071/2017

Question Booklet Alpha Code



Question Booklet Serial Number

Total Number of Questions : 100

Time : 75 Minutes

Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

- 1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. **A**, **B**, **C** & **D**.
- 2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
- 3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- 4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- 5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
- 6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
- 9. Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- 10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.

11. Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.

- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- 13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

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1. How many times the Preamble of Indian Constitution amended ?													
	(A)	1 (B)	2		(C)	3	(D)	Not amended					
2.	Arti	cle 17 of Indian Consti	tution refer	s to _		·							
	(A)	Equality before law		(B)	Free	dom of exp	pression						
	(C)	Abolition of untoucha	ability	(D)	Righ	nt against e	xploitation						
3.	Food	l Security Act was pas	sed in the y	vear _		·							
	(A)	1991 (B)	2001		(C)	2011	(D)	2013					
4.	In 1	836 Vaikunta Swamika	l founded (the Sa	mathu	va Samajam	at	·					
	(A)	Thiruvanandapuram		(B)	Such	nindram							
	(C)	Kannamula		(D)	Varl	kala							
5.	Who was the first Vice President of SNDP Yogam ?												
	(A)	Dr. Palpu		(B)	Sri I	Narayanagi	aru						
	(C)	Kumaranasan		(D)	Non	e of these							
6.	Gur	uvayur Satyagraha sta	rted on										
	(A)	1 st October, 1931		(B)	1 st N	November,	1931						
	(C)	1 st December, 1931		(D)	31 st	December,	1931						
7.	The	basic philosophy of the	e Indian Co	nstitu	tion c	an be foun	d in the	·					
	(A)	Preamble		(B)	Fune	damental R	lights						
	(C)	Directive Principles		(D)	Fun	damental E	Outies						
8.	Who	wrote the book <i>Kairal</i>	eekauthukam	1?									
	(A)	Thycaud Ayya		(B)	Pane	dit Karupp	an						
	(C)	Ayyankali		(D)		odaran Ayy							
A				3									

9.	Adam's Pe	ak is located	in _									
	(A) Syria	(B)	India		(C)	Iran	(D)	Srilanka			
10.	Which amo	ong the follow	ving	is the sma	llest s	tate ir	India ?					
	(A) Sikkin	m (B)	Goa		(C)	Tripura	(D)	Manipur			
11.	D. Udayak	umar, who c	reate	ed the sym	bol of	Rupe	e is from					
	(A) Karna	ataka			(B)	And	hra Pradesh					
	(C) Telan	igana			(D)	Tam	il Nadu					
12.	Who amon	g the followi	ing s	started the	public	ation	Yukthivadi in 19	928 ?				
	(A) Sahoo	daran Ayyap	ppan	l	(B)	Vakl	kom Moulavi					
	(C) Pand	it Karuppan			(D)	Ayy	ankali					
13. Chandu Menon's novel <i>Sarada</i> illustrates												
	(A) the cr	aze for Engl	ish e	education	(B)	the c	rraze for womer	ns freed	lom			
	(C) the cr	caze for polit	ical	power	(D)	the c	raze for litigation	on				
14.	Who wrote the novel Manninte Maril ?											
	(A) O.V.	Vijayan			(B)	C. R	adhakrishnan					
	(C) Cherr	ukad			(D)	G. V	ivekanandan					
15.	Kumaranas	san got immo	ortal	fame as a	great	poet	or <i>Mahakavi</i> for	his	·			
	(A) Veena	apoovu (B)	Nalini		(C)	Lila	(D)	Prarodanam			
16.	The credit	for having la	id th	ne foundati	ons of	west	ern education in	the Ma	alabar area goes to			
	(A) C.M.S	 5. (B)	L.M.S.		(C)	B.E.M.	(D)	None of these			
17.	Virat Kohl	i scored his	four	rth consect	utive	doubl	e century in te	st crick	ket format against			
	(A) Engla	_ · und (B)	West Indie	es	(C)	New Zealand	(D)	Bangladesh			
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18.	Wagon tragedy took place on											
	(A) 20 th August, 1920	(B)	20 th November, 1920									
	(C) 20 th August, 1921	(D)	20 th November, 1921									
19.	Who among the following met with a of Paliyam Satyagraha ?	tragic	death in the police lathi charge on the 100 th day									
	(A) A.G. Velayudhan	(B)	A.K. Gopalan									
	(C) P. Krishna Pillai	(D)	A.K. Velayudhan									
20.	Schedule 1 of Indian Constitution ref	ers to	·									
	(A) Division of powers between Un											
	(B) Anti defection laws											
	(C) India and it's States											
	(D) Languages of India and it's Stat	es										
21.	The teeth angle of a single cut file is :											
	(A) 51 degree (B) 71 degree	5	(C) 60 degree (D) 61 degree									
22.	Which is not a purpose of annealing a	?										
	(A) to relieve strain and strees	(B)	to add cutting ability									
	(C) to eliminate strain and harness	(D)	to soften steel									
23.	The file used for bringing the material											
	(A) Rough file	(B)	, <u> </u>									
	(C) Dead smooth file	(D)	Second cut file									
24.	The ratio of pitch circle diameter to th	ie num	ber of teeth of a spur gear is called :									
	(A) circular pitch (B) addendu	m circ	e (C) land (D) module									
25. The purpose of clapper box in shaping machine is :												
	(A) to lift the tool during return stro	oke										
	(B) to hold the tool rigidly											
	(C) for giving depth of cut											
	(D) none of these											

