SUB-DISCIPLINE: WORKSHOP TECHNOLOGY

Chapter: Smithing and Forging

01.01.	Forging is a plastic defo a) True	rmation proce	ess. b) Fal	se				
01.02.	02. Low and medium carbon steels are readily forged. a) True b) False							
01.03.	High carbon and alloy state a) True		ily forg b) Fal					
01.04.	Stainless steels are forged specially for aerospace uses.a) Trueb) False							
01.05.	5. Forgeability decreases with temperature upto a point at which grain growth becomes excessive.a) Trueb) False							
01.06.	Which of the following a) Carbon/low alloy stee c) Iron base super alloys	els		rtensitic stainless s	teel			
01.07.	Economical, easily contra a) Gas, oil b) Ele		-	sed furnace is c) Induction heating		d) None		
01.06.	Temperature to begin fo a) 1250 ^o C-1300 ^o C			arbon steel is c) Both	•••••	d) None		
01.09	Brass and Bronze alloys a) 600-950 ^o C	are heated to b) 350°C-50°			<u>.</u>	d) None		
01.10.	Welding is a typical forga) True	ging operation	n b) Fal					
01.11.	Which of the following a) Anvil	is not used in b) Tongs	hand t	forging? c) Feeler	d) Pre	esses		
01.12.	Large machine part can a) True	be forged by	hand. b) Fal	se				
01.13.	Hand forging does not rea) True	equire repeate	ed heat b) Fal	•				
01.14.	Anvil block serves as a r a) True		in pow b) Fal					

01.15.	Heavy falling part of ha a) True	mmer is calle	d ram. b) False	
01.16.	In smith forging the wora) Flat and horizontal	-		
01.17.	Capacity of a hammer is a) Weight		-	d) None
01.18.	Helve hammers are opera) Eccentric	•		d) Toggle
01.19.	Trip hammers are actuat a) Eccentric	•		d) Toggle
01.20.	Lever spring Hammers a a) Rocking level			d) None
01.21.	Pneumatic hammers has a) True	compressor	cylinder and ram c b) False	ylinders.
01.22.	Steam or air hammers in a) True	•	ssor. b) False	

Chapter: Smithing and Forging									
Question									
01.01	a	01.07	a	01.13	b	01.19	d		
01.02	a	01.06	a	01.14	a	01.20	a		
01.03	b	01.09	a	01.15	a	01.21	a		
01.04	a	01.10	a	01.16	a	01.22	b		
01.05	b	01.11	С	01.17	a				
01.06	a	01.12	b	01.18	a				

Chapter: Welding and Related Processes

02.01.	Application of pressure a) True		al is essential in welding.	
02.02.	Plastic welding is also ca) Pressure	alled b) Fusion	welding. c) Non-pressure	d) None
02.03.	Fusion welding is also ca) Pressure	calledv b) Fusion	welding. c) Non-pressure	d) None
02.04.	In cold weldinga) Heat	is ap	•	d) None

02.05.	a) Autogenous	b) Non-autogenou	s c) Both	d) None
02.06.	If welding temperature is a) Plane of weakness			d) None
02.07.	Considerable degree inweldir a) Single run		ent occurs due to 1 c) Both	normalizing d) None
02.08.	Slag and gas inclusions	·	•	d) None
02.09.	Nitrogen appearing as n a) Low impact strength c) Both	eedle on certain pla	nes in crystals causes b) High impact strength d) None	
02.10.	Stresses setup in the wear	ld by shrinkage may	y be relieved by annealing b) False	g.
02.11.	Oxyacetylene welding is a) True	s suitable for sheets	and plates of thickness 2 b) False	2 to 50mm.
02.12.	Flux is employed during a) True	g welding of mild st	eel. b) False	
02.13.	The temperature of oxya a) 2500°C	acetylene flame in i b) 1539 ⁰ C	ts hottest region is about c) 3200°C	d) None
02.14.	Carburizing flame has ea a) Acetylene		c) Air	d) None
02.15.	Carburizing flame is ned a) True	cessary for welding	of brass. b) False	
02.16.		e cylinders are char b) 2kg/cm²	ged to a pressure of c) 154kg/cm ²	d) None
02.17.	Oxygen cylinders are cha) 1kg/cm ²	narged at a pressure b) 2kg/cm ²	of about	d) None
02.18.	Air acetylene welding processes. a) True	process attains h	nigher temperature than	other gas
02.19.	Oxy-hydrogen process va) Low	was used to weld b) High	melting point met	als. d) None

