

## Energy Conversion Multiple Choice Questions and Answers Pdf

1. A jet aircraft is powered by

- a. petrol engines
- b. diesel engines
- c. gas turbines
- d. batteries

Ans: C

2. Satellites are powered by

- a. thermo-electric generators
- b. thermoionic converters
- c. Photo electric cells
- d. Solar cells

Ans: D

3. The area under the load curve represents

- a. systems voltage
- b. current
- c. energy consumed
- d. maximum demand

Ans: C

4. All of the following plants are suitable for peak load except

- a. Gas turbine plant
- b. Pumped storage plant
- c. Diesel engine plant
- d. Nuclear power plan

Ans: D

5. Which of the following material has high scrap value as compared to initial cost?

- a. Aluminium

- b. Steel
- c. Copper
- d. Wood

Ans: C

6. A curve showing the variation of load on a power station with respect to time is known as

- a. load curve
- b. load duration curve
- c. diversity factor
- d. performance curve

Ans: A

7. Which of the following motor can operate on lagging as well as leading power factor?

- a. universal motor
- b. squirrel cage induction motor
- c. synchronous motor
- d. reluctance motor

Ans: C

8. The power loss in an overhead transmission line is mainly due to

- a. line resistance
- b. line inductance
- c. heat loss
- d. magnetic loss

Ans: A

9. The insulators for overhead lines are generally made of

- a. copper
- b. aluminium
- c. wood
- d. porcelain

Ans: D

10. In medium transmission line the effect of

a. resistance is negligible

b. capacitance is negligible

c. inductance is negligible

d. resistance, capacitance and inductance is taken into account

Ans: D

meritnotes.com