

NETTUR TECHNICAL TRAINING FOUNDATION DIPLOMA IN TOOL ENGINEERING & DIGITAL MANUFACTURING - CP01 II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION – JULY 2023

	•	Engineering Code: CP0120	Total Time: 3H Total Marks: 70					
<u>Time :15 min</u>				<u>art A</u>		Marks:1	<u>5</u>	
1.0 FILL IN THE BLANKS					1*5=5			
1.1	CSK	K stands for						
1.2	Maj	or Diameter o	f a thread is indicated by	У				
1.3	The	Tolerance all	owed on both sides is ca	lled				
1.4	Sym	bol for Cyline	dricity is					
1.5	Dim	ension lines a	re drawn as					
2.0	CH	OOSE THE (CORRECT ANSWER			1*5=5		
2.1		is the d	istance a screw advance	axially	v on\in one turn.			
	a)Fl		b)Lead	c)Cr		d)Root	()
2.2	-	-	line for cast iron is		-			
	a)60		b)1 0	c)50		d)45	()
2.3	-	-	stands for					
	,	indamental iation	b)Tolerance Grade	c)Li	mit	d)Fits	()
2.4			ne is degrees					
	a)52		b)42	c)45		d)58	()
2.5	Diff	erence betwee	en upper & lower limit i	s know	n as	,	× ×	
		olerance	b)Deviation	c)Fit		d)None of these	()
3.0	MA	TCH THE F	OLLOWING			1*5=5		
		-	Α			В		
	3.1	20+/-0.02		a)	Unilateral tol	erance		
	3.2	Hatching Ar	ngle	b)	Dimension li	ne		
	3.3	6+0.0.1	-	c)	Hidden line			
	,		Bilateral tole	rance				
	3.5	Continuous	thin	e)	29*			
				f)	45*			

3.1	3.2	3.3	3.4	3.5

NETTUR TECHNICAL TRAINING FOUNDATION

DIPLOMA IN TOOL ENGINEERING & DIGITAL MANUFACTURING-CP01

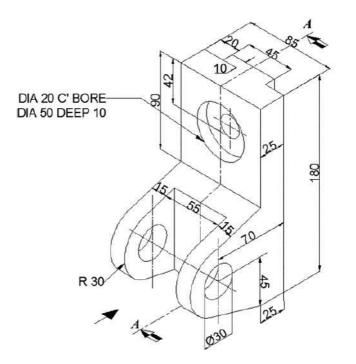
II SEMESTER REGULAR & SUPPPLEMENTARY EXAMINATION-JULY 2023

SUBJECT: ENGINEERING DRAWING SUBJECT CODE: CP01204P	TOTAL MARKS: 70 TOTAL TIME: 3H	
	MARKS: 55 TIME: 2H 45M	
1.0 ANSWER ANY FOUR OF THE FOLLOWING	4 X 4 = 16	
1.1 Explain briefly about Offset sectioning.		
1.2 What is revolved sectioning and removed sectioning? 1.3 Define the hole basis and shaft basis system		
1.4 Draw the neat sketch of internal thread and label it		
1.5 Explain briefly about Aligned sectioning with neat sketch		
1.6 What is functional and non-functional dimension?		
2.0 ANSWER ANY THREE OF THE FOLLOWING	3 X 6 = 18	
2.1 Draw the surface texture symbol and show its salient features.		
2.2 Draw the symbols for the following geometric characters		
a) Circularity b) Profile of a surface c) Circular Run out d) Position		
2.2 e) Concentricity f) Angularity		
2.3 Define Direction of lay draw any five symbol with example		
2.4 Write the roughness values and Roughness grade symbols for		

N1,N2,N3,N4,N5,N6

3.0 ANSWER THE FOLLOWING

3.1 Draw the full sectional front view and top view of the given figure in the first angle projection and dimension it.

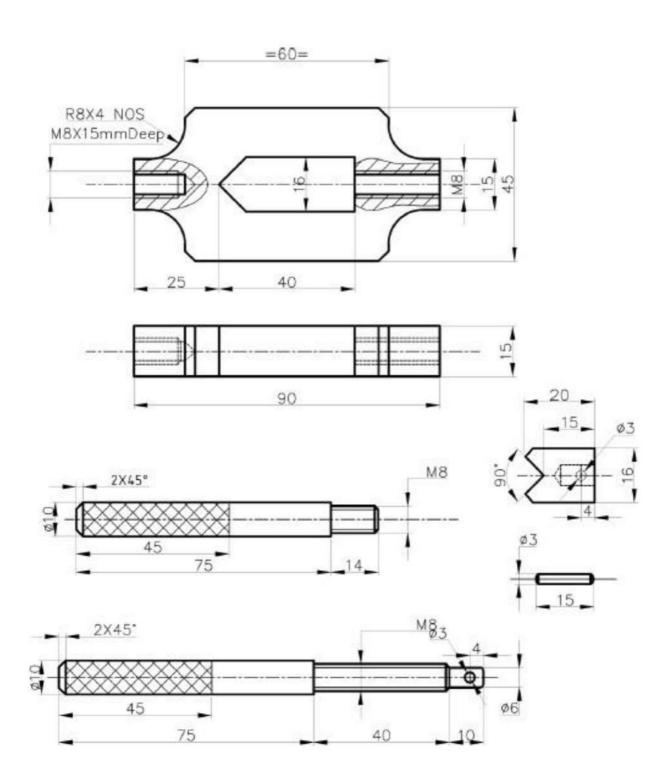


1 X 8 = 8

4.0 ANSWER THE FOLLOWING

1 X 13 = 13

4.1 Draw the Assembly view for the given elements with BOM



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