02.20.	Anode isa) Positive	_	pole of DC po b) Negative					d) None
02.21.	1 KWH of electrica) True	city wi	ll create 250 c	alori	es. b) Fa	lse		
02.22.	Two thirds of hea a) Negative	_	nerated near b) Positive		_			d) None
02.23.	Electrode connect connected to negative a) True			will	burn b) Fa	-	ster tl	nan that is
02.24.	A.C. welding tranthe normal open c				usual		e (200)-400V) to
	a) 50-90V		b) 150-200V			-50V		d) None
02.25.	The electric energ	gy cons	sumption per	kg of	f depos	sited metal in	A.C.	welding is
	a) 3-4kWH		b) 6-10kWH		c) 4-6	6kWH		d) None
02.26.	The motor in a D. a) 0.3 to 0.4	C. wel	ding has a pov b) 0.6 to 0.7			f		d) None
02.27.	Open circuit (No a) True	load) v	oltage is high	er tha	an arc b) Fa	•		
02.28.	With D.C. current a) 30 to 35 V	_		tage	must b			d) None
02.29.	Mean total ampera) 70A	e for a b) 105		le is a	about c) 14			d) None
02.30.	Mean total ampera) 70A	e for a b) 105		rode	is abo			d) None
02.31.	Resistance welding a) True	ng uses	pressure to co	ompl	ete the b) Fa			
02.32.	For joining parloadsis	s used.	-			_	and	
02.33.	a) Soft solderingSolder composeda) 150-350°C	of lead	l and tin has a	melt		•		d) None d) None

02.34.	Flux is used to prevent. a) Oxidation			d) None
02.35.	Flux is used to dissolv heating process.	ve that settle	e on the metal surfa	ces during
	a) Oxides	b) Rusts	c) Carbides	d) None
02.36.	Lead percent and a) 37, 63			d) 58, 42
02.37.	Lead percent and a) 37, 63			
02.38.	Leadperce a) 37, 63			nn solder. d) 58, 42
02.39.	Brazing gives stronger j a) True	oint than soldering.	b) False	
02.40.	Spelter is used in a) Brazing		c) Both	d) None
02.41.	Spelter fusesred he joined.			
	a) Above, below	b) Below, above	c) Both	d) None
02.42.	Silver base alloys spelte a) 150-350°C	or has a melting range of b) 600-850°C	c) 350 ^o C-600 ^o C	d) None
02.43.	Maximum percent a) 20	wear in Cross section at b) 30	rea is allowed on tamp c) 50	ping tool. d) None
02.44.	facing Electrodes a) Soft	are used for welding of b) Hard	tamping tools. c) Any	d) None
02.45.	Thickness of Tamping 7 a) 140, 70	•	oottom mm is ma 20, 5 d) 70	
02.46.	Reconditioning of tamp a) Gas	_	welding.	d) None
02.47.	For reconditioning of Ta a) Positive	amping Tools,si b) Negative	upply is given to Elec c) Any	trode. d) None
02.48.	One welding layer shou a) True	ld be cooled before doin	ng another layer. b) False	

02.49.	Improper cleaning of su a) Improper penetration			Cracks d) None	e
02.50.	High current and more A a) Lack of Fusion			s d) None	e
02.51.	Excess heat generation (a) Lack of Fusion			mation d) None	e
02.52.	For welding of BCM turnal 350BHN	rret gear hardness o b) 100BHN		is maintained. d) None	e
02.53.	For welding of turret gea) C-2RL	arelectro b) 2B	ode of Larsen & c) Both	Tubro is used. d) None	e
02.54.	12 to 14% Mn is availab a) True	ole in main links of	BCM. b) False		
02.55.	During welding of turrer a) Water	t gear half portion i b) Oil	s immersed into c) Acid	d) None	e
02.56.	Reconditioning of cutter a) True	r bar is done by wel	ding. b) False		
02.57.	Grinding is not required a) True	for recondition of	turret gear. b) False		

