



PUNTA International School

Shree Swaminarayan Gurukul, Zundal

SUMMATIVE ASSESSMENT – I [2021-22]

Student Name					
Date		Grade	VIII	Roll No.	
Subject	SCIENCE	Marks	60	Teacher's Sign	

GENERAL INSTRUCTION:

- (i) This question paper comprised of four section A,B,C and D. you have to attained all the sections.
- (ii) In section A Each question carry one-one mark.
- (iii) In section B Each question contain two marks.
- (iv) In section C Each question contain three marks.
- (v) In section D Each question contain five marks.

[SECTION –A]

[20MARKS]

Que.I Multiple Choice Questions.

[5 Marks]

1. Yeast is used in the production of

- (a) Sugar (c) hydrochloric acid
(b) alcohol (d) oxygen

2. Which of the following can be beaten into thin sheets?

- (a) Zinc (b) Phosphorus (c) Sulphur (d) Oxygen

3. Which is a thermosetting plastic?

- (a) Melamine (b) Polythene (c) PVC (d) Nylon

4. The substance that does not burn with flame is

- (a) LPG (b) camphor (c) dry grass (d) charcoal

5. The jelly-like fluid substance present in cells is called

- (a) Protoplasm (b) Chromosome (c) Chloroplast (d) Cytoplasm

Que.II :Fill in the Blanks

[5 marks]

1. Microorganisms can be seen with the help of a _____.
2. Blue-green algae fix _____ directly from air to enhance fertility of soil.
3. Alcohol is produced with the help of _____.
4. Fuel must be heated to its _____ before it starts burning.
5. Fire produced by oil cannot be controlled by _____.

Que.III. State True or False

[5 marks]

1. CNG is more polluting fuel than petrol. (_____)
2. Coke is almost pure form of carbon. (_____)
3. Fertilisation is necessary even in asexual reproduction. (_____).
4. A zygote is formed as a result of fertilisation. (_____).
5. An embryo is made up of a single cell. (_____).

Que.IV. Answer the following question in one word

[10 marks]

1. Which non-metal is used to disinfect water?
2. Name the tool used with a tractor for sowing seeds in a field.
3. In the soil, which nutrient is enriched by blue-green algae (cyanobacteria)?
4. The instrument used to observe cells is _____
5. Which part of the cell contains organelles?

[SECTION –B]

[18 MARKS]

Que.V. Answer the following question in short [Any -9]

1. During which months do farmers grow mustard in India?
2. What are organic foods?
3. In Fig you find that the bulb glows when an iron nail is placed between two ends of wire. Complete the following sentences on the bases of this fact.



- (a) _____ is a metal.
 - (b) Metals are good _____ of electricity.
4. Write the characteristics and some important uses of coal.
 5. Why are wildlife sanctuaries important for conservation of plants and animals?
 6. How can we say that fish exhibits external fertilisation?
 7. Compare LPG and wood as fuels.
 8. Make a labelled diagram of candle flame.
 9. Where are chromosomes found in a cell? State their function.
 10. Explain the importance of reproduction in organism.

[SECTION –C]

[12MARKS]

Que.VI. Answer the following question in brief [Any -4]

1. What happens when
 - (a) Dilute Sulphuric acid is poured on a copper plate?
 - (b) Iron nails are placed in copper sulphate solution?

Write word equations of the reactions involved.

2. What are the advantages of using CNG and LPG as fuels?
3. Make a sketch of the human nerve cell. What function do nerve cells perform?
4. Write short notes on the following.
 - (a) Cytoplasm
 - (b) Nucleus of a cell
5. How can we prevent the following diseases?
 - (a) Cholera
 - (b) Typhoid
 - (c) Hepatitis A

[SECTION –D]

[10MARKS]

Que VII. Answer the following question in Detail [Any -2]

1. Define asexual reproduction. Describe two methods of asexual reproduction in animals.
2. Write the importance of synthetic polymers in our life.
3. Complete the following cycle given as Fig. by filling the blanks (a), (b), (c) (d)

