



Dnyaneshwar Vidyapeeth (Trust)

CENTRAL EXAMINATION BOARD

ASSIGNMENT OF POWER PLANT ENGINEERING AND ENERGY MANAGEMENT

SUB -CODE- (MCH-G700)
ASSIGNMENT NO. 1

COURSE: ADVANCED TECH-QUIC PROGRAM
(Assignment Based on Topic No. 1,2,3)

SESSION - WINTER
BRANCH – Mech/Electrical

Q.1 Answer the following (Questions for 2 Marks):

- 1) Name the different components used for thermal power plant
- 2) Define Hydrology.
- 3) List the types of hydroelectric plant.
- 4) Define load factor.
- 5) List the different hydro plant Auxiliaries
- 6) Name the Nuclear fuels used in the Nuclear power plant.
- 7) Explain fission reaction

Q.2 Answer the following (Questions for 4 Marks):

- 1) What are the different types of hydropower plants?
- 2) Write a short note on Stream Flow related to the hydropower plants.
- 3) Explain different types of dams with the help of neat sketch.
- 4) Give classification of nuclear power station.
- 5) Write short note on ' Nuclear Fuels '.
- 6) State and explain various types of moderators used for controlling chain reaction.
- 7) State and explain different coolants used for nuclear power plant.

Q.3 Answer the following (Questions for 8 Marks):

- 1) Describe in brief various types of hydroelectric power plants.
- 2) Explain fast breeder type reactor with the help of diagram.
- 3) What safety precautions to be taken while operating Nuclear power plant ?

GROWTH UNTO INFINITE