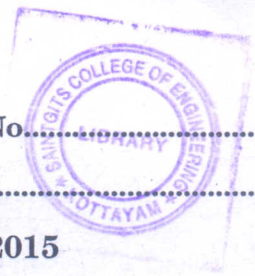


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(Pages : 3)

Reg. No.....

Name.....



**B.TECH. DEGREE EXAMINATION, MAY 2015**

**Fourth Semester**

Branch : Automobile/Chemical/Mechanical/Production/Naval Architecture and ship Building Engineering

AU 010 405/ME 010 405/PE 010 405/ST 010 405/CH 010 405—MACHINE DRAWING (AU, CH, ME PE, ST)

(New Scheme—2010 Admissions onwards)

[Regular/Improvement/Supplementary]

Time : Three Hours

Maximum : 100 Marks

*Answer all questions.*

*Missing dimensions, if any, may be assumed.*

*Drawing sheets will be supplied.*

1. Answer any *two* of the following :—

- (a) Define and sketch three types of fits.
- (b) Draw the three views of a hexagonal nut suitable for M-30 bolt.
- (c) Draw to views of double riveted (chain type) butt joint with two cover straps.

Take thickness of the plates as 10 mm. Show at least two pitch length.

(2 × 7½ = 15 marks)

2. Answer (a) or (b) :

(a) Fig. 1 shows (on page 2) the details of a Flexible Coupling. Draw the following views :

(i) Elevation top half in section. (13 marks)

(ii) View from left. (12 marks)

(b) Fig. 2 shows (on page 2) the details of a connecting Rod. Draw the following views :

(i) Elevation top half in section. (13 marks)

(ii) Plan bottom half in section. (12 marks)

3. Fig. 3 shows (on page 3) the details of a Lathe Tool Post. Assemble the component and draw the following views :

(a) Full sectional front view. (40 marks)

(b) Top view. (20 marks)

Turn over



