C14-M-**407**

4483

BOARD DIPLOMA EXAMINATION, (C-14)

JUNE-2019

DME - FOURTH SEMESTER EXAMINATION

PRODUCTION DRAWING PRACTICE

Time: 3 Hours

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<u> Max. Marks : 60</u>

PART -A

4x5=20M

Ins	tructions: 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
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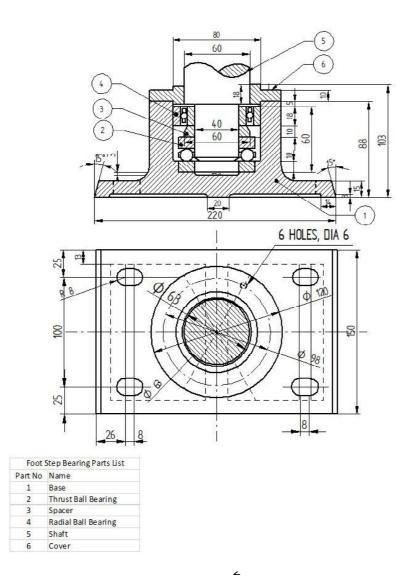
4) Write about Ammonia Process in Reprographic methods.

PART-B

1x10=40M

Instructions: 1) Answer one question.

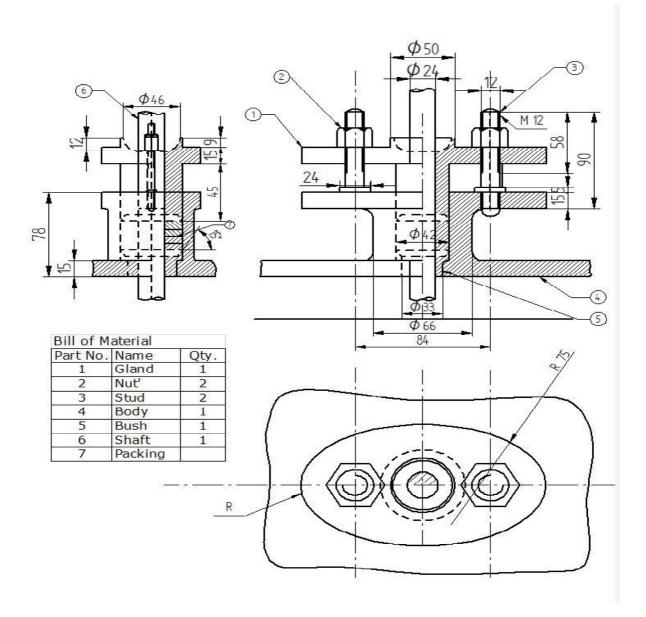
- 2) Each question carries fourty marks.
- 3) All dimension are in mm.
- 5) The assembly drawing of the foot step bearing show in the fig.
 - (a) Prepare the part drawing for the Part no. 1, Part no. 5, and Part no.6.
 - (b) Show the appropriate tolerances for the Part no. 1, and Part no. 5.
 - (c) Show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



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- 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.

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