100/2018

Question Booklet Alpha Code



Question Booklet Serial Number

Total Number of Questions: 100	Time: 75 Minutes
Maximum Marks: 100	

- 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.



100/2018

		TT:11 · 1 · 1 · 1							
1.		Hills is located i				\		<i>()</i>	
	(A)	Orissa	(B)	Assam		(C)	Meghalaya	(D)	Tamil Nadu
2.	Of th	ne following pers	onaliti	ies who pr	epared	a Rep	oort on Estimatio	on of P	overty?
	(A)	Abhijit Banerjee	9		(B)	Arav	vind Panagarye		
	(C)	Amiya Kumar l	Bagchi	i	(D)	Sure	sh Tendulkar		
3.	Iden	tify the Central C	Govern	ıment Sche	eme wh	nich is	not related with	h Child	Development :
	(A)	NMBS	(B)	JSY		(C)	PMMVY	(D)	NOAPS
4.	Siler	nt Valley Nationa	l Park	was form	ally ina	ugura	ited by:		
	(A)	Indira Gandhi			(B)	V.P.	Singh		
	(C)	P.V. Narasimha	Rao		(D)	Rajiv	Gandhi		
5.	Asia	's first Butterfly S	Safari I	Park is at :					
	(A)	Thenmala			(B)	Beni	narghatta		
	(C)	Thumboormuzh	ny		(D)	Gur	ıgram		
6.	The	draft of Fifth Five	e Year	Plan was	prepar	ed an	d launched by :		
	(A)	D.T. Lakdawala	a		(B)	D.P.	Dhar		
	(C)	P.C. Mahalanob	ois		(D)	T.N.	Sanker		
7.	The	painting 'Relief o	f Luck	know' is re	elated v	vith :			
	(A)	Lucknow Pact			(B)	1857	Revolt		
	(C)	Partition of Indi	ia		(D)	Cho	uri - Choura		
8.	Who	was the Viceroy	at the	e time of S	alt Maı	rch ?			
	(A)	Lord Linlithgov	V		(B)	Lord	Chelmsford		
	(C)	Lord Irwin			(D)	Lord	Wavell		
A					3				

9.	Who	was the elected preside	ent of the C	Gaya s	essior	of Indian Nat	ional Co	ongress ?
	(A)	C.R. Das		(B)	Moti	lal Nehru		
	(C)	Hakim Ajmal Khan		(D)	Lala	Lajpath Rai		
10.	The	Arya Samaj was founde	ed in the ye	ear :				
	(A)	1883 (B)	1893		(C)	1873	(D)	1875
11.	Chri	stu Mada Chedanam w	as written	by:				
	(A)	Sree Narayanaguru		(B)	Chat	tambi Swamik	cal	
	(C)	Poikayil Yohannan	Blessed Kuriakose Elias Chavara					
12.	The	first Malayalam poet w	ho appeare	d in p	oostal	stamps :		
	(A)	Kumaranasan		(B)	Lalit	hambika Anth	arjanam	ı
	(C)	Ulloor S. Parameswara	a Iyer	(D)	Valla	nthol Narayana	a Menor	ı
13.	The	quarterly literary journa	al Vivekoda	ıyam	was e	stablished in :		
	(A)	1888 (B)	1904		(C)	1903	(D)	1886
14.	Ana	nda Sutram was writter	n by :					
	(A)	Thycaud Ayya		(B)	V.T.	Bhattathirippa	ad	
	(C)	Brahmananda Swami	Sivayogi	(D)	Ayy	a Vaikundar		
15.	Ritty	Lukose describes who	m as the "F	Politica	al Fatl	ner" of Ezhavas	s ?	
	(A)	Sree Narayanaguru		(B)	Saho	daran Ayyapı	oan	
	(C)	Dr. Palpu		(D)	C. K	esavan		
16.	Chri	stmas Island in Indian o	ocean belor	ngs to	whicl	n country ?		
	(A)	New Zealand (B)	China		(C)	Australia	(D)	North Korea
17.	Who	is the present Chairma	an of Kerala	a Lalit	thakal	a Academy ?		
	(A)	Nemom Pushparaj		(B)	Sath	yapal		
	(C)	Vaisakhan		(D)	K.J.	Kuttappan		

