

Code No: RT22035 (R13) (SET - 1

## II B. Tech II Semester Supplementary Examinations, November-2017 MACHINE DRAWING

(Com. to ME, AME, MM)

Time: 3 hours Max. Marks: 70

Note: 1. Question Paper consists of two parts (Part-A and Part-B)

2. Answer TWO question from Part-A

3. **Part-B** is compulsory

## PART-A

1. a) Draw left hand and right hand threads of nominal size M20 (4M)

b) Sketch a double start square thread of pitch 5 mm and nominal diameter 50 (7M) mm.

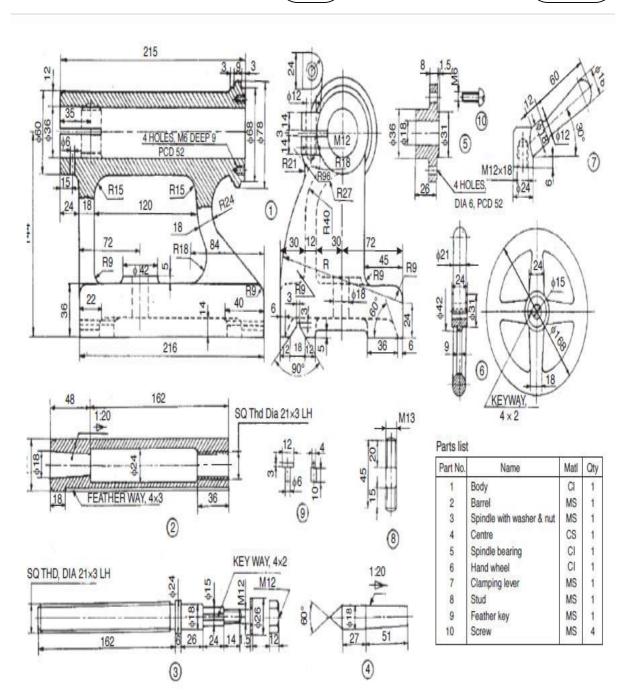
- 2. Two square rods of side 50 mm each, are connected by a cotter joint with a gib. (11M) Sketch thefollowing views of the assembly:
  - (i) half sectional view from the front and (ii) view from the side.
- 3. Draw (i) half sectional view from the front, top half in section and (ii) half (11M) sectional view from the side, left half in section, of a split-muff coupling, indicating proportions to connect two shafts, each of diameter 80 mm.

## PART-B

4. Assemble all parts of the Tail stock, shown in Fig. and draw the following (48M) views: (i) Half sectional view from the front, (ii) View from above. and (iii) view from side

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