26.	5. A screw thread micrometer measures which portion of a screw thread ?									
	(A) major diame	eter of thread	(B)	dept	h of thread					
	(C) core diamete	er of thread	(D)	pitcl	n diameter of th	nread				
27.	Device which hold		ates and gu		U	0	-			
	(A) fixture	(B) jig		(C)	stopper	(D)	none of these			
28.	Bearings made to	take thrust fror	n one direct	tion a	re classifieds as	:				
	(A) needle beari		(B)		r bearing	-				
	(C) tapered rolle	U	(D)	ball	bearing					
29.	29. Which type of caliper used for locating centre of round jobs ?									
	(A) leg and point caliper				B) outside caliper					
	(C) spring joint	caliper	(D)	inside caliper						
•	30. The part which is not essential for thread cutting operation in a centre lathe is :									
30.	-		-							
	(A) lead screw	(B) tailst	IOCK	(C)	change gear u	init	(D) halfnut			
31.	Point angle of gen	eral purpose tw	vist drill is :							
011	(A) 120 degree		egree	(C)	119 degree	(D)	118 degree			
			0	~ /	0	~ /	0			
32.	Softest part of a h	ammer head is	known as :							
	(A) cheek	(B) face		(C)	pein	(D)	handle			
33.	Device used for he	0 0	-			chine sp		;:		
	(A) drift	(B) sock	et	(C)	chuck	(D)	sleeve			
34.	What is the use of	a cross cut chi	aal 2							
54.		ways and groov								
	(B) corner squar		765							
	. , _	ng metals after o	chain drillir	ıg						
	(D) none of thes	0		0						
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35.	What is the least count of a metric outside vernier micrometer ?											
	(A)	0.01 mm	(B)	0.02 mm		(C)	0.001 mm	(D)	0.002 mm			
36.	Fund	ction of coolant ir	n a me	etal cutting	operat	tion is	:					
	(A)	to prevent corro	osion									
	(B)	flush the chips f	from o	cutting edge	9							
	(C)	to carry away h	ieat g	enerated du	iring c	cutting	g operation					
	(D)	all of these										
37.	The	process of shapin	ig of t	he grinding	whee	el is kr	nown as :					
	(A)	dressing	(B)	truing		(C)	cleaning	(D)	loading			
38.	How	much is the leas	st cou	nt of a vern	ier bev	vel pr	otractor?					
	(A)	5 minutes	(B)	5 seconds		(C)	1 minute	(D)	1 degree			
39.	Whi hole		ces a	flat seat for	bolt l	nead,	washer or nut at	the o	pening of a drilled			
	(A)		(B)	spot facin	a	(C)	(C) counterboring		rooming			
	(Л)	channering	(D)	spot facili	8	(C)	counterborning	(D)	Teaning			
40.	For	a three start threa	d nite	rh is equal t	·0 ·							
10.			-	-		three times the lead						
	(C)	half of the lead	icuu		(D)		ll to lead					
	(C)	null of the lette			(D)	eque	ii to icuu					
41.	Wha	t is the included	angle	of a worm	thread	1?						
	(A)	60 degree	(B)	55 degree		(C)	45 degree	(D)	29 degree			
	()		(2)			(0)	10 0000100	(2)	_,			
42.	Plug	tap is used for :										
	(A)	making thread i	in a b	lind hole	(B)	for s	tarting a thread					
	(C)	for making left			(D)		naking fine threa	d				
	(-)				(-)							
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43. If a clearance fit is obtained in a hole basis system, the tolerance zone of the shaft must be :

