Instructions:
Main points of answer are given below each question. Marks for these points are given against them. A student may present these points in the form of paragraph or points, both cases are acceptable. If a student writes anything other than these points and if that is correct, he/she should be awarded with marks.

Question. No. 26. Give two examples of each of the following groups. (2×5)

Rubric: Award one mark for each correct example.

<table>
<thead>
<tr>
<th>Group</th>
<th>Animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish</td>
<td>Trout, Shark</td>
</tr>
<tr>
<td>Amphibians</td>
<td>Salamander, Frog</td>
</tr>
<tr>
<td>Reptiles</td>
<td>Tortoise, Lizard</td>
</tr>
<tr>
<td>Birds</td>
<td>Ostrich, Robin</td>
</tr>
<tr>
<td>Mammals</td>
<td>Human, Whale</td>
</tr>
</tbody>
</table>

Question. No. 27. (a) Define water pollution. Write its two causes. (2+2)

Rubric: Award two marks for correct definition and one mark for each correct cause.

The change in water which is injurious to the living things.
Causes: - fertilizers, pesticides, sewage water, factory waste etc.

(b) Give two effects of water pollution. Give two suggestions to reduce water pollution. (2+4)

Rubric: Award one mark for each correct effect and two marks for one correct suggestion.

Effects: - diseases like cholera, bad smell, killing of fish.
Suggestions: treatment of industrial waste before throwing it into rivers, treatment of domestic waste before throwing it into rivers.
Question. No.28. (a) Define gas.

Rubric. Award two marks for correct definition.
The state of matter which has neither fixed shape nor fixed volume.

(b) Give two examples of gas.

Rubric. Award one mark for each correct example.
Hydrogen, carbon dioxide, oxygen etc

(c) State the reason for the following properties of gas:

Rubric: Award three marks for correct reasoning.

i) Gases have neither fixed shape nor fixed volume.

Because their particles are far apart and move freely.

ii) Smell of a gas spreads in the room.

Because its particles move freely in all directions.

Question. No.29. (a) Define electric circuit.

Rubric: Award two marks for correct definition.
The path along which electric current flows.

(b) Name four components to make an electric circuit.

Rubric: Award one mark for each correct component.
Connecting wires, bulb, switch and battery.
(c) Describe the role of a fuse in an electric circuit.

Rubric: Award one mark for each correct point.
If the current exceeds the limit, the fuse wire melts and breaks the circuit. In this way it saves our electrical appliances.

Question No.30. (a) Define star and give its one example.

Rubric: Award two marks for correct definition and one mark for correct example.
Huge sphere of burning gases which emits heat and light, e.g. Sun

(b) How many planets are there in our solar system? Name first four planets closest to the sun in the correct sequence.

Rubric: Award one mark for correct number and one mark for the name of each planet at correct order.
Eight planets.
Mercury, Venus, Earth and Mars.

(c) Why can we not see the stars other than the Sun during day time?

Rubric: Award two marks for correct reason.
Because the Sun is closer to the earth as compared to the other stars and in the presence of its bright sunlight, the light of distant stars becomes invisible.