	Chapter: Welding and Related Processes							
Question	Answer	Question	Answer	Question	Answer	Question	Answer	
02.01	b	02.16	a	02.31	a	02.46	b	
02.02	a	02.17	c	02.32	a	02.47	a	
02.03	c	02.18	b	02.33	a	02.48	a	
02.04	b	02.19	a	02.34	a	02.49	a	
02.05	С	02.20	a	02.35	a	02.50	b	
02.06	b	02.21	a	02.36	a	02.51	С	
02.07	b	02.22	b	02.37	b	02.52	a	
02.06	b	02.23	a	02.38	d	02.53	b	
02.09	a	02.24	a	02.39	a	02.54	a	
02.10	a	02.25	a	02.40	b	02.55	a	
02.11	a	02.26	b	02.41	a	02.56	a	
02.12	b	02.27	a	02.42	b	02.57	b	
02.13	С	02.28	a	02.43	a			
02.14	a	02.29	С	02.44	b			
02.15	a	02.30	b	02.45	С			

Chapter: Bench Work and Fitting

03.01.	a) True	oth jaws movable.	b) Fal	se	
03.02.	Vice jaws have re a) True	placeable jaw plate	es. b) Fal	lse	
03.03.	For common work a) 80-140mm	k vice jaw opening b) 95-180mm		 c) 400-500mm	d) None
03.04.	Philips screw driv a) Flat	ver hasshape. b) Star		c) Any	d) None
03.05.	_	w drivers, jobs b) should not be	_	t in hand. c) Any	d) None
03.06.	For taking out Cira) External	rclip from engine-pi b) Internal	iston	Circlip pliers is used. c) Both	d) None
03.07.	For screwing/unsoa) Open ended	crewing rail clamp. b) Adjustable		spanner is used-c) Box	d) C
03.08.	Allen bolts have	b) Hex groove in h	nead	c) Slot in head	d) None
03.09.	Stud extractor is ua) True	used for removing b	oroken b) Fal		
03.10.	Chisels available (a) Hot	on machines are not b) Cold	rmally		d) None
03.11.	Hacksaw blade sh a) Away from		teeth s	lope from hand c) Any	le. d) None
03.12.	During Hacksaw (a) Forward	cutting force is morb) Backward	e in	stroke.	d) None
03.13.	Hacksaw operatio a) 40-50	n should be done b) 10-20	St	crokes in one minute.	d) None
03.14.	Hard material sho a) Small	uld be applied b) Large	forc	es in Hacksaw cutting. c) Any	d) None
03.15.	For threads repair a) Flat	File is t	ised.	c) Square	d) Any

03.16. Files are hence should be placed carefully. a) Brittle b) Tough c) Lined							d) None
03.17. Lip angle of drill-bil for general work is							d) None
	There are	tap b) Two	-		Three		d) Four
	Cap drill size T a) 0.61p				Tap size – p		d) None
	Cap should be round O Quarter round						d) None
		Chante	er: Bench W	Vork and	Fitting		\neg
	Question	Answer	Question	Answer	Question	Answer	\dashv
	03.01	b	03.08	b	03.15	b	-
	03.02	a	03.09	a	03.16	a	
	03.03	b	03.10	b	03.17	a	
	03.04	b	03.11	a	03.18	С	
	03.05	b	03.12	a	03.19	b	
	03.06	a	03.13	a	03.20	a	
	03.07	d	03.14	a			7
04.01.0	Go and no-go g		Measureme				
	i) True	gaages ie v		b) False	1131011.		
04.02. International standard meter is equal to 1650763.73 vacuum wave length of orange radiation of Krypton-85. a) True b) False							
	Micrometer is an incomplete incomplete is an incomplete incomplete is an incomplete incomp		standard i) Length	nstrument	c) Both		d) None
	Graduated rule a) Precision		aI O) Non-Preci		c) Both		d) None