18.	Whi	ch is the Merrian	n-Web	ster diction	ary's v	word	of the year for 20	17?	
	(A)	Socialism	(B)	Surreal		(C)	Terrorism	(D)	Feminism
19.	The	15 th Trilateral M	eeting	of foreign r	ninist	ers of	Russia-India-Chi	na (Rl	(C) took place in :
	(A)	Moscow	(B)	New Delh	i	(C)	Beijing	(D)	Hong Kong
20.	_	ration launched l ed as :	oy Ind	ia to provid	le assi	stance	e for Rohiangya r	efugee	es in Bangladesh is
	(A)	Operation Insa	niyat		(B)	Ope	ration Manavath	a	
	(C)	Operation Brot	herho	od	(D)	Ope	ration Humane		
21.	Crov	w foot is a specia	l tool :	related to :					
	(A)	Screw driver			(B)	Sock	et attachments		
	(C)	Torque wrench	L		(D)	Pipe	wrench		
22.	The	least count of inc	dustria	al depth mic	romet	ter is ı	ısually :		
	(A)	0.01 cm	(B)	0.001 mm		(C)	0.01 mm	(D)	0.02 mm
23.	Whi	ch chisel is used	for re	moving meta	als aft	er cha	in drilling ?		
	(A)	Cross cut chisel	l		(B)	Diar	nond point chisel	1	
	(C)	Flat chisel			(D)	Web	chisel		
24.	A pı	otective metal ri	ng to j	prevent dam	nage o	of tool	handle is called :		
	(A)	Ferrule	(B)	Tang		(C)	Heel	(D)	Edge
25.	The	tolerance zone of	f hole	will be belo	w the	tolera	nnce zone of shaft	t is cal	led :
	(A)	Clearance fit	(B)	Transition	fit	(C)	Interference fit	(D)	Tolerance fit
26.	The	point angle of ge	neral	purpose dril	ll bit i	s :			
	(A)	158°	(B)	118°		(C)	119°	(D)	110°
27.	Whi	ch key is useful f	or fas	tening taper	ed fitt	tings (of shaft ?		
	(A)	Woodruff key	(B)	Saddle key	y	(C)	Sunk key	(D)	Gib-head key
A					5				100/2018

28.	28. In a Double cut file angle of Overcut is usually:									
	(A)	65°	(B)	51°		(C)	70°	(D)	60°	
29.	Whi	ch one is the phy	sical p	property of 1	metal	given	below?			
	(A)	Hardness	(B)	Colour		(C)	Malleability	(D)	Tenacity	
30.	Whi	ch punch will giv	ve goo	d punch ma	ark foi	seati	ng of drill bit ?			
	(A)	Centre punch			(B)	Pric	k punch 30°			
	(C)	Prick punch 60) °		(D)	Holl	ow punch			
31.	Whi	ch type nut to pr	otect 1	the end of th	ne bol	t from	damages ?			
	(A)	Thumb nut	(B)	Wing nut		(C)	Cap nut	(D)	Grooved nut	
32.	Whi	ch one is other tl	han fil	e grade ?						
	(A)	Rough	(B)	Single cut		(C)	Second cut	(D)	Bastard	
33.	How	many diodes ir	n an al	ternator for	rectif	icatio	n purpose ?			
	(A)	6	(B)	3		(C)	2	(D)	4	
34.	The	colour of Acetyle	ene cy	linder in an	Oxy .	Acety	lene gas welding	; :		
	(A)	Black	(B)	Red		(C)	Maroon	(D)	Brown	
35.	The	firing order of a	six cyl	inder engin	e is :					
	(A)	1-5-6-3-2-4	(B)	1-4-2-6-3-	5	(C)	1-6-3-2-4-5	(D)	1-5-2-4-6-3	
36.	Gas	leakage between	cylino	der wall and	l pisto	n is c	alled :			
	(A)	Bleeding			(B)	Cyli	nder leakage			
	(C)	Blow by			(D)	Scav	enging			
37.	The	power interval o	f 3 cyl	inder engin	e is :					
	(A)	240°	(B)	120°		(C)	180°	(D)	90°	
100/	2018				6					A

