

- (d) How does inclined plane make our work easier?
- (e) Define work.
- (f) What are artificial satellites?
- (g) What do you mean by tidal wave?
- (h) Explain second class lever with an example.

6. Long answer questions.

(3x5=15)

- (a) How is moon different from earth?
- (b) How does volcano erupt? How is lava different from magma?
- (c) Define load, effort, fulcrum and mention their positions in first, second and third class levers.

7. Draw the following diagrams.

(2x5=10)

- (a)
- (b)