04.06. In micrometer, beveled edge thimble divided external of is into.....equal parts. a) 50 b) 10 c) 100 d) None

d) None

c) Both

b) Non-Precision

04.05. Vernier-Calliper is a.....Instrument.
a) Precisionb) Non-Precision

04.07.	a) 1mm	b) 0.5mm	••••••	c) 2mm	d) 10mm
04.08.	Least count of microm 0.5mm will be		divisions	s on thimble a	nd pitch equal to
	a) 0.01mm	b) 0.02mm		c) 0.1mm	d) 0.2mm
04.09.	Reading of micrometer passed reference line on a) True		e reading b) False	+ Least count	x No. of divisions
04.10.	Vernier-Caliper has Ve main scale. The Least c a) 0.01mm			c) 2mm	pond to 49mm on d) None
04.11.	Reading of Caliper = M a) True	ain scale read	ding + Lea b) False	ast count x Veri	nier scale reading.
04.12.	Comparators are used for a) True	or simple and	accurate (b) False	comparison of j	parts.
04.13.	In dial Indicator with indicatestrave a) 1mm		ions, turi	n of pointer c) 0.02mm	
04.14.	Optical comparators suf a) True	ffer less wear	during us b) False	age than the me	echanical type.
04.15.	Protractor is used for a) Linear	measurem b) Angular	ent.	c) Both	d) None
04.16.	Direct measurement of a) Bevel protractor	angle is done b) Sine Bar	by	 c) Both	d) None
04.17.	Where precision in mea a) Bevel gauge	surement of a b) Angle ga	_	_	is used. d) None
04.18.	Taper micrometers are tall a) True	ten times fast	er than old b) False	der conventiona	al methods.
04.19.	Gripping of ring spanne a) True	er is better tha	n open en b) False	d spanner.	
04.20.	Screwing and unscrewing a) Open end spanner	•		 c) Both	d) None

	Allen Key is used forhead bolts. a) Hex b) Round c) Both						
	2.22. Allen key consistssides (faces). a) 6 b) 4 c) 3				c) 3		d) None
	Ving nuts are) True	used for tig	htening/lo	osening had b) False	eksaw.		
	inisher tap ha		nreads grou) 3-5	und in Tapp	c) 1-2		d) None
	Which of the f) Graduated s	_		-			r? d) None
	Vhich of the f Fix jaw	_	not a com) Depth G	-	ernier cal c) Thin	-	d) None
		Chantare	Maggurar	nent and Ir	enection		
Questi	on Answer	Question			Answer	Question	Answer
04.01	b	04.06	a	04.15	b	04.22	a
04.02	a	04.09	a	04.16	a	04.23	a
04.03	a	04.10	b	04.17	b	04.24	С
04.04	b	04.11	a	04.17	a	04.25	b
04.05	a	04.12	a	04.19	a	04.26	С
04.06	a	04.13	b	04.20	a	01.20	
04.07	b	04.14	a	04.21	b		
05.01. A	A system which	Chapter: I				_	y with any
S	mating component; both being chosen at random is called interchangeable system or a system of limits and fits. a) True b) False						
05.02. Selective assembly is that in which each part must be selected to fit its mating part. a) True b) False							its mating
05.03. Basic size is the size in relation to which higher limits of variation determined.						riation are	
a) True			b) False			
	Nominal size i) True	s used in th	e precision	n measurem b) False	ent of part	ts.	

05.05.	Upper deviation is positive or zero. a) True	b) False
05.06.	Lower deviation is positive or zero. a) True	b) False
05.07.	Tolerance is equal to algebraic d deviations and has an absolute value a) True	ifference between the upper and lower without sign. b) False
05.08.	Tolerance is the difference between limit of size. a) True	the maximum limit of size and minimum b) False
05.09.	$25^{+0.05/-0.03}$ is an example of unilateral a) True	tolerance. b) False
05.10.	In an example $40^{+0.08/-0.02}$ tolerance is a) True	0.10mm b) False
05.11.	Enveloping surface is male part. a) True	b) False
05.12.	Enveloped surface is female parta) True	b) False
05.13.	certain degree of tightness or loosene	
05.14.	a) TrueWhen shaft is smaller than hole, the aa) True	b) False allowance is negative. b) False
05.15.	shaft and the smallest possible hole.	e allowance between the largest possible
05.16.		b) False ive allowance between the largest possible
	shaft and smallest possible hole. a) True	b) False
05.17.	Transition fit does not guarantee eith a) True	er interference or a clearance. b) False

Chapter: Limit, Fits and Surface Quality							
Question	Answer	Question	Answer	Question	Answer	Question	Answer
05.01	a	05.06	b	05.11	b	05.16	b
05.02	a	05.07	a	05.12	b	05.17	a
05.03	b	05.06	a	05.13	a		
05.04	b	05.09	b	05.14	b		
05.05	a	05.10	a	05.15	a		

