

ACMT Education College
SESSIONAL EXAMINATION – 2016
DIPLOMA 1st YEAR

FUNDAMENTALS OF ENGINEERING DRAWING-I-DEN 106

TIME: 2hr

MM: 50

Answers any five questions:

Q 1. Show five different types of lines used in engineering drawing giving their purpose?

Q 2. With neat sketches, show how the following are dimensioned:

Circles, holes chamfered surface angles, curves?

Q 3. Sketch the following systems of placing dimensions:

(i) Aligned system (ii) Unidirectional system?

Q 4. writes down importance of engineering drawing?

Q 5. Draw in vertical free hand lettering, the following sentence taking size = 8 mm.

DO GOOD HAVE GOOD

Q 6. Draw a ellipse if the distance of focus from the directrix is 70mm and the eccentricity is $\frac{3}{4}$?

Q 7. Draw an ellipse having the major axis of 100 mm and minor axis of 60mm?

Q 8. Difference between first angle projection and third angle projection ?