4483

BOARD DIPLOMA EXAMINATION, (C-14) JUNE-2019

DME - FOURTH SEMESTER EXAMINATION

PRODUCTION DRAWING PRACTICE

Time: 3 Hours Max. Marks: 60

PART -A

4x5=20M

Instructions: 1) Answer all questions. Each question carries five marks.

- 2) Draw the following neatly with proportionate dimensions.
- 3) Use of production drawing tables are allowed.
- 1) Draw the tolerance character symbols for the following:
 - (a) Cylindricity (b) Flatness (c) Angularity
 - (d) Parallelism (e) Run out.
- 2) Draw the machining symbols for the following.
 - (a) To indicate the surface considered
 - (b) If the removal of material is not permitted
 - (c) If the removal of material by machining is required
 - (d) When special surface characteristics have to be indicated
 - (e) If the same surface Roughness is required on all the surfce of a part.
- 3) Indicate the meaning of following symbols/ specifications.
 - (a) Square Bolt M12x40N, IS: 2585
 - (b) Stud BM20x60
 - (c)Splines 6x23x26 IS: 2327
 - (d) Soild Taper Pin 15x60
 - (e) O-Ring, 10/2.5, Viton

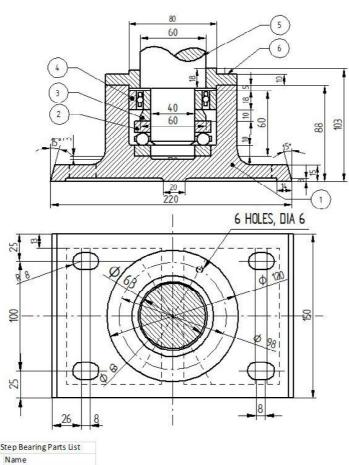
[Contd....

4) Write about Ammonia Process in Reprographic methods.

PART-B

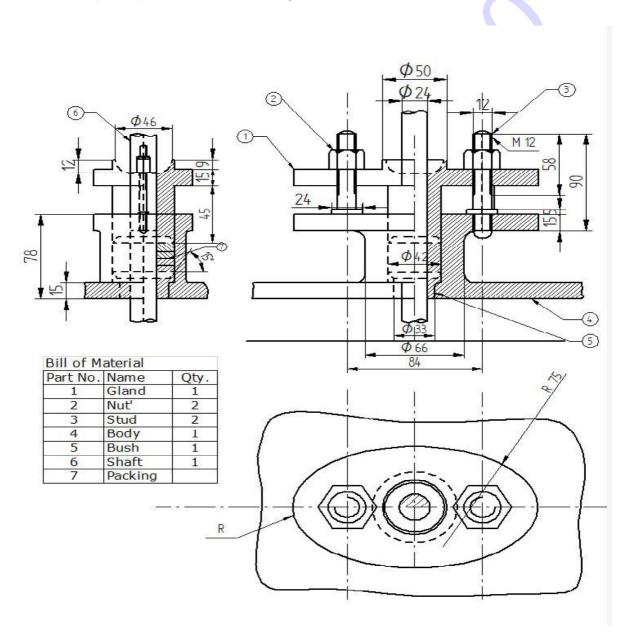
1x10 = 40M

- **Instructions:** 1) Answer **one** question.
 - 2) Each question carries fourty marks.
 - 3) All dimension are in mm.
- 5) The assembly drawing of the foot step bearing show in the fig.
 - (a) Prepare the part drawing for the Part no. 1, Part no. 5, and Part no.6.
 - (b) Show the appropriate tolerances for the Part no. 1, and Part no. 5.
 - (c) Show the surface roughness symbols wherever necessary.
 - (d) Prepare the process sheet for the Part no.6.





- 6) (a) Study the given assembly of stuffing box and draw part drawing of each component.
 - (b) List out the materials of the components.
 - (c) Select suitable fit for assembly of body and bush, bush and shaft
 - (d)Prepare process sheet for gland.



/4483 3