Chapter: Workshop Machines-Lathe machine

	· · · · · · · · · · · · · · · · · · ·	-	_	
06.01.	The first useful from of a) 1700	lathe was made by b) 1800	H. Moudslay in the c) 1900	year d) None
06.02.	In lathe machine operation a) Revolves	ion the work piece . b) Reciprocates		d) None
06.03.	The bed provides invert a) Carriage	ed guide ways for c b) Tool post		t ofd) None
06.04.	The mechanism for driv a) Head Stock	ring and altering spi b) Tail stock	_	d ind) None
06.05.	For supporting the other a) Head Stock	end of work piece b) Tail stock		d) None
06.06.	Cross slide is used to gi a) Longitudinal		ne tool. c) Both	d) None
06.07.	Graduated Circle base is a) Saddle	•	c) Compound rest	d) None
06.08.	In facing operation tool a) Perpendicular			of the job. d) None
06.09.	Straight turning is the la a) Parallel	the operation in wh		to the lathe axis. d) None
	In thread cutting longitute to be cut per revolution		uld bethe p	itch of the thread
	a) Equal to	b) Less than	c) Greater than	d) None
06.11.	Embossing a diamond process of	shaped pattern on	the surface of a w	vork piece is the
	a) Turning	b) Chamfering	c) Knurling	d) Milling

Chapter: Workshop Machines-Lathe machine							
Question Answer Question Answer Question Answer Question Answer						Answer	
06.01	b	06.04	a	06.07	c	06.10	a
06.02	a	06.05	b	06.08	a	06.11	c
06.03	a	06.06	b	06.09	a		

Chapter: Workshop Machines-Drilling & Boring machine

07.01.		in the process ofb) Tapping		d) None
07.02.	In drill machine da) Head	driving mechanisms are co	ontained in	
07.03.	thread) is		_	-
07.04.	a) T-d is	b) T+2d a process used for enla	·	d) T/2d e hole previously
		curacy to dimension.	c) Milling	
07.05.	The material used a) HSS	l for making drill-bit is b) MS		d) None
07.06.	machine i	is used to bore holes in lar b) Lathe	rge and heavy parts. c) Boring	
07.07.		he is a type of vertical b) Drilling		d) None
07.08.	longitudinally on		_	
07.09.	a) Horizontal bori	pindle 355mm is generall	c) Boring bar y used in b) Portable drilling d) None	
07.10.		g machine the tool tips ar	re made with	d) None
07.11.	In horizontal bori a) Horizontal	ng machine the tool revol b) Vertical	ves in aaxis c) Both a &	
07.12.	Thes a) Head Stock	upports the cutter for bori b) Boring bar	ng operations. c) Saddle	d) None

Chapter: Workshop Machines-Drilling & Boring machine							
Question	Answer	Question	Answer	Question	Answer	Question	Answer
07.01	c	07.04	a	07.07	c	07.10	c
07.02	a	07.05	a	07.06	b	07.11	a
07.03	С	07.06	c	07.09	a	07.12	b

Chapter: Workshop Machines-Shaper & Planner

08.01.	Ram is a compon	ent of		
	a) Shaper	b) Drilling machine	c) Boring Machine	d) None
08.02.	In a shaper mater	ial cutting takes place in	stroke.	
	-	b) Reverse	c) Both	d) None
08.03.	In a shaper the fo	rward to return stroke time	e ratio is	
	a) 3:1	b) 3:2	c) 2:1	d) None
08.04.	Shaper tool for ha	ard materials is		
001011	-	b) Carbide tipped		d) None
08.05.	In a Shaper	reciprocates.		
	•	b) Job	c) Both a & b	d) None
08.06.		are held vertically in the t	ool head mounted on cross	s-rail.
	a) True		b) False	
08 07	In a planer	reciprocates.		
00.07.	a) Tool	-	c) Both a & b	d) None
	<i>u)</i> 1001	0) 000	c) Both a cc o	a) I tolle
08.08.	In a shaper feed is	s given by the lateral mov	ement of the	
	a) Tool	b) Job	c) Both a & b	d) None
08 09	More than one too	ol may be mounted in a		
00.07.	a) Shaper	b) Planner	c) Both a & b	d) None
08 10	For generating fla	at surfaces on heavy parts.	is most suitable	
00.10.	-	b) Planner	\ T > -1	d) None

Chapter: Workshop Machines-Shaper & Planner							
Question Answer Question Answer Question Answer Question Answer							Answer
06.01	a	06.04	b	06.07	b	06.10	b
06.02	a	06.05	a	06.06	a		
06.03	b	06.06	a	06.09	b		

Chapter: Workshop Machines-Slotting & Grinding machine

09.01.	In a slotter the ram hold a) Horizontal axis	ing the tool reby Vertical a	-	a c) Both a &	
09.02.	In a vertical shaper the a a) 2 ⁰	ram can be sw b) 5 ⁰	viveled not m	ore than	to the vertical. d) None
09.03.	Removal of large amour a) Puncher slotter	nt of metal tal b) Precision	-		b d) None
09.04.	The stroke length of ranges from 80 to 900m a) True	_	eral purpose b) False	or precision	n slotter usually
09.05.	In a slotter tool, cutting a) True	pressure acts	perpendicula b) False	ar to the tool	length.
09.06.	In a slotter tool, no side a) True	rake is given.	b) False		
09.07.	Grinding is used to remain a) True	ove comparat	ively little m b) False	aterial 0.25m	m to 0.5mm.
09.08.	Silicon carbide (SiC) is a) Natural	aAb b) Artificial	rasives.	c) Both a &	b d) None
09.09.	Vitrified bond is denote a) True	d by the letter	' 'V'. b) False		
09.10.	Grit (Grain size) denote a) Coarse	•		e	d) Very fine
09.11.	Hardness if bond denote a) Soft	ed by letter Q b) Medium	represents c) Ha	_	d) None
09.12.	Structure denoted by a ca a) Open	ligit less than b) Dense	equal to 8 re c) bot	-	d) none
09.13.	A grinding wheel is r Abrasive type Al ₂ O ₃ . a) True	marked as W	A 46K 5V1 b) False	7. The lette	r 'A' represents

	Chapter: Workshop Machines-Slotting & Grinding machine						
Question	Answer	Question	Answer	Question	Answer	Question	Answer
09.01	b	09.05	b	09.09	a	09.13	a
09.02	b	09.06	a	09.10	c		
09.03	a	09.07	a	09.11	c		
09.04	a	09.08	b	09.12	a		

Chapter: Workshop Machines-Milling machine & Gear cutting

10.01.	Multiple tooth cur a) Lathe	tter is used in b) Slotter	c) Milling Machine	d) None
10.02.	Knee is a compon a) Lathe		c) Milling Machine	d) None
10.03.	Arbor is a composa) True	nent of a column an	d knee type milling mach b) False	ine.
10.04.			nod of Gear manufacturing c) Machining	g is d) None
10.05.	The end mills are a) True	used to cut gears of	f large modules from 20m b) False	m and larger.
10.06.		y a ring of formed bocess	oduction of all the te lades. b) Template proce d) None	
10.07.	_	hod is employed for b) Small	r producingspur ş c) Medium	gear teeth. d) None
10.08.		ot be produced by g b) Cycloidal	·	d) None
10.09.	In formed cutter ra) Very poor	nethod accuracy is. b) Very fine	c) Both a & b	d) None
10.10.	Mathematically coa) Generating		of gears produced in c) Formed cutter	

Chapter: Workshop Machines-Milling machine & Gear cutting								
Question Answer Question Answer Question Answer Question Answer								
10.01	c	10.04	c	10.07	a	10.10	a	
10.02	c	10.05	a	10.06	b			
10.03	a	10.06	a	10.09	a			

Chapter: Workshop Machines-Press, jigs & fixtures

11.01.	In press, metal is a) True	formed to the desire	ired shape without removal of chips. b) False			
11.02.	A punch is usuall the lower end of t	-		press tool which is r	nounted on	
	a) Upper	b) Lower	c) Ei	ther a or b	d) None	
11.03.	A die has an open a) True	ing or cavity to rec	eive the pun b) False	ch		
11.04.	Punches and dies a) HSS	are generally made b) High Carbon St			d) None	
11.05.	•	ching, ah b) Other than cylin	•		d) None	
11.06.	Inthe mail sides of the neutral a) Shearing	al axis.		n and compression	at the two d) None	
11.07.	•	lie two or more cu	• •	tions are accomplis	hed at one	
11.08.	3. A fixture is a device which guides the cutting tool. a) True b) False					
11.09.	Jigs are generally heavier than fixtures.a) Trueb) False					
11.10.	methods before m	-		its measuring and of	ther setting	
	a) True		b) False			

Chapter: Workshop Machines-Press, jigs & fixtures								
Question	Answer	Question	Answer	Question	Answer	Question	Answer	
11.01	a	11.04	a	11.07	a	11.10	b	
11.02	a	11.05	a	11.06	b			
11.03	a	11.06	b	11.09	b			

Chapter: Workshop Machines-Broaching & sawing machine

12.01.	Contoured surface a) True	es cannot be produc	ed by broaching. b) False				
12.02.	A broach is a mul a) True	tiple edge cutting to	ool. b) False				
12.03.	Broaching is poss a) True	sible only on interna	ernal surfaces. b) False				
12.04.		aches are used exte b) Carbide	nsively in the broaching oc c) Both a & b	of cast iron. d) None			
12.05.	Nearly all horizon a) Pull	ntal broaching mach b) Push	c) Both a & b	d) None			
12.06.	•	achine specification b) 1000 x 10 mm	1000-10, stroke length is c) 10 m				
12.07.	•	hay be given at b) The work		d) None			
12.08.		are represented by b) Circular	power hacksaws. c) Rectangular	d) None			
12.09.		ets aree, wavy	b) Standard, skip and hood) None	ok			
12.10.	The three tooth for a) Raker, alternated c) Both a & b	orms aree, wavy	b) Standard, skip and hood) None	ok			

Chapter: Workshop Machines-Broaching & sawing machine							
Question	Answer	Question	Answer	Question	Answer	Question	Answer
12.01	b	12.04	b	12.07	c	12.10	b
12.02	a	12.05	a	12.06	a		
12.03	b	12.06	a	12.09	a		

Chapter: Threads

13.01.	Thread is nothing but a a) True	~	alse	
13.02.	In India hand three a) Left	eads are mostly use b) Right	ed. c) Both a & b	d) None

	Pitch Dia = (Major Dia) a) Single Depth of Thres c) Both a & b	ad	b) Double Depth of Threadd) None			
13.04.	In case of single start that a) Pitch = lead		c) Pitch > Lead	d) None		
13.05.	The angle of inclination a) Angle of Thread		gle c) Both a &	b d) None		
13.06.	Included angle of BSW a) Rounded			d) None		
13.07	British Standard fine the BSW threads. a) Larger		ffective and core decrease of the core of			
13.08.	American National Throof this thread are		_			
13.09.	International Standard Ta) Rounded	·	ead) has roots c) Either a or b			
13.10.	In the Metric thread des a) Nominal dia in mm	_				
13.11.	The depth and thickness a) True	of the square threa b) Fal	-	alf of the pitch.		
13.12.	2. Acme thread is thicker at the root and less thick at the crest.a) Trueb) False					
13.13.	Lead Screw of the lathe a) Acme	is provided with b) Square	thread.	d) None		
13.14.	Coupler of railway carrie	age and electrical beby Knuckle	ulbs use t c) Buttress	hread. d) None		
13.15.	Buttress thread is suitable a) True	le only when the for b) Fal	•	one direction.		

Chapter: Threads							
Question	Answer	Question	Answer	Question	Answer	Question	Answer
13.01	a	13.05	b	13.09	a	13.13	a
13.02	b	13.06	a	13.10	a	13.14	b
13.03	a	13.07	a	13.11	a	13.15	a
13.04	a	13.06	b	13.12	a		

Chapter: Quality Controls

14.01.	Inspection is tool a) True	of quality control.	ol. b) False		
14.02.	In charts for \overline{X} and a) Average		resents	d) None	
14.03.		attributes are called b) c chart	d c) Both a & b	d) None	
14.04.	Control charts for a) p charts	defectives are calle b) c chart	ed c) Both a & b	d) None	
14.05.	In c chart, there ar a) 8	e 200 defects in 25 b) 16.5	machines then UCLc =	 d) 200	
14.06.	In c chart, there as a) 8	re 200 defects in 25 b) 16.5	machines then LCLc =	d) 200	
14.07.	·		l thees c) Both a & b	d) None	
14.08.	Quality and test. a) ISO 9001		el for quality assurance in final c) ISO 9003	inspection d) None	
14.09.	assurance.	mily of internation b) 9004	al standards for quality manag	ement and d) None	
14.10.		form the ISO 9000 d Record what you	requires that you Say what y do. b) False	ou do, Do	

Chapter: Quality Controls								
Question	Answer	Question	Answer	Question	Answer			
14.01	a	14.05	b	14.09	a			
14.02	a	14.06	c	14.10	a			
14.03	a	14.07	a					
14.04	b	14.08	c					