- (A) above the tolerance zone of the hole
- (B) same as the tolerance zone of the hole
- (C) below the tolerance zone of the hole
- (D) above or equal to the tolerance zone of the hole

44. Carbon content of cast iron ranges from :

- (A) 1 to 4 percentage (B) 0.8 to 1.5 percentage
- (C) 2 to 4 percentage (D) 0.8 to 3 percentage

45. The jig generally used to drill a number of holes on a component from different angles is :

(A) sandwitch jig (B) box jig (C) table jig (D) post jig

46. Which is not an advantage of taper turning by attachment ?

- (A) both internal and external tapers can be produced
- (B) power feed can be given
- (C) large angle tapers can be produced
- (D) threads on taper portion can be produced

47. The process of dividing the periphery of a workpiece into any number of equal parts is known as :

- (A) peripheral milling (B) parting off
- (C) knurling (D) indexing
- **48.** The slope between front of the cutting edge to a line perpendicular to the axis of the tool drawn downwards is :
 - (A) relief angle (B) rake angle (C) clearance angle (D) point angle
- 49. The bearing surface angle of a centre drill is :(A) 60 degree(B) 120 degree(C) 45 degree(D) 30 degree
- **50.** White metal is an alloy of :
 - (A) copper, tin and zinc (B) copper and zinc
 - (C) tin, copper and antimony (D) copper and tin

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- **51.** When the angle between the shaft is 90 degree and two gears of a pair are equal, they are called :
 - (A) spur gear (B) spiral gear (C) helical gear (D) mitre gear
- **52.** The method of removing metal by pushing or pulling an elongated cutting tool with a number of teeth in though hole or along a surface is known as :
 - (A) broaching (B) boring (C) lapping (D) hobbing
- **53.** The grinding or abrading process mostly used for finishing round holes with the help of bonded abrasive stone is called :
 - (A) lapping (B) buffing (C) honing (D) hot dipping
- 54. The advantage of centerless grinder is :
 - (A) the workpiece being supported throughout its length
 - (B) no centre holes is required
 - (C) the size of workpiece is easily controlled
 - (D) all of these
- **55.** The perpendicular distance measured from the machined surface to unmachined surface is called :
 - (A) feed (B) depth of cut (C) chamfer (D) taper
- **56.** The device used for holding and rotating a hollow workpiece that has been previously drilled is :
 - (A) mandrel (B) collet (C) driving plate (D) centre
- **57.** The operation of machining several surfaces of a workpiece simultaneously by feeding table against a number of cutters is known as :
 - (A) straddle milling (B) profile milling (C) saw milling (D) gang milling
- 58. Which of the heat treatment gives a scale free surface to the component ?
 - (A) flame hardening (B) nitriding
 - (C) induction hardening (D) tempering

59.	Which is not an essential property of a good lubricant ?									
	(A)	viscosity	(B)	adhesivene	ess	(C)	oiliness	(D)	flashpoint	
60.	Whi	ch is not a part of	cent	er lathe ?						
	(A)	Carriage	(B)	Cross rail		(C)	Apron	(D)	Bed	
61.	Accı	aracy of inside m	icrom	eter is						
	(A)	0.01 mm	(B)	0.01 cm		(C)	0.001 mm	(D)	0.02 mm	
62.	Exar	nple of non ferro	us too	ol materials	is					
	(A)	Tungsten			(B)	High	n speed steel			
	(C)	Ceramic			(D)	High	n carbon steel			
63.	The	chemical symbol	of Ac	retulene gas	ie					
00.		C ₂ H ₂			10			(D)	H ₂ F ₂	
	(11)	C2112	(D)	11200		(C)	1121	(D)	11212	
64.		files is use	ed in	causes wher	e a he	eavy r	reduction of mate	rials i	s required.	
	(A)	Smooth file	(B)	Second cut	t file	(C)	Rough file	(D)	Bastard file	
65.	The	size of the bench	vice	is stated by						
	(A)	Overall length					gth of jaw			
	(C)	Width of jaw			(D)		ing length of jaw			
66.	Trv	squares are speci	fied b	v						
		Length of stock				(C)	Width of stock	(D)	Width of blade	
67.	One	micrometer is eq	ual to)	_ •					
	(A)	100 mm	(B)	0.001 mm		(C)	0.0001 mm	(D)	0.01 mm	
68.	Steel	l rules are made o	of							
	(A)	Stainless steel			(B)	Higł	n carbon steel			
	(C)	High speed steel	l		(D)	All c	of these			
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A

