

Instructions :

1. All questions must be answered.
2. The numbers in parentheses on the right indicate points.
3. Draw neat labelled diagrams wherever necessary.
4. Write only the option number of the correct answer for each multiple choice question.

Q.1. Answer the following questions.

5 Marks

1. Write the chemical symbol of Magnesium.

2. Match the pair.

Group A

a) Infrasonic Sound

Group B

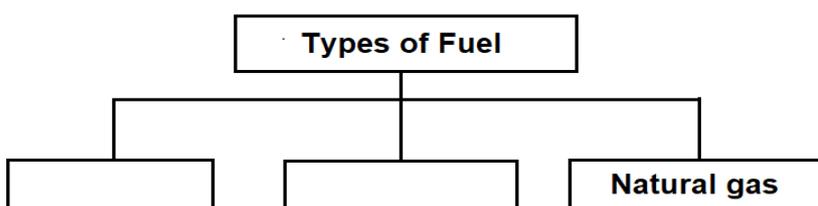
i) 20 Hz to 20000 Hz

ii) less than 20 Hz

3. Find the odd one out.

Lice, bed-bug, tick, Tapeworm

4. Complete the following chart.



5. Identify and write the type of venation seen in the given leaf.



Q.2. Write the answers of the following questions. (Any 3)

6 Marks

1. Why does this happen - The sky appears blue.

2. Write the scientific name of Human Being and write

Genus ----- and Species -----

3. Give examples. -

i) A change that is chemical and slow change — -----

ii) A change that is physical and reversible change — -----

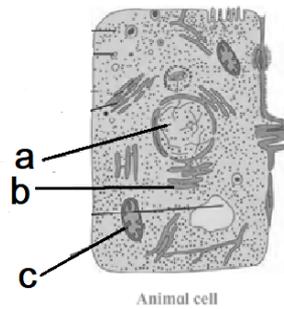
4. Classify the following into natural and chemical preservatives.

(citric acid, salt, oil, vinegar, sodium benzoate, sugar)

Q.3 Write the answers of the following questions. (Any 3)

9 Marks

1. Identify the parts shown in the figure and write their functions.



2. What kind of precautions will you take while purchasing Air tight /packed food? Why?
3. Complete the table.

Compound	Constituent element	Element symbol Number of atom	Molecular formula
-----	-----, Hydrogen	-----	CH ₄
Sodium Carbonate	-----, -----, Oxygen	Na:2, C:1, O:3	-----

4. If a student exerts a force of 36N on a bench, the table is displaced by 4 metres, how much work was done by the student?
