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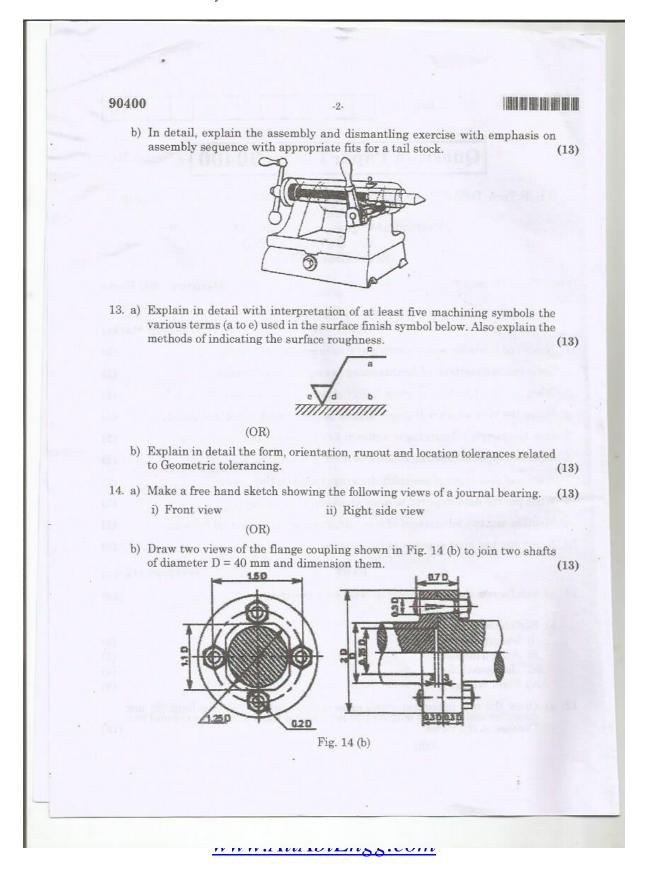
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1		Re	eg. No. :						
		Question Paper Code: 90400							
	B.E./B.Tech	Med	Thi chanical E S8301 – M	rd Semes ngineerin	ter g (Sand DRAW	wich)	ECEMI	3ER 20	019
7	Time : Three Ho	urs				1	Maximui	n:100	Marks
				r ALL que PART – A	stions		(10×	2=20 I	Marks)
	1. Name the assembly views which will give inner details of parts.							(2)	
	2. State the two methods of dimensioning in engineering drawing.								(2)
	3. What are the details to be given in Bill of material in machine drawing?							g ?	(2)
	4. Name the view which will give assembly sequence with a suitable sketch.						ch.	(2)	
	5. How Geometric Tolerancing is different from Dimensional tolerancing?						?	(2)	
	6. Brief two types of material conditions used in Geometric Tolerancing.							(2)	
	7. State any four types of assembly drawings based on their uses.							(2)	
	8. What are the data required to draw an assembly drawing?								(2)
	9. Mention any two advantages of computer graphics over manual drawing.							ng.	(2)
	10. Name any two most popular 3d CAD softwares.								(2)
				PART – B			(5×1	3=65 I	Marks)
	11. a) Brief screw thread terminology with neat sketches. (OR)							(13)	
		ne following	:						(0)
	i) Square Threads ii) Acme Threads							(3)	
		gonal Nut							(4)
	iv) Plain Washer								(3)
	12. a) Draw the two important views of hexagonal bolt of 100 mm long, 25 diameter and a thread length of 50 mm, with a washer and a hexagonal Dimension the views.							g, 25 r gonal r	nm iut. (13)
		(O)	R)						
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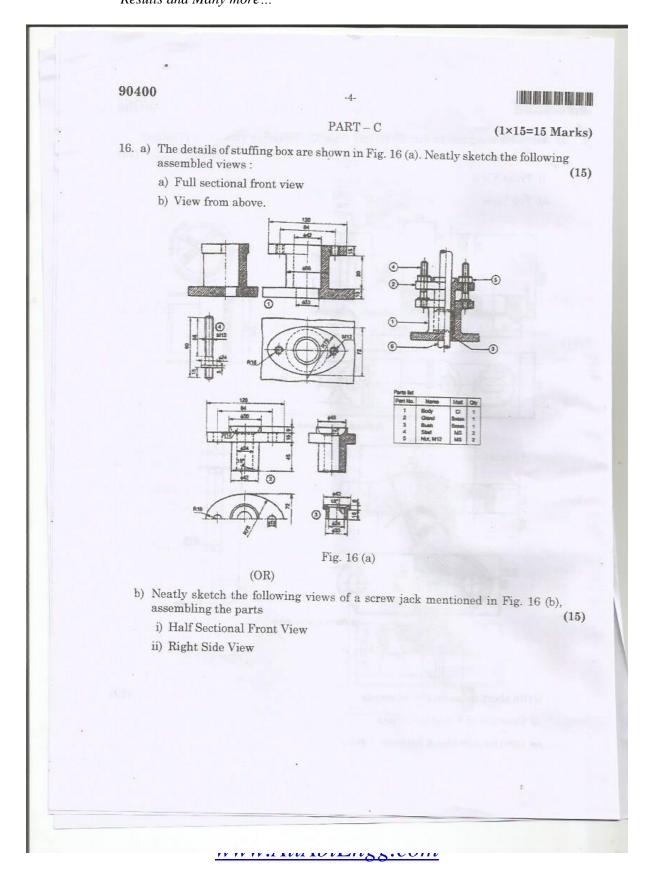
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90400 15. a) Assemble the parts in Fig. 15 (a) and draw the following views of a Plummer block below: (13)i) Front View ii) Top View Fig. 15 (a) (OR) b) Write short notes on the following: (13)i) Creation of bill of materials ii) Interference check between solids. IN IN IN ALLUMINO VERILOS SOCIO

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90400 DETAILS OF SCREW JACK CUP (CAST STEEL) NUT (GUN METAL) (MILD STEEL) TOMMY BAR (MILD STEEL) 5038x7 ₱100, Deep 3 Ø140 SCREW SPINDLE (MILD STEEL) BODY (CAST IRON) Fig. 16 (b) IN IN IN ALLUMINO DELINES . COLL