18/A/C/S-1/4E

Booklet Series - A

036/227

PAPER-I FITTER (THEORY & EMPLOYABILITY SKILLS) SEMESTER - I

TIME: 3 HRS.

7.

Prussian blue is a: a) Marking tool

MARKS: 200

Note: This paper contains two parts - Part A & Part B.

Attempt all the questions.

All questions carry equal marks.

This paper carries negative marking. 25% marks will be deducted for each wrong answer.

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Choo	se the correct answer	PARI-A (THEORY)	(150)
1.	What is the full form of CTC? a) Carbon Tetra Chloride c) Calcium Tetra Chloride		b) Carbon Tin Chlor d) None of these	ide
2.	Which type of thread a) Acme thread	is used in spindle of lb) V thread	bench vice? c) Square thread	d) Knuckle thread
3.	Which metal is general Mild steel	rally used to make han b) Cast iron	nmer? c) Wrought iron	d) Cast steel
4.	1° is equal to: - a) 60 seconds	b) 60 minutes	c) 360 minutes	d) 360 seconds
5.	Offset scriber is used	to: -		
	a) Vernier caliperc) Vernier micromete		b) Vernier height gau d) None of these	ige
6.	Which of the following a) Cross cut chiseld: C) Bull nose chiseld	ng is not a type of chis	sel? b) Round nose chisel d) Diamond point chi	

b) Measuring tool

c) Marking media

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Contd....2

d) All of these

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036/227

8.	Datum line is also ki			
	a) Centre line	b) Outline	c) Reference line	d) None of these
9.	V-Block is made of: a) Close grained cast		b) Aluminium	
	c) Mild steel		d) None of these	
10.	Point angle of scribe a) 60°	r is: - b) 12 – 15°	c) 5 – 6°	d) None of these
		0) 12 13	c) 5 = 0	d) None of these
11.	Classification of file	is not done on the basi	is of: -	
	a) Grade	b) Size	c) Cut	d) Angle
12.	Which property leads	s a metal to be drawn i	nto vvino?	
	a) Malleability	b) Ductility	c) Elasticity	d) Plasticity
13.	The nut used to fix b	ladé in hacksaw frame	is known as: -	
	a) Dome nut	b) Thumb nut	c) Wing nut	d) Castle nut
14.	Distance between two	o adjacent teeth of hac	ksaw is known as: -	
	a) Volume	b) Velocity	c) Field	d) Pitch
15.	Which drilling machi	ne is used in mass pro-	duction?	
	a) Bench type drilling machinec) Portable type drilling machine		b) Pillar type drilling machine d) Gang type drilling machine	
16.	File is made up of: -			
	a) Stainless steel	b) Mild steel	c) High carbon steel	d) None of these
1.7	TDI 1 OI OI OI			
17.	The shape of beak in a) Camel	anvil is like: - b) Elephant	c) Cow horn	d) Butterfly
18.	The head of soldering iron is made of: -			
	a) Cast iron	b) Mild steel	c) Copper	d) Tin
				Contd 3

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19.	The sides of sheet a) Seam	are folded to make the b) Hem	em safe and strong. These c) Band	e folds are called: - d) Rib		
20.	Filler metal of braz	ing is: -				
	a) Solder	b) Spelter	c) Both (a) & (b)	d) None of these		
			(1) 55 (5)	d) None of these		
21.	The thickness of sheet metal is measured by which guage?					
	a) Snap guage	b) Feeler guage	by which guage?			
	, 10 8	o) recier guage	c) Wire guage	d) None of these		
22.	The tool used give	Support while her di	1			
	a) Fuller	b) Flatter	sheet metal, is known as	3: -		
		o) I fattel	c) Snip	d) Stake		
23.	Length of snap head	Length of snap head rivet is given by the formula:				
	a) $L = 2d$	b) I = T + 0.64	Iormula: -			
	,	b) $L = T + 0.6d$	c) $L = T + 1.5d$	d) None of these		
24.	That part of hammer	which is used for strik	zina is knovem os.			
	a) Pein	b) Face	c) Cheek	1\ D		
		5) 1 400	c) cheek	d) Eye hole		
25.	This part prevents the	e motion of micromete	ora animala.			
	This part prevents the motion of micrometers spindles: - a) Ratchet stop b) Split internal thread					
	c) Tapered nut		b) Split internal thread			
			d) Locking device or le	ock nut		
26.	Vernier Caliners' inv	entor 'Pierra Vamian'	1-11-10			
	a) Italy	h) Germany	hailed from which of the	e following country?		
		b) Germany	c) France	d) None of these		
27.	In Normalising proce	se hot stool is mad-	11 011			
	a) By immersing it in	oil	ool by following: -			
	b) By keening it in sti	Il air at room tomes	4			
	b) By keeping it in still air at room temperature c) By leaving it in cold air					
	d) By immersing it in	Water				
	, James on III	water				
28.	Bent snip is used for:	,				
	a) For removing burr	-				
	c) For bending sheet		b) For making hole on	sheet		
	-/ - or conding sheet		d) For cutting sheet wit	h curved lines		



