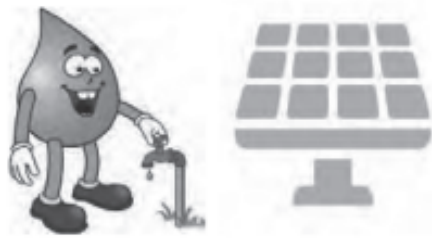


B] Answer the following questions.

(5)

- 1) Identify the following symbol.



- 2) Write any two hobbies to reduce stress.
3) Write the function of testes.
4) Which man can be considered as the first example of wise man?
5) Write the correct co-relation.

Skin : Melanin :: Bones : _____

Q.2 A] Give scientific reasons of the following. (Any 2)

(4)

- 1) Gender of child is determined by the male partner of couple.
2) Oxygen is necessary for complete oxidation of glucose.
3) It is absolutely necessary to control the fission reaction in nuclear power plant.

B] Answer the following questions. (Any 3)

(6)

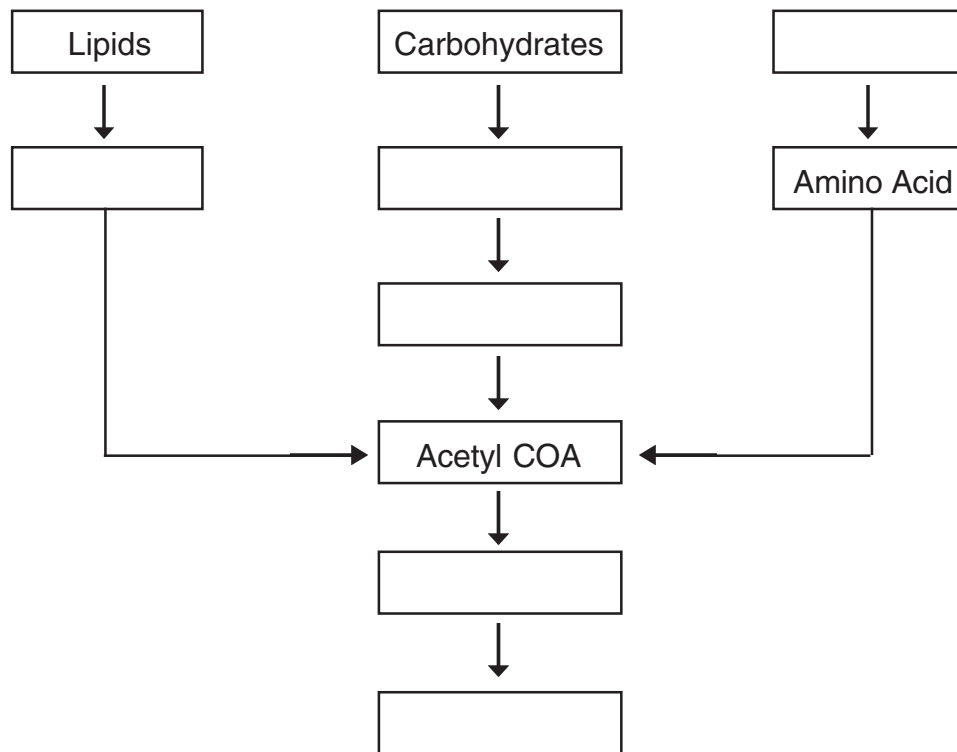
- 1) Distinguish between Chordates and Nonchordates by giving any two points of difference.
2) Explain the importance of good communication with others.
3) Explain any two advantages associated with the hydroelectric power plant.
4) What do we learn from the story of Jadav Molai Peyang?
5) Explain connecting links with one example.

Q.3 Answer the following questions. (Any 5)

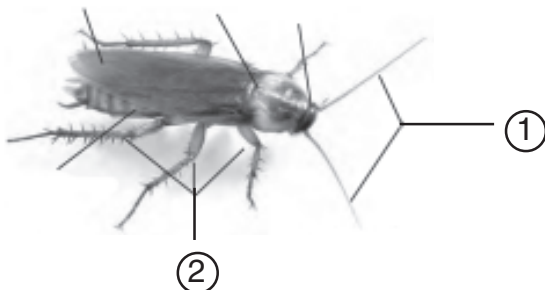
(15)

- 1) Explain double fertilization in flowering plants.

- 2) Complete the following flowchart of the process of energy production through aerobic respiration.



- 3) What will you do? Why?
- Your sister has become incommunicative. She prefers to remain alone.
 - Your brother studying in XII has developed the stress.
 - Child of your neighbour is addicted to tobacco chewing.
- 4) How can biodiversity be conserved?
- 5) Explain Darwin's theory of natural selection.
- 6) Explain that the energy obtained from fossil fuels is not green energy.
- 7) Observe the following diagram and write the answers the following questions.

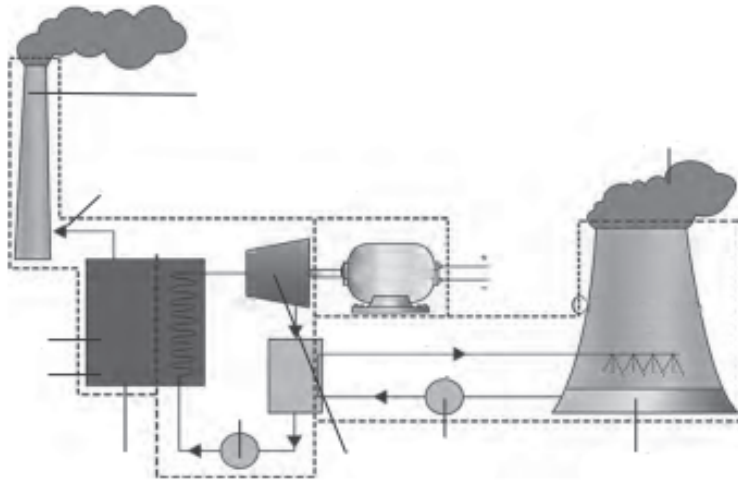


- To which phylum does the animal belong?
 - Label the given diagram where the numbering is done.
 - Write two main characteristics of that phylum.
- 8) Draw neat and well labelled diagram of Human female reproductive system.

Q.4 Answer the following questions. (Any one)

(5)

- 1) Observe the given diagram and answer the following questions.

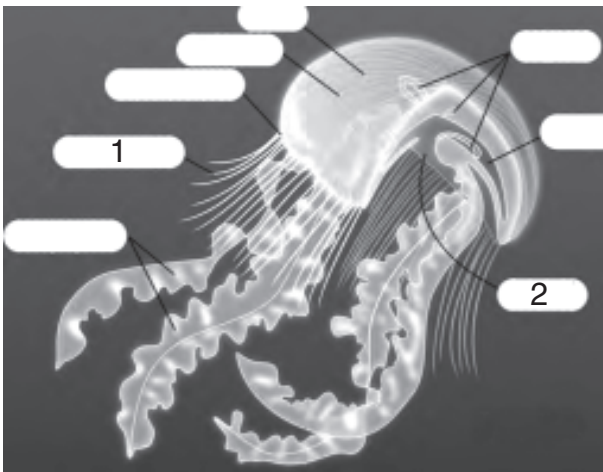


- a) Identify the given diagram of power plant.
- b) Complete the following flow chart showing energy transformation in the above power plant.



- c) Write any two problems associated with the above power plant.

- 2) Observe the given diagram and answer the following questions.



- a) Identify the animal shown in the above diagram.
- b) State the type of body symmetry seen in the above animal.
- c) Label the given diagram where numbering is done.
- d) Explain : Our body irritates if it comes in contact with the animal shown in the above diagram.

