



# पुर्णा International School

Shree Swaminarayan Gurukul, Zundal

## Worksheet

### Ch – Nutrition in plant

#### Ques : 1 Multiple choice questions.

i) The process of taking in food by an organism and its utilization by the body is called

- a) eating                      b) respiration      c) nutrition              d) digestion

ii) Plants can be categorised as

- a) heterotrophs      b) autotrophs      c) saprotrophs      d) parasite

iii) In the absence of which of the following photosynthesis will not occur in leaves?

- a) Oxygen                      b) chlorophyll      c) vacuole              d) space between cell

iv) Which of the following can grow on leather, clothes, etc. that are left in hot and humid weather for a long time ?

- a) Algae                      b) Fungi                      c) Mushrooms              d) Cuscuta

v) Insectivorous plants eat insects to fulfil their needs of

- a) energy                      b) nitrogen              c) phosphorus              d) potassium

#### Ques 2 Fill in the blanks:

i) All animals are categorised as \_\_\_\_\_.

ii) \_\_\_\_\_ is the site of reception of light energy in leaves.

iii) The nucleus is surrounded by a jelly-like substance called \_\_\_\_\_.

iv) The mode of nutrition in fungi is \_\_\_\_\_.

v) \_\_\_\_\_ contain plant nutrient like nitrogen, potassium, etc.

**Ques 3 Write 'T' for True or 'F' for False for the following statements**

i) Carbohydrates and proteins can be called as nutrients.

ii) Desert plants have spines to reduce photosynthesis.

iii) Plant can also synthesise proteins and fats.

iv) Cuscuta takes readymade food from the plant on which it is climbing.

v) Leguminous plants do not need nitrogenous fertilizers.

**Ques 4 Very short ques / ans :**

i) Define the following terms :

a) Cell membrane \_\_\_\_\_

b) Saprotrophs \_\_\_\_\_

c) Symbiotic relationship \_\_\_\_\_

ii) Give two examples of each :

a) Useful fungi \_\_\_\_\_

b) Leguminous plants \_\_\_\_\_

iii) Which mineral is needed by plants to make proteins ?

\_\_\_\_\_

iv) What is the relationship between an alga and a fungus in lichens called ?

\_\_\_\_\_

v) Name the types of energy captured by the leaves to form food.



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## Worksheet

### Ch – 2 Nutrition in animals

#### Ques : 1 Multiple choice questions.

i) In grinding , food is acted upon by

- a) teeth and saliva    b) jaws and tongue    c) lips and saliva    d) lips and tongue

ii) The digestion of a particular food in the small intestine produces amino acids. This food must be containing mainly

- a) carbohydrates    b) fats    c) vitamins    d) proteins

iii) A part of stomach where food is stored in a cattle is

- a) oesophagus    b) caecum    c) rumen    d) intestine

iv) A proboscis is present in

- a) housefly    b) cockroach    c) butterfly    d) lizard

v) Which of the following are called the tearing teeth ?

- a) Incisors    b) Canines    c) Molars    d) Premolars

#### Ques 2 Fill in the blanks:

i) The alimentary canal stretches from \_\_\_\_\_ to \_\_\_\_\_.

ii) Teeth are rooted in separate \_\_\_\_\_ in between the \_\_\_\_\_.

iii) Large intestine absorbs \_\_\_\_\_ and some \_\_\_\_\_ from the undigested food.

iv) Tongue is attached at the \_\_\_\_\_ to the floor of mouth cavity and is free at the \_\_\_\_\_.

v) Digestion of food starts in \_\_\_\_\_ and gets completed in \_\_\_\_\_.

**Ques 3 Write 'T' for True or 'F' for False for the following statements**

- i) Iodine can turn starch solution red.
- ii) Salivary glands release hydrochloric acid.
- iii) Glycerol is one of the digested product of fats.
- iv) Amoeba is a microscopic, multicellular organism.
- v) Food vacuole in Amoeba is used for both digestion and egestion.

**Ques 4 Very short ques / ans :**

i) Answer the following statements in one word

a) Another name for food pipe \_\_\_\_\_

b) An instant source of energy \_\_\_\_\_

ii) Difference between the following :

a) Digestion and Absorption

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b) Liver and pancreas

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iii) Define the following terms:

a) Egestion \_\_\_\_\_

b) Ingestion \_\_\_\_\_

c) Assimilation \_\_\_\_\_