[Total No. of Questions - 9] [Total No. of Printed ges - 3] (2126)

16037(D)

- 0 DEC 2016

B. Tech 3rd Semester Examination

Machine Drawing (NS)

ME-213

Time: 3 Hours

Max. Marks: 100

The candidates shall limit their answers precisely within the answerbook (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note: Attempt three questions in all, selecting one question each from section A, B and C.

SECTION - A

- 1. Sketch a figure illustrating the following terms as per BIS.
 - (i) Basic size and Basic line.
 - (ii) Upper and Lower deviation. (20)
- 2. Sketch two views of a worm gearing indicating the necessary parameters. (20)

SECTION - B

- Sketch a piston showing the position of gudgeon pin, piston rings, connecting rod etc., on it. (20)
- Sketch two views of a single rivetted butt joint with two cover plates for 9mm thick plates. (20)

SECTION - C

- 5. Detailed drawings of a Tool Post is given in Fig. 1. Draw.
 - (a) Sectional Front view at 'xx'.
 - (b) Right side view.

(60)

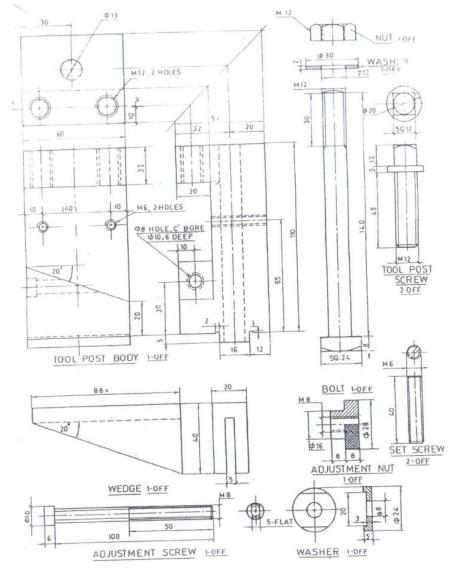


Fig. 1. (Q. No. 5)

- 6. From the details of the stuffing box drawings given in Fig. 2. Draw the following:
 - (a) Front view left half in section.

(b) Top view. (60)

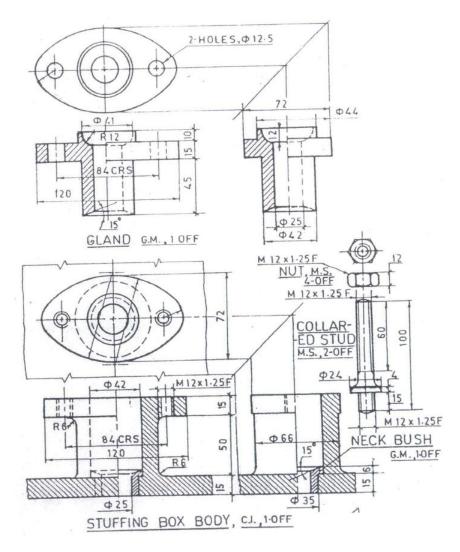


Fig. 2. (Q. No. 6)