

195

Register No.:

April 2018

Time - Three hours
(Maximum Marks: 75)

(Sketch 'T' and 'U' to accompany)

- [N.B: (1) Answer any SEVEN questions in each PART - A and answer division (a) or division (b) in PART - B.
(2) Each question carries 5 marks in PART - A, 40 marks in Part - B.
(3) All questions are to be answered in the Drawing sheet only.]

PART - A

1. Describe with sketch about the full section.
2. Describe with sketch, the removed section.
3. Explain about unilateral and bilateral tolerances.
4. Describe about the interference fit.
5. Describe about waviness.
6. Describe about machining symbols.
7. Classify the different types of keys.
8. Discuss about stud bolt.

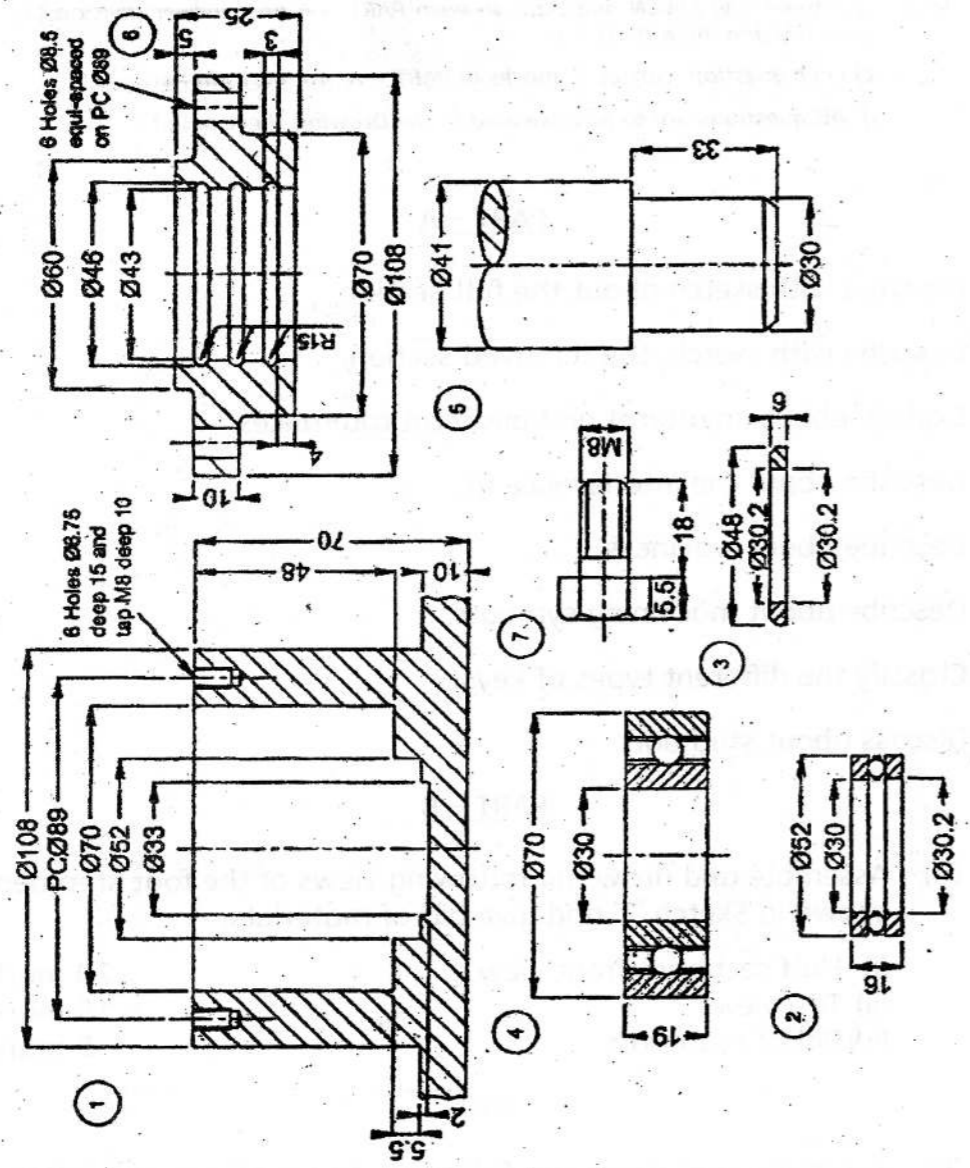
PART - B

9. (a) Assemble and draw the following views of the foot step bearing shown in Sketch 'T' and give bill of materials.
- | | |
|-------------------------------|------------|
| (i) Half sectional front view | - 20 marks |
| (ii) Top view | - 15 marks |
| (iii) Bill of materials | - 5 marks |
- (Or)
- (b) Assemble and draw the following views of the protected type flanged coupling shown in Sketch 'U' and give bill of materials.
- | | |
|-----------------------------------|------------|
| (i) Top half sectional front view | - 20 marks |
| (ii) Side view | - 15 marks |
| (iii) Bill of materials | - 5 marks |

[Turn over.....

Sketch 'T' to accompany QP Code: 195

FOOT STEP BEARING



All dimension radii 3

Sketch 'U' to accompany QP Code: 195

Details of Flanged Coupling Protected Type