Jenn	y caliper also ca	lled _	· •						
(A)	Outside caliper			(B)	Verr				
(C)	Firm joint calip	ers		(D)	Heri	naphrodite calip	ber		
The	angle of the poir	nt of c	entre punch	is		·			
(A)	60°	(B)	30°		(C)	45°	(D)	90°	
The	accuracy of beve	el prot	ractor is		·				
(A)	±1°	(B)	$\pm 0.5^{\circ}$		(C)	5″	(D)	5'	
Stan	dard length of h	acksa	w blade is _						
(A)	100 mm	(B)	300 mm		(C)	200 mm	(D)	400 mm	
For	cutting high spee	ed stee	el	_ mm pitch hacksaw blade is used.					
(A)	1.8 mm	(B)	0.8 mm		(C)	1 mm	(D)	1.4 mm	
	chisel is t	used f	or squaring	mater	rials a	t the corner, joir	nts.		
(A) Web chisel				(B)	Diar	nond point chise	el		
(C)	Cross cut chisel			(D)	Flat	chisel			
The	weight of an eng	gineer	hammer us	ed for	mark	ing purposes is			
(A)	250 gram	(B)	500 gram		(C)	125 gram	(D)	750 gram	
Curr	ent range of 5 m	ım dia	ameter electi	rode s	ize is	·			
(A)	40 - 60 A	(B)	90 - 130 A	L	(C)	130 - 270 A	(D)	60 - 80 A	
	property	is a n	neasure of m	netals	ability	v to withstand so	cratchi	ng, wear, abrasion.	
(A)	Malleability	(B)	Hardness		(C)	Brittleness	(D)	Tenacity	
The	shape of woodru	ıff key	/ is	·					
(A)	Rectangular	(B)	Square		(C)	Round	(D)	Half round	
				11				071/2017 {P.T.O.}	
	 (A) (C) The (A) The (A) Stan (A) For o (A) (A) (C) The (A) (C) The (A) (A) (C) The (A) (A)<td>(A)Outside caliper(C)Firm joint caliper(C)Firm joint caliperThe angle of the point(A)60°The accuracy of bever(A)$\pm 1^{\circ}$Standard length of he(A)100 mmFor cutting high spece(A)1.8 mm</td><td>(A) Outside caliper (C) Firm joint calipers The angle of the point of c (A) 60° (B) The accuracy of bevel prot (A) $\pm 1^{\circ}$ (B) Standard length of hacksar (A) 100 mm (B) For cutting high speed stee (A) 1.8 mm (B) Current range of s mm dia (A) 250 gram (B) Current range of 5 mm dia (A) 40 - 60 A (B) The shape of woodruff key</td><td>(C)Firm joint calipersThe angle of the point of centre punch(A)60°(B)30°The accuracy of bevel protractor is(A)$\pm 1^{\circ}$(B)$\pm 0.5^{\circ}$Standard length of hacksaw blade is(A)100 mm(B)300 mmFor cutting high speed steel(A)1.8 mm(B)0.8 mmchisel is used for squaring(A)Web chisel(C)Cross cut chiselThe weight of an engineer hammer us(A)250 gram(B)500 gramCurrent range of 5 mm diameter electric(A)$40 - 60 \text{ A}$(B)$90 - 130 \text{ A}$property is a measure of m(A)Malleability(B)Hardness</td><td>(A)Outside caliper(B)(C)Firm joint calipers(D)The angle of the point of centre punch is (A)60°(B)30°The accuracy of bevel protractor is (A)$\pm 1^{\circ}$(B)(A)$\pm 1^{\circ}$(B)$\pm 0.5^{\circ}$Standard length of hacksaw blade is (A)100 mm(B)300 mmFor cutting high speed steel mm(A)1.8 mm(B)0.8 mm(A)1.8 mm(B)0.8 mm(A)Veb chisel(D)The weight of an engineer hammer used for (A)250 gram(B)Storrent range of 5 mm diameter electrode s (A)40 - 60 A(B)90 - 130 A(A)40 - 60 A(B)90 - 130 A(A)The shape of woodruff key is (A)Rectangular(B)Square</td><td>(A)Outside caliper(B)Verr(C)Firm joint calipers(D)HerrThe angle of the point of centre punch is</td><td>(A)Outside caliper(B)Vernier Caliper(C)Firm joint calipers(D)Hermaphrodite calipThe angle of the point of centre punch is</td><td>(A)Outside caliper(B)Vernier Caliper(C)Firm joint calipers(D)Hermaphrodite caliperThe angle of the point of centre punch is.