

Name \_\_\_\_\_ Sign of Invigilator \_\_\_\_\_

**Model Paper**

**Time: 2:30 Hrs.**

**Class 8 (EM)**

**M.M. 75**

**Subject- Biology**

**Note\_ All questions are compulsory.**

**Ques\_1-Choose the correct objective.**

**5**

(i) Yeast is used in the production of

(a) Sugar (b) Alcohol (c) Hydrochloric acid (d) Oxygen

(ii) Weeds are-

(a) Microbes (b) Unwanted herbs (c) Insects (d) Fungal pests

(iii) The only extinct animal among the following is

(a) Cheetah (b) Polar Bear (c) Dinosaur (d) Blue Whale

(iv) Chromosomes are located in-

(a) Plastids (b) Nucleus (c) Golgi apparatus (d) Centrosome

(v) Rhizobium bacteria are found in-

(a) Leaves (b) Stems (c) Root nodules (d) Flowers

**Ques\_2-Correct the following statements.**

**5**

(i) Rabi crops are sown in the rainy season.

(ii) The smallest microorganisms are algae.

(iii) Deforestation means planting of trees.

(iv) Plastids are called powerhouse of cells.

(v) The outer covering of a plant cell is called plasma membrane.

**Ques\_3-Draw a well labelled diagram of plant cell.**

**5**

**Ques\_4-Differentiate between.**

**5**

(i) Prokaryotes and eukaryotes

(ii) Endangered and extinct species

**Ques\_5-Fill in the blanks.**

**15**

(i) The first step before growing crops is \_\_\_\_\_ of soil.

(ii) \_\_\_\_\_ turns milk into curd.

(iii) Cholera is caused by \_\_\_\_\_.

(iv) A place where animals are protected in their natural habitat is called \_\_\_\_\_.

(v) Disease causing microorganisms are called \_\_\_\_\_.

(vi) Variety of plants, animals and microorganisms found in an area is known as \_\_\_\_\_.

(vii) \_\_\_\_\_ pigment helps in photosynthesis.

(viii) The names of two antibiotics are \_\_\_\_\_ and \_\_\_\_\_.

(ix) Nucleus is separated from the cytoplasm by a membrane called the \_\_\_\_\_.

(x) The power house of the cell is \_\_\_\_\_.

**Ques\_6-Answer the following questions in one or two words. 15**

(i) A group of similar cells performing the same functions.

(ii) The control centre of the cell.

(iii) Who discovered the cell for the first time.

(iv) Name an organelle which is present in plant cells but not in animal cells.

(v) Name any two diseases caused by virus in humans.

(vi) Name two modern methods of irrigation.

(vii) Give two examples of Rabi Crop.

(viii) Movement of animals from one place to another periodically because of unfavourable climatic conditions.

(ix) Which part of the cell contains organelles?

(x) Who discovered pasteurization?

**Ques\_7-Answer the following questions briefly. 25**

**25**

(i) Why is a cell called the basic structural unit of life? Explain.

(ii) Write six lines on the usefulness of microorganisms in our life.

(iii) What is irrigation? Describe two methods of irrigation which conserve water.

(iv) What are the causes and consequences of deforestation?

(v) Describe Nitrogen cycle.

**OR**

Draw a well labelled diagram of nerve cell.

**The End**