Half – Yearly Examination

Class -8th

Time :-2:30 Hr **Subject - Science** **M.M. - 80**

Note: All questions are compulsory.

Section - A

Q. 1- Tick the correct option : **1x6=6**

(i). A larva develops into an adult by the process of –

(a). Metamorphosis (b). Fertilisation (c). Embryo **(d).** d.Foetus

(ii). Internal fertilisation takes place in ———.

(a). Cows **(b).** fish **(c).** Human **(d).** Both a and c

(iii). The longest cell in the human body-

(a). Muscle cell (b).RBC **(c).** Neuron **(d).** WBC

(iv) Yeast is used in the production of –

(a). oxygen (b). alcohal **(c).** sugar **(d).** HCl

(v). Which of the following can be beaten in to thin sheets?

(a). zinc **(b).** Phosphorous **(c).** sulphur **(d).** oxygen

(vi). Synthetic fubres is-

(a). jute **(b).** wool **(c).** nylon **(d).** silk

Q.2.Answer the following questions. **2X6=12**

i.Name two unicellular organims.

ii. What is the full form of LPG and CNG?

iii. Name the petroleum product used for surfacing of roads.

iv. Give two examples of each :-

a. Kharif crop **b.**Rabi Crop

v. What are the major group of microorganism?

vii-Write the uses of nylon fibres.

Q.3-Define as :- **1X3=3**

a.Plastics **b.**national park **c.**sexual reproduction

Q.4-Make sketches of animal and plants cells state three differene betweenthem? **05**

Q-5-Match the items in column A with those column B. **2X8=16**

A	B
Yeast	Baking of bread
Virus	Setting of curd
Chemical Fertilisers	coke
Polythene	Non-biod egradadle
Coal	Unicellular
Amoeba	Thermoplastic
Plastic bags	Causing AIDS
Lactobacillus	Urea

Q.6- Make a labelled diagram of a candle flame. **04**

Q.7- What are Synthetic fibres.How many types of Synthetic Fibres? Explain its. https://www.ukboardonline.com **04**

Q.8- Write the various constituents of petroleum and their uses. **05**

Q.9- List the differences fertilizers and Manure.(any five) **05**

Q.10- Give reasons for the following :- **05**

i. Sodium and Potassium are stored in Kerosene.

ii. LPG is a better domestic fuel than wood.

Q.11- Write notes on- **2x5 = 10**

(a) Adam's apple (b) Weeding (c) Metals

(d) Zoo (e) Natural gas

Q.12- Calculate the calorific value of a fuel which produces 180,000 KJ of heat energy on burning 4.5 kg of it **5**