



Reg. No. :

Name :

Fourth Semester B.Tech. Degree Examination, May 2015
(2013 Scheme)
13.406 : MACHINE DRAWING (M)

Time : 4 Hours

Max. Marks : 100

PART – A

Answer **any two** questions. **Each** question carries **10** marks.

1. With the help of neat sketches illustrate the following types of fits :

- i) Clearance fit
- ii) Interference fit
- iii) Transition fit.



10

2. Show different methods of indicating tolerances by letters and numerical symbols.

10

3. Dimensions of a hole and its mating shaft are given according to shaft basis system :

Shaft : ϕ 30 mm Hole : ϕ 30.092 mm

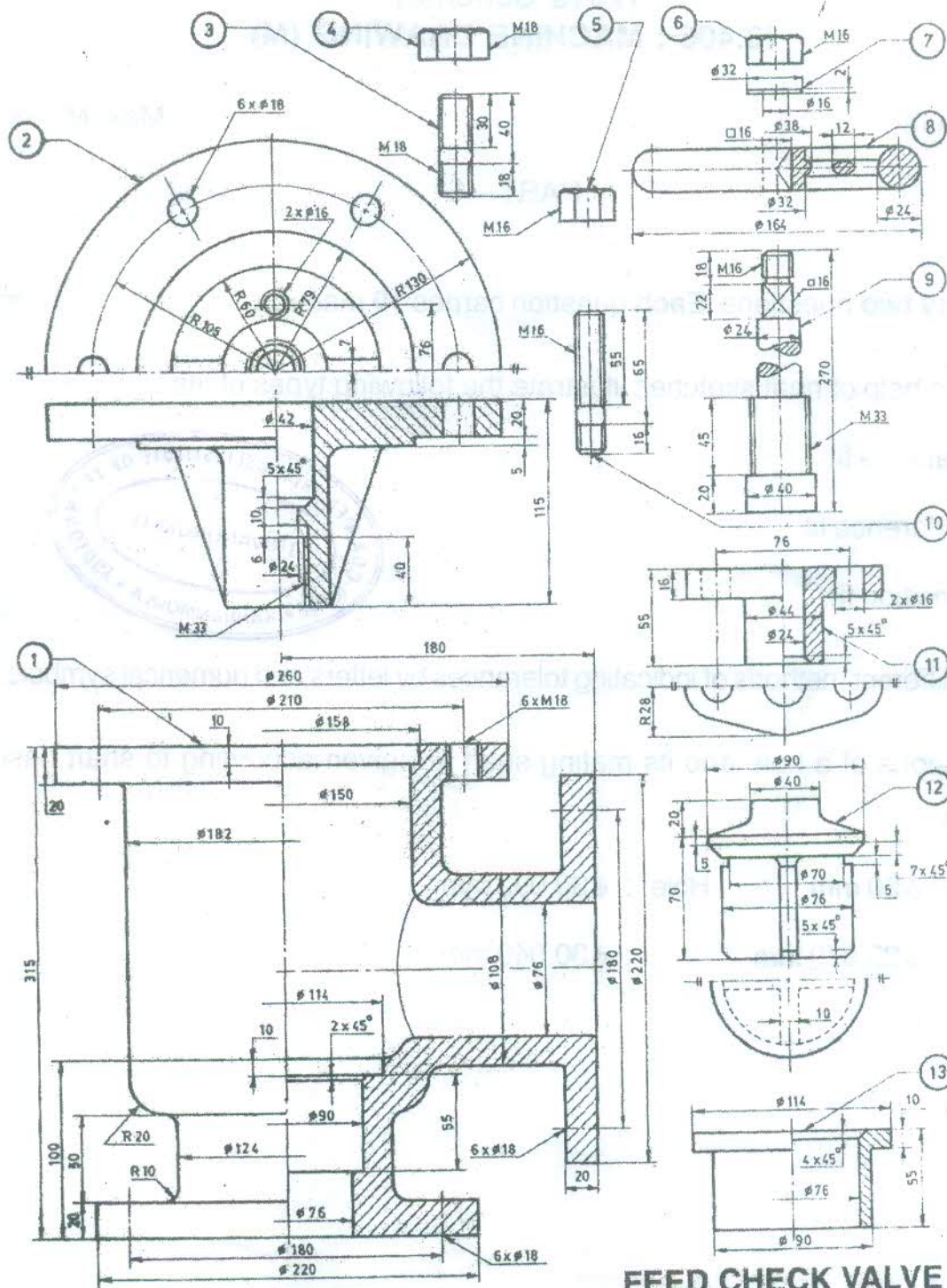
 : ϕ 29.979 mm : ϕ 30.040 mm

10



PART - B

4. Draw sectional elevation, right half in section and plan of the feed check valve shown in figure.



FEED CHECK VALVE