q16. Match it:**

- |                              |         |
|------------------------------|---------|
| <b>Ans (i)</b> Insect eaters | Eagle   |
| <b>(ii)</b> Seed eaters      | Mynah   |
| <b>(iii)</b> Hunting birds   | Sparrow |

**Q17. (i)** Mention two characteristics of birds.

**Ans**.....  
.....

**(ii)** Name two birds that cannot fly.

**Ans**.....  
.....

**Q18.( i)** What are the two types of buds?

**Ans**.....  
.....

**(ii)** How do flowers help the plant?

**Ans**.....  
.....  
.....

**Q19.** Draw the organs of the abdomen.

**Ans**



**Q20.** How can we protect ourselves from the harm caused by air pollution? (Write three ways)

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.....  
.....

**Q21. (i)** Define herbs.

**Ans**.....  
.....

(ii) Write two things that root does for the plant.

Ans.....  
.....  
.....

**Section-E**

**(3x5=15)**

**Q22.(i)** What is an organ system? Name two organ system.

Ans.....  
.....  
.....  
.....

(ii) What happens when food combines with oxygen?

Ans.....  
.....

**Q23.** How are these insects useful or harmful to us?.

Ans (i) Useful insects

Silkworm

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Honey bee

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Lady bird

.....

(ii) Harmful insects

Mosquito

.....

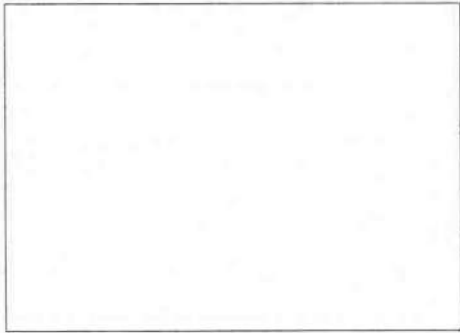
Termite

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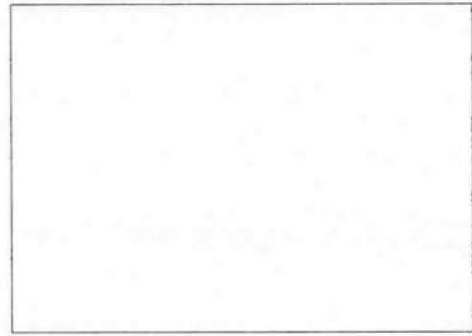
**Q24.** Draw the diagrams and write the name of each diagram:

**Ans**

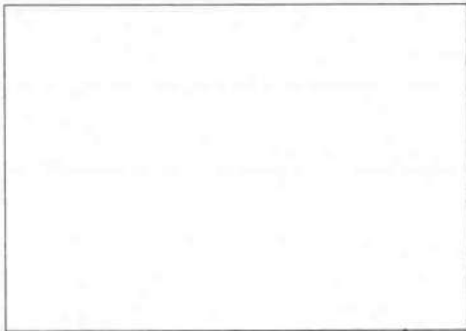
**(i)** Underground root



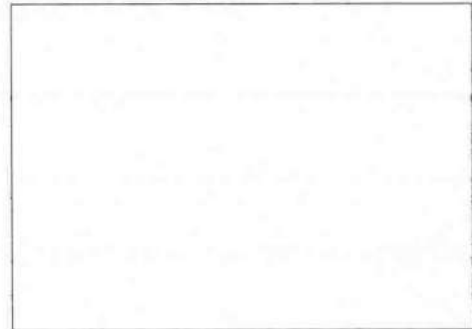
**(ii)** Underground stem



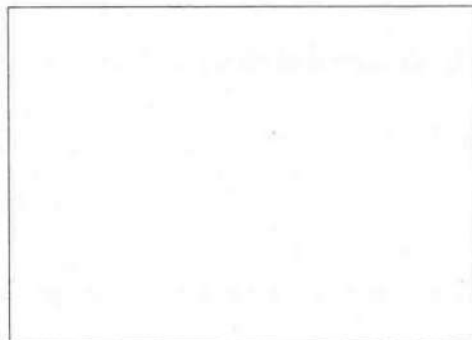
**(iii)** Herb



**(iv)** Climber



**(v)** Shrub



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