

TED (15) -4055  
(Revision- 2015)

**N20-00042**

Reg.No.....  
Signature. ....

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/  
COMMERCIAL PRACTICE – NOVEMBER -2020.

**AUTOMOBILE ENGINEERING DRAWING**

(Maximum Marks: 75)

[Time: 2.15 hours]

[Note:- 1. Drawing sheet to be supplied

2. Assume suitable data wherever required.]

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

**UNIT-I**

Marks

I. Draw the layout of seating arrangement in a bus; to seat 41+2. (25)

**OR**

II. Draw isometric view of a Modern single Paint Booth identify ten important components.

(View-15 marks, Identifying ten components 10 marks).

**UNIT-II**

III. Draw half sectional front view and top view of a four stroke Diesel engine piston.

(Front view-15 Marks; Top view-10Marks)

**OR**

IV. Draw four-cylinder Petrol engines cam Shaft.

(Front view- 16 Marks; Sectional view at inlet, exhaust valve operating cams and eccentric 3 Marks each).

**UNIT-III**

V. Draw a complete wiring diagram of Diesel medium vehicle. (25)

**OR**

VI. Draw ten electrical symbols used in car wiring. (10 x 2.5 =25 Marks)

**UNIT-III**

VII. Draw an assembled view of overhead valve operating mechanism.

(Sectional view- 15 Marks; Identifying 10 parts-10 Marks)

**OR**

VIII. Draw sectional view of a spark plug. (25 Marks)

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