38. The distance between the axis of crankpin and main journal is called :									
	(A)	Crank web	(B)	Crankthro	ow	(C)	Crankcase	(D)	Crank thrust
39.	The	lack of tappet cle	earance	e will cause	:				
	(A)	Valve lag			(B)	Valv	es are not open	ì	
	(C)	Valves are not f	fully cl	osed	(D)	Engi	ne over heat		
40.	Exce	ssive backlash of	oil pu	mp gears w	vill ca	use :			
	(A)	Reduce pressur	e		(B)	Incre	ease pressure		
	(C)	Oil leakage			(D)	No e	effect		
41.	Wha	at is the cause of	excess	ive end play	y of cı	anksh	aft ?		
	(A)	Worn out cranl	kshaft		(B)	Wor	n out thrust bea	aring	
	(C)	Worn out crank	kpin		(D)	Wor	n out shell bear	ring	
42.	Com	monly used lapp	oing ab	orasives are	:				
	(A)	Silicon carbide			(B)	Alur	ninium oxide		
	(C)	Boron carbide			(D)	All c	of these		
43.	A th	ree way catalytic	conve	ertor conve	rts:				
	(A)	CO, HC and No	O_{x}		(B)	CO,	HC and CO ₂		
	(C)	CO, HC and SC	O_2		(D)	CO,	HC and Partic	ulate ma	atter
44.	In aı	n engine evapora	tive er	nission cont	trols :				
	(A)	EGR			(B)	Cani	ster		
	(C)	Catalytic conve	erter		(D)	SCR			
45.	In aı	n engine cylinder	bore a	and stroke a	are eq	ual is	called :		
	(A)	Radial engine			(B)	Opp	osed engine		
	(C)	Square engine			(D)	Und	er square engin	ne	
46.	Prod	luct of swept vol	ume aı	nd no. of cy	lindeı	is cal	led :		
	(A)	Cycle		-	(B)	Com	pression ratio		
	(C)	Horse Power			(D)		ne capacity		

47.	47. The radiator core is made of :								
	(A)	Aluminium	(B)	Steel		(C)	Brass	(D)	Zinc
40	To a	Drawnatia carre			.		langlese .		
48.		Pneumatic gover	nor ei	igine vaci					
	(A)	Engine stops	_		(B)		at full RPM		
	(C)	Run at idle RPN	/1		(D)	Not	effect seriously		
49.	Whi	ch tool is used fo	r remo	oving tape	er shank	drill l	bit ?		
	(A)	Morse taper			(B)	Drill	chuck		
	(C)	Drift			(D)	Mall	et		
50.	The	type of piston m	ore co	ntact with	cylinde	er at tl	hrust face is cal	lled :	
	(A)	Slipper piston			(B)		l skirt piston		
	(C)	Cam ground pi	ston		(D)		ty piston		
	()	0 1			()		J 1		
51.	Was	te gate is the par	t of _		_•				
	(A)	Water Pump			(B)	Exha	ust System		
	(C)	Turbo Charger			(D)	Posi	tive Crankcase	Ventilat	ion
52.	An e	exhaust gas recirc	ulatio	n system	helps to	redu	ce:		
	(A)	CO ₂ emission	(B)	CO emis	ssion	(C)	HC emission	(D)	NO _x emission
53.	The	locking screw of	vorni	v calinar i	io ·				
33.		O		•		(C)	Catagnaria	(D)	A 11 oza - o zwazuz
	(A)	Thumb screw	(B)	Grub sci	rew	(C)	Set screw	(D)	Allen screw
54.	Isola	te the fire from t	he sup	ply of oxy	ygen by	blank	eting is called :		
	(A)	Starving	(B)	Smother	ring	(C)	Cooling	(D)	Extinguishing
55.	Engi	ne temperature g	gauge	will show	s the te	mpera	iture of :		
	(A)	Engine coolant	, 0		(B)	-	ne block		
	(C)	Exhaust gas			(D)	U	bustion temper	rature	
	(-)	2744440 640			(2)	0011	.		
56.		is capable	e of se	elf-aligning	g compo	onents	with threaded	l hole.	
	(A)	Grub screw			(B)	Alle	n screw		
	(C)	Thumb screw			(D)	Cou	nter sink screw		

