



# Dnyaneshwar Vidyapeeth (Trust)

CENTRAL EXAMINATION BOARD

ASSIGNMENT OF I.C. ENGINE

SUB -CODE- (AUT-G530)  
ASSIGNMENT NO. 1

COURSE: ADVANCED TECH-QUIC PROGRAM  
(Assignment Based on Topic No.1, 2,3,4)

SESSION - WINTER  
BRANCH – Auto

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

- 1) Define injection
- 2) State two types of cooling.
- 3) What is function of cooling fan in water-cooling?
- 4) Give any two properties of lubricant

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

- 1) What is the requirement of fuel injection system?
- 2) Explain the working of simple carburetor with neat drawing.
- 3) Why fins are provided on the engine in air-cooling system?
- 4) State the effects of undercooling of engine performance.
- 5) Compare air-cooling and water-cooling system.
- 6) State the properties required for lubricant.

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

- 1) Explain valve-timing diagram of four-stroke engine with the help of neat sketch.
- 2) Describe different types of fuel injection nozzles with the help of neat sketch.
- 3) Explain the working of simple carburetor with the help of neat sketch.
- 4) Explain splash lubrication system.
- 5) Explain full pressure lubrication system

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GROWTH UNTO INFINITE