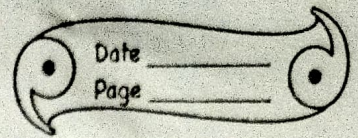


## EXERCISE - 11



1. Answer)

The two important processes supported by oxygen present in air are respiration and combustion.

2. a) oxygen - respiration, combustion.

b) nitrogen - protein,

c) Carbon dioxide - maintain warmth,

fire-extinguishes

d) water vapour - provides <sup>moisture</sup> humidity,  
humidity.

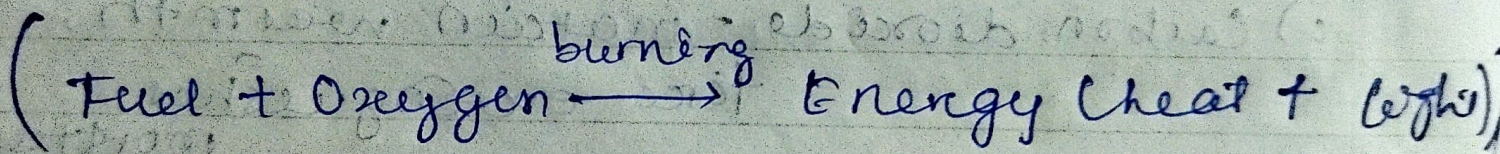
3. Respiration - It is a chemical process which breaks down the food in simpler form to produce energy.

Photosynthesis - It is a process by which plants make their food by carbon dioxide and water in the presence of chlorophyll and sunlight to produce food (glucose) and oxygen.

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c) Combustion - is a process in which a substance reacts chemically with oxygen and gets oxidised, and releases energy in form of heat and light.

4. Substances which are burnt to produce large amount of energy in form of heat and light are fuels.

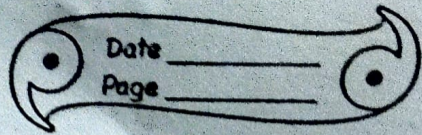


Two modern fuels = CNG, LPG

5. a) Because they intake the dissolved oxygen in the water.

b) Because the oxygen is already used and the left nitrogen doesn't support burning.

c) Because at ~~hill~~ <sup>mountains</sup> and high ranges the amount of oxygen decreases.



d. These bubbles come from the air dissolved in it.