(A)60°(B)30°(C)45°(A)60°(B)30°(C)45°(D)The accuracy of bevel protractor is(A)$\pm 1^{\circ}$(B)$\pm 0.5^{\circ}$(C)$5''$(D)Standard length of hacksaw blade is(A)100 mm(B)300 mm(C)200 mm(D)For cutting high speed steel mm pitch hacksaw blade is used.(A)1.8 mm(B)0.8 mm(C)1 mm(D) chisel is used for squaring materials at the corner, joints.(A)Web chisel(D)Flat chisel.(C)Cross cut chisel(D)Flat chisel.The weight of an engineer hammer used for marking purposes is</td>	(A)Outside caliper(C)Firm joint caliper(C)Firm joint caliperThe angle of the point(A) 60° The accuracy of bever(A) $\pm 1^{\circ}$ Standard length of he(A)100 mmFor cutting high spece(A)1.8 mm	(A) Outside caliper (C) Firm joint calipers The angle of the point of c (A) 60° (B) The accuracy of bevel prot (A) $\pm 1^{\circ}$ (B) Standard length of hacksar (A) 100 mm (B) For cutting high speed stee (A) 1.8 mm (B) Current range of s mm dia (A) 250 gram (B) Current range of 5 mm dia (A) 40 - 60 A (B) The shape of woodruff key	(C)Firm joint calipersThe angle of the point of centre punch(A) 60° (B) 30° The accuracy of bevel protractor is(A) $\pm 1^{\circ}$ (B) $\pm 0.5^{\circ}$ Standard length of hacksaw blade is(A) 100 mm (B) 300 mm For cutting high speed steel(A) 1.8 mm (B) 0.8 mm chisel is used for squaring(A)Web chisel(C)Cross cut chiselThe weight of an engineer hammer us(A) 250 gram (B) 500 gram Current range of 5 mm diameter electric(A) $40 - 60 \text{ A}$ (B) $90 - 130 \text{ A}$ property is a measure of m(A)Malleability(B)Hardness	(A)Outside caliper(B)(C)Firm joint calipers(D)The angle of the point of centre punch is (A)60°(B)30°The accuracy of bevel protractor is (A) $\pm 1^{\circ}$ (B)(A) $\pm 1^{\circ}$ (B) $\pm 0.5^{\circ}$ Standard length of hacksaw blade is (A)100 mm(B)300 mmFor cutting high speed steel mm(A)1.8 mm(B)0.8 mm(A)1.8 mm(B)0.8 mm(A)Veb chisel(D)The weight of an engineer hammer used for (A)250 gram(B)Storrent range of 5 mm diameter electrode s (A)40 - 60 A(B)90 - 130 A(A)40 - 60 A(B)90 - 130 A(A)The shape of woodruff key is (A)Rectangular(B)Square	(A)Outside caliper(B)Verr(C)Firm joint calipers(D)HerrThe angle of the point of centre punch is	(A)Outside caliper(B)Vernier Caliper(C)Firm joint calipers(D)Hermaphrodite calipThe angle of the point of centre punch is	(A)Outside caliper(B)Vernier Caliper(C)Firm joint calipers(D)Hermaphrodite caliperThe angle of the point of centre punch is.(A) 60° (B) 30° (C) 45° (A) 60° (B) 30° (C) 45° (D)The accuracy of bevel protractor is(A) $\pm 1^{\circ}$ (B) $\pm 0.5^{\circ}$ (C) $5''$ (D)Standard length of hacksaw blade is(A)100 mm(B)300 mm(C)200 mm(D)For cutting high speed steel mm pitch hacksaw blade is used.(A)1.8 mm(B)0.8 mm(C)1 mm(D) chisel is used for squaring materials at the corner, joints.(A)Web chisel(D)Flat chisel.(C)Cross cut chisel(D)Flat chisel.The weight of an engineer hammer used for marking purposes is	

