

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, APRIL-2020

AUTOMOBILE ENGINEERING DRAWING

[Maximum marks: 75]

(Time: 2.15 Hours)

Note:- (1). Drawing sheets to be supplied.

(2). Assume suitable data wherever it is required.

(Answer *any of the three units* from the following. Each question carries 25 marks)

UNIT -I

I. Draw the layout of a modern single room spray paint booth. (25)

OR

II. Draw the layout of seating arrangement in bus. (25)

UNIT -II

III. Draw half sectional Front view and Top view of a four stroke diesel engine piston. (25)

OR

IV. Draw a four cylinder engine's camshaft (25)

UNIT-III

V. Draw the wiring diagram of ignition circuit of a modern car and prepare component list. (25)

OR

VI. Draw the wiring diagram of headlight circuit of a modern car and prepare component list. (25)

UNIT-IV

VII. Draw a spark plug used in petrol engines. (25)

OR

VIII. Draw Overhead Valve mechanism with side Camshaft. (25)