8

A

100/2018

57.	Which type chisel is suitable for cutting keyway and grooves?											
	(A)	Diamond point chise	1	(B)	Cap	e chisel						
	(C)	Flat chisel		(D)	Half	round chisel						
58.	The	actual power develope	ed in the eng	gine cy	linde	r is called :						
	(A)	BHP (B)	FHP		(C)	Engine power	(D)	IHP				
59.	How	v to test the short circu	it of stator v	windii	ng of a	alternator ?						
	(A)	Connect the test lam	p in series b	etwee	n eacl	n stator lead						
	(B)	Connect the test lam	p in series b	etwee	n stat	or laminator and	d each	stator lead				
	(C)	Connect the test lam	p in parallel	betw	een st	ator laminator a	nd stat	tor lead				
	(D)	Check the continuity	between th	e stato	or lead	ds						
60.	Whi	ch type valves are suit	able in air co	ompre	essors	?						
	(A)	Reed valve (B)	Rotary va	lve	(C)	Sleeve valve	(D)	Poppet valve				
61.	Wha	at is the necessity of lo	cking lip in o	cranks	shaft l	pearings ?						
	(A)	Better grip	(B)	Avo	id rotation of be	aring						
	(C)	Better lubrication		(D)	Both	(A) and (C)						
62.	Wha	at is the result of taper	and ovality	of eng	gine b	ore ?						
	(A)	Increase blow by		(B)	Higl	n oil consumptio	n					
	(C)	Piston slapping		(D)	All o	of these						
63.	Whi	ch type lubrication sys	tem has a se	eparat	e oil ta	ank besides oil s	ump?					
	(A)	Dry sump system		(B)	Pres	sure system						
	(C)	Combined lubrication	n system	(D)	Вура	ass system						
64.	A di	iesel fuel feed pump is	driven by _		•							
	(A)	FIP camshaft		(B)	Eng	ine camshaft						
	(C)	Engine crankshaft		(D)	Eith	er (A) or (B)						
A				9				100/2018				

(A)	Divider	(B)	Scriber		(C)	TT 1	(D)				
Whi					(C)	Trammel	(D)	Surface gauge			
Which heat treatment process metal co				ls slo	owly i	n the furnace ?					
(A)	Normalizing	(B)	Tempering		(C)	Hardening	(D)	Annealing			
In ac	ctual valve timing	g the i	nlet valve clos	se:							
(A)	At BDC	(B)	Before BDC		(C)	After BDC	(D)	After TDC			
Cast	iron surface pla	te is d	esignated by	thei	r leng	th, breadth,		_•			
(A)	Grade and IS N	Jo.	((B)	Shap	e and IS No.					
(C)	Grade and mat	erial	((D)	Grac	le and shape					
		roke a	little time tak	en co	ombu	stion, after the i	njection	of fuel, this period			
(A)	Knock period		((B)	Unce	ontrolled comb	ustion	stion			
(C)	Controlled com	bustic	on ((D)	Ignit	ion delay					
A co	A cold starting device of Diesel engine is called :										
(A)	Choke	(B)	Glow plug		(C)	Atomizer	(D)	Tickler			
A sp	pecial equipment	Grow	ler is used for	che	cking	:					
(A)	Short circuit of	stator	winding								
(B)	Commutator										
(C)	Short circuit of	armat	ure winding								
(D)	Solenoid windi	ng									
Whi	ch statement is t	rue ?									
(A)	Octane rating r	neans	the ignition q	ualit	y of c	liesel fuel					
(B)	Thermostat val	ve alw	ays open, the	eng	ine w	rill over heat					
(C)	PCV valve is re	lated t	o fuel system								
(D) Turbo charger helps to increase volumetric efficiency											
	(A) In ac (A) Cast (A) (C) Whit is ca (A) (C) A cc (A) (B) (C) (D) Whit (A) (B) (C)	(A) Normalizing In actual valve timing (A) At BDC Cast iron surface plate (A) Grade and IS Note (C) Grade and mate (C) Grade and mate (C) Controlled comparts (A) Knock period (C) Controlled comparts (A) Choke A cold starting device (A) Choke A special equipment (A) Short circuit of (B) Commutator (C) Short circuit of (D) Solenoid winding (B) Thermostat value (C) PCV valve is respectively.	(A) Normalizing (B) In actual valve timing the in (A) At BDC (B) Cast iron surface plate is d (A) Grade and IS No. (C) Grade and material While compression stroke a is called: (A) Knock period (C) Controlled combustion A cold starting device of Divided (B) A special equipment Grown (A) Short circuit of stator (B) Commutator (C) Short circuit of armator (C) Short circuit of armator (D) Solenoid winding Which statement is true? (A) Octane rating means (B) Thermostat valve alword (C) PCV valve is related to the control of the circuit of the circui	In actual valve timing the inlet valve close (A) At BDC (B) Before BDC Cast iron surface plate is designated by (A) Grade and IS No. (C) Grade and material (C) Grade and material (C) Controlled combustion (C) Controlled combustion (C) Controlled combustion (A) Choke (B) Glow plug (B) Commutator (C) Short circuit of stator winding (B) Commutator (C) Short circuit of armature winding (D) Solenoid winding (D) Thermostat valve always open, the (C) PCV valve is related to fuel system)	(A) Normalizing (B) Tempering In actual valve timing the inlet valve close: (A) At BDC (B) Before BDC Cast iron surface plate is designated by their (A) Grade and IS No. (B) (C) Grade and material (D) While compression stroke a little time taken or is called: (A) Knock period (B) (C) Controlled combustion (D) A cold starting device of Diesel engine is called: (A) Choke (B) Glow plug A special equipment Growler is used for check (A) Short circuit of stator winding (B) Commutator (C) Short circuit of armature winding (D) Solenoid winding Which statement is true? (A) Octane rating means the ignition quality (B) Thermostat valve always open, the enguing (C) PCV valve is related to fuel system	(A) Normalizing (B) Tempering (C) In actual valve timing the inlet valve close: (A) At BDC (B) Before BDC (C) Cast iron surface plate is designated by their length (A) Grade and IS No. (B) Shape (C) Grade and material (D) Grade (C) Grade and material (D) Grade (C) Grade and material (D) Grade (C) Controlled combustion (D) Ignitive (C) Controlled combustion (D) Ignitive (A) Choke (B) Glow plug (C) A special equipment Growler is used for checking (A) Short circuit of stator winding (B) Commutator (C) Short circuit of armature winding (D) Solenoid winding Which statement is true? (A) Octane rating means the ignition quality of (C) (B) Thermostat valve always open, the engine we (C) PCV valve is related to fuel system	(A) Normalizing (B) Tempering (C) Hardening In actual valve timing the inlet valve close: (A) At BDC (B) Before BDC (C) After BDC Cast iron surface plate is designated by their length, breadth,	(A) Normalizing (B) Tempering (C) Hardening (D) In actual valve timing the inlet valve close: (A) At BDC (B) Before BDC (C) After BDC (D) Cast iron surface plate is designated by their length, breadth, (A) Grade and IS No. (B) Shape and IS No. (C) Grade and material (D) Grade and shape While compression stroke a little time taken combustion, after the injection is called: (A) Knock period (B) Uncontrolled combustion (C) Controlled combustion (D) Ignition delay A cold starting device of Diesel engine is called: (A) Choke (B) Glow plug (C) Atomizer (D) A special equipment Growler is used for checking: (A) Short circuit of stator winding (B) Commutator (C) Short circuit of armature winding (D) Solenoid winding Which statement is true? (A) Octane rating means the ignition quality of diesel fuel (B) Thermostat valve always open, the engine will over heat (C) PCV valve is related to fuel system			