79.	The	purpose of annealing is	_ ·										
	(A)	To add cutting ability											
	(B)	To soften the steel											
	(C)	To refine the structure of the stee	1										
	(D)	To induce toughness											
80.		lifference between maximum limit ·	of size	ze to its corresponding basic size of a component									
	(A)	Actual deviation	(B)	Tolerance									
	(C)	Upper deviation	(D)	Clearance									
81.	If the	If the plug gauge have Go and No Go same side then it is called											
	(A)	Progressive plug gauge	(B)	Double ended plug gauge									
	(C)	Taper ring plug gauge	(D)	Thread plug gauge									
82.	A steel which contains just 0.8% carbon then it is called												
	(A)	Hypo eutectoid steel	(B)	Eutectoid steel									
	(C)	Hyper eutectoid steel	(D)	Plain carbon steel									
83.	High carbon steel contain % of carbon.												
	(A)	0.3 to 0.8 (B) 0.1 to 1.5		(C) 0.8 to 1.4 (D) 0.15 to 0.3									
84.	At th	ne time of arc welding	is use	ed to protect the body.									
	(A)	Dankry (B) Coat		(C) Glass (D) Apron									
85.	Whic	ch machine is used to convert the .	AC ma	nain supply into an AC welding supply ?									
	(A)	AC welding transformer	(B)	DC welding transformer									
	(C)	Rectifier	(D)	Motor generator set									
86.	Zinc	coated iron is known as											
	(A)	Black iron	(B)	Galvanized iron									
	(C)	Stainless steel	(D)	Wrought iron									
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87.	The most commonly used rivet head is										
	(A)	Pan head			(B)	Cou	nter sunk head				
	(C)	Conical head			(D)	Snap	o head				
88.		is the low	ver cr	itical tempera	ature	for p	lain carbon steel.				
	(A)	723°C	(B)	750°C		(C)	900°C	(D)	695°C		
89.		are used	to pr	oduce interna	al thi	reads.					
	(A)	Die	(B)	Chaser		(C)	Thread roller	(D)	Тар		
90.		is a form	ing oj	peration in a	lathe	2.					
	(A)	Turning	(B)	Facing		(C)	Knurling	(D)	Threading		
91.	What is the grade of angle plate used for general machine shop work ?										
	(A)	Grade 1	(B)	Grade 2		(C)	Grade 3	(D)	Grade 0		
92.	Den	sity of steel is									
	(A)	7.85 gm/cm ²	(B)	8.85 gm/cr	n ²	(C)	7.75 gm/cm ²	(D)	7.55 gm/cm ²		
93.	The	point angle of a	chisel	for chipping	cast	iron i	is				
	(A)	55°	(B)	37.5°		(C)	60°	(D)	65°		
94.	Wha	at is the correct ta	ap dril	ll size for tap	ping	M10 ⁷	?				
	(A)	8.5 mm	(B)	7.5 mm		(C)	9 mm	(D)	10 mm		
95.	The	purpose of		_ is to restore	the	correc	t cutting action c	of the	grinding wheel.		
	(A)	Loading	(B)	Glazing		(C)	Dressing	(D)	Truing		
96.	limi		ferenc	e between th	ie ma	aximu	m limit of size a	nd the	e minimum size of		
	(A)		(B)	Size		(C)	Tolerance	(D)	Clearance		
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97.	The	No : 80 drill mea	ns		mm.				
	(A)	5.791	(B)	3.264		(C)	1.016	(D)	0.35

98. What is the formula for finding the spindle speed of a lathe ?

(A) $\frac{\pi DN}{1000}$ (B) $\frac{Cs*1000}{\pi D}$ (C) $\frac{\pi D}{1000*Cs}$ (D) $\frac{100*Cs}{\pi D}$

99. The abrasive used for honing of non ferrous metal is ______.

- (A) Diamond (B) Boron carbide
- (C) Aluminium oxide (D) Silicon carbide
- 100. Tempering temperature of screw driver is ______.

 (A) 230°C
 (B) 280°C
 (C) 320°C
 (D) 250°C

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