

# Shivaji University, Kolhapur

B.E. (Mechanical) (Semester VIII) Examination,

## Energy and Power Engineering

- 1) The .....angle is an angular measure of time.
  - A) Azimuth angle
  - B) Hour angle
  - C) Incident angle
  - D) Declination
  
- 2) The pumped storage plant is generally used to supply
  - A) Peak Loads
  - B) Base Loads
  - C) Both base loads and Peak loads
  - D) None of the above
  
- 3) In a steam power station, water is used for cooling purposes in
  - A) Boiler
  - B) Economizer
  - C) Condenser
  - D) Super heater
  
- 4) The amount of the energy available in the wind at any instant is proportional to \_\_\_\_ of the wind speed.
  - A) Square root power of two
  - B) Square root power of three
  - C) Square power
  - D) Cube power
  
- 5) A typical output of a solar cell is
  - A) 0.1 V
  - B) 0.26 V
  - C) 1.1 V
  - D) 2 V