73.	vvna	what is the necessity of flywheel ring gear?											
	(A)	Starting purpo	ose		(B)	Pow	er transmission						
	(C)	Balancing flyv	vheel		(D)	Ider	tifying timing						
74.	The	ability of metal	to resis	t the effect (of ten	sile fo	rce without rupt	urino ·					
, 1.	(A)	Elasticity	(B)	Plasticity	or term	(C)	Ductility	(D)	Tenacity				
	()		()			(-)		()					
75.	The	carbon content	of cast	iron is usua	11y :								
	(A)	2 to 4.5%	(B)	More than	5%	(C)	0.1 to 0.5%	(D)	Less than 0.1%				
76.	The	rear end of crar	ıkshaft	is fitted as :									
	(A)	Timing gear			(B)	Vibı	ation damper						
	(C)	Clutch assemb	oly		(D)	Flyv	vheel						
77.	In C	RDI engine whi	ch type	e fuel pump	is use	ed?							
	(A)	Jerk type pum	p		(B)	Rota	ary pump						
	(C)	High pressure	pump		(D)	Dist	ributor VE pum _]						
78.	In aı	n alternator elec	tricity i	is generated	at:								
	(A)	Stator	(B)	Rotor		(C)	Regulator unit	(D)	Diode rectifier				
79.	Whi	ch type lubricati	ion is u	sed in 2 stro	oke en	igine (?						
	(A)	Splash lubrica	tion		(B)	Pres	sure lubrication						
	(C)	Petroil lubrica	tion		(D)	Dry	sump lubricatio	n					
80.	The	word polarity i	s relate	d to		weldi	ng.						
	(A)	AC arc			(B)	DC	arc						
	(C)	Oxy-Acetylene	e gas		(D)	Resi	stance						
81.	The	process of maki	ng leak	proof joint	after:	rivetii	ng is called :						
	(A)	Brazing		-	(B)	Sold	ering						
	(C)	Folding			(D)	Cau	lking and Fuller	ing					
A					11				100/2018				