18/A/C/S-1/4E

036/227

29.	Which rivet is appra a) Snap head rivet c) Divided or bifurd		of soft metal like leather, plastic, etc. b) Pan head rivet d) Counter sunk head rivet	
30.	Which vice is used a) Hand vice	in forging shop? b) Bench vice	c) Leg vice	d) Pin vice
31.	Which type of device a) Direct measuring c) Both (a) & (b)	ce or instrument the cali instrument		g instrument
32.	Which is the most ca) Copper	onductive metal of elect b) Aluminium	tricity? c) Gold	d) Iron
33.	The forging of cast a) Softness	iron is not possible due b) Brittleness	to which property? c) Ductility	d) None of these
34.	Power hammer mos a) By hand	tly operated by which on b) By electricity	f the following: - c) Both (a) & (b)	d) None of these
35.	What happens by incase a) Hardness increase	creasing the amount of ces b) Rigidity increases	carbon in steel? c) Rigidity decreases	d) Ductility increases
36.	The filing of wood, a) Curved file	rubber etc. is done by w b) Single cut file	hich of the following f c) Double cut file	ile? d) Rasp cut file
37.	Where the hatchet st a) For riveting		c) For folding sheets	d) None of these
38.	Pinning of file is rer a) File card	moved by: - b) File handle	c) Wire brush	d) Dresser
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39.	Why soft jaws are used in vice? a) To protect the finished surface c) To hold the job more strongly		b) To protect the jaws of the vice d) To protect the file		
40.	should be inte	ended before marking.			
	a) Reference point	b) Centre point	c) Parameter point	d) Internal poin	t
41.		ing is not related to ma b) Prussian Blue		d) None of thes	e
42.	marking n a) Prussian Blue	nedia takes too much t b) Chalk powder	ime to get dry and it m c) Copper sulphate		e
43.	Maximum keys are r a) High speed steel		c) Cast iron	d) Pig iron	
44.	of 40.53 mm, then w	hat will be the accurat	erometer. If the microme e readings? c) 40.83 Millimeter		
45.	With the help of Verthe of 1°.		any angle can be measu	re upto the accura	acy of
	the of 1°. a) 10^{th} Part	b) 12 th Part	c) 9 th Part	d) 4 th Part	
46.	While marking from a way that: -	Vernier height gauge,	it should be moved by	holding its base i	n such
	a) Main scale shouldb) Zero error or mainc) Main scale should	scale should check not bend			
	d) Base of the offset	scriber should be paral	llel to the surface plate		
47.	Cyaniding and Nitrid a) Hardening	ing are the two method b) Case Hardening	ds of which of the follo c) Tempering	owing process? d) Normalizing	
48.	Zinc coated sheet is la) Tin coated sheet c) Stainless steel	known as	b) Galvanized iron sh d) Lead sheet		
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Which tool is used to cut excessive thick sheet? 49.

a) Snip

b) Shear

c) Hem

d) None of these

Which of the following stakes gives double ended support? 50.

a) Hatchet stake

b) Half-moon stake c) Creasing iron stake d) Horse stake