	(A)	Pressure and va	acuum	relief valve	9				
	(B)	Pressure relief v	alve						
	(C)	Vacuum relief v	alve						
	(D)	Over flow valve	9						
83.	Wha	at is the cause of	engine	e over heatir	ng ?				
	(A)	Thermostat val	ve alw	ays open					
	(B)	Run at high RP	M						
	(C)	Injector pressur	e is m	ore					
	(D)	Broken fan belt							
84.	Wha	t is calibration of	f FIP ?	,					
	(A)	Correcting inject	ction a	ngle					
	(B)	Correcting elem	nent a	ngle					
	(C)	Correcting quar	ntity o	f fuel delive	ered				
	(D)	All of these							
85.	For 1	better wear prote	ction 1	Micrometer	spind	le is r	nade of :		
	(A)	Tungsten tip	(B)	Carbide ti	p	(C)	Carbon tip	(D)	Diamond tip
86.	A w	orn out anvil tip	of out	side micron	neter s	shows	:		
	(A)	Positive error			(B)	Zero	error		
	(C)	Negative correc	tion		(D)	Neg	ative error		
87.	The	portion below th	e pisto	on pin is cal	led :				
	(A)	Piston land	(B)	Piston hea	nd	(C)	Piston skirt	(D)	Piston pin boss
88.	Afte	r turn off engine,	the p	osition of Fl	IP eler	nent i	n :		
	(A)	Maximum fuel	delive	ry	(B)	Min	imum fuel deliv	ery	
	(C)	Zero fuel delive	ery		(D)	Non	e of these		
100/	2018				12				Α

82. A radiator pressure cap contains :

A	13								100/2018
	(A)	Chain drive	(B)	Belt drive		(C)	Gear drive	(D)	None of these
96.	Whi	ch type camshaft	drive	mechanism	n no n	eed of	f lubrication ?		
	(A)	Swept volume	(B)	Cycle		(C)	Cylinder bore	(D)	Stroke length
95.	The	distance between	TDC	and BDC i	s calle	d:			
	(A)	Castle nut	(B)	Lock nut		(C)	Spring washer	(D)	Wing nut
94.		example of positi			is:				
	. ,	•							
	(D)	Major Diameter							
	(C)	Metric thread, 1		O	Diame	ter			
	(B)	Metric thread, 1		O					
93.	ln a (A)	screw thread M1 Metric thread, 1							
0.2	т	.1 13.64	0 1	1					
	(C)	Cast alloy steel			(D)	Forg	ed alloy steel		
	(A)	Cast iron			(B)	Mild	steel		
92.	Engi	ne camshaft is m	ade o	f :					
	(C)	Combustion cha	ambei	•	(D)	Tran	sfer port		
	(A)	Cylinder block			(B)		ıkcase		
91.	In a	2 stroke engine c	harge	is first ente	er into	:			
	(C)	12:1 to 18:1			(D)	<i>∠</i> ∠ :	1 to 24 : 1		
	(A)	10:1 to 16:1			(B)		to 12:1		
90.		compression ratio	or al	leser engine	•		to 12 · 1		
gn	The	compression refe	of 4:	iocol ongino	ic 1155	to:			
	(A)	Decrease	(B)	Increase		(C)	Not affecting	(D)	None of these
89.	89. To increase the strength of material, the point angle of chisel will be:								

07	Ina	diacol	F1101	czetom	filtor	i.	situated	
9/.	ın a	aiesei	ruer	system	mter	1S	situatea	:

- (A) between Fuel tank and Feed pump
- (B) between FIP and Injector
- (C) between Feed pump and FIP
- (D) inside of Fuel tank

98. Worn out main bearings cause:

- (A) Increase oil pressure
- (B) Decrease oil pressure
- (C) No change in oil pressure
- (D) Oil leakage

99. Connecting rod small end bearing is usually:

(A) Shell bearing

- (B) Thrust bearing
- (C) Foot step bearing
- (D) Bush bearing

100. The relation between Stroke length and Crankthrow is:

- (A) $Stroke = 2 \times Crankthrow$
- (B) Stroke = 2 + Crankthrow
- (C) Stroke = Crankthrow/2
- (D) Stroke = $4 \times Crankthrow$

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK