DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

TEST BOOKLET A.P.(Mech.) T.E.-2016

Time	Allowed : 2 Hours [Maximum Marks : 100 All questions carry equal marks.]						
	INSTRUCTIONS						
1.	Immediately after the commencement of the examination, you should check that test booklet does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete test booklet.						
2.	Write your Roll Number only in the box provided alongside. Do not write anything else on the Test Booklet.						
3.	This Test Booklet contains 100 items (questions). Each item comprises four responses (answers). Choose only one response for each item, which you consider the best.						
4.	After the candidate has read each item in the Test Booklet and decided which of the given responses is correct or the best, he has to mark the circle containing the letter of the selected response by blackening it completely with Black or Blue ball pen. In the following example, response "C" is so marked:						
	A B • D						
5.	Do the encoding carefully as given in the illustrations. While encoding your particulars or marking the answers on answer sheet, you should blacken the circle corresponding to the choice in full and no part of the circle should be left unfilled. After the response has						

6. You have to mark all your responses ONLY on the ANSWER SHEET separately given according to 'INSTRUCTIONS FOR CANDIDATES' already supplied to you. Responses marked on the Test Booklet or in any paper other than the answer sheet shall not be examined.

been market in the ANSWER SHEET, no erasing/fluid is allowed.

- All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the Answer Sheet. There will be no negative marking.
- Before you proceed to mark responses in the Answer Sheet, fill in the particulars in the front portion of the Answer Sheet as per the instructions sent to you.
- If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct.
- 10. After you have completed the test, hand over the Answer Sheet only, to the Invigilator.

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Time	Allowed: 2 Hours] [Maximum Marks: 100
1.	Condition for stating that the centre of gravity of a body is completely
	determined is when:
	(A) the body has (3 + 2) planes of symmetry
	(B) the body has (3 + 1) planes of symmetry
	(C) the body has (3 + 0) planes of symmetry
	(D) the body has (3 - 2) planes of symmetry
2.	provides complete restraint against transverse or longitudinal
	motion and against rotation.
	(A) A frictionless bearing
	(B) An ideal clamped support
	(C) A weightless flexible string
	(D) A frictionless pin joint
3.	theorem is used based on strain energy concept and can be used
	for determining deflection in a beam.
	(A) Euler's (B) Rankine's
	(C) Gourdan's (D) Castigliano's
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4.	As	the axes of the rolling of the ship	and o	f the rotor are, tl	nere
	is n	no precession of the axis of spin	and	thus there is no gyroscopic ef	fect.
	(A)	Perpendicular	(B)	Parallel	
	(C)	Inclined at any angle	(D)	Inclined at 45 degrees	
5.	If sr	nall disturbances do not create any	addit	ional forces and so the body rema	ains
	in t	he disturbed position, is a case	of ;		
	(A)	stable equilibrium	(B)	unstable equilibrium	
	(C)	neutral equilibrium	(D)	none of these	
6.	Axia	al flow pumps can handle :			
S Sec 1 1 1	(A)	very large volumes at low pres	sure	## ## ## ## ## ## ## ## ## ## ## ## ##	
. 25	(B)	very low volumes at high pres	sure		
	(C)	very low volumes at medium p	ressu	ire	
	(D)	none of the above			
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					3.8	
7.	In th	ie heat	flow problems	i, t	he temperature at any p	oint within
	the	system varies non-li	nearly with ti	me		
			- T	-		
	(A)	periodic	C	B)	non-periodic	
	(C)	non-transient count	er (I	D)	radiative counter	
	-					
8.	The	hydraulic pump effi	ciency is defin	ied	as:	
	(A)	rotor specific energ	y/specific ener	gy	ideally available from	fluid
	(B)	useful specific energ	gy transferred	to	the fluid/rotor specific	energy
	(C)	useful specific ener	gy transferred	l t	o the fluid/specific ene	rgy ideally
		available from fluid				
	(D)	rotor specific energy	y/useful specifi	ic (energy transferred to t	he fluid
9.	In a	heat exchanger, a	pure fluid X c	on	denses from a saturate	d vapor to
	satu	rated liquid, while e	xchanging hea	t v	vith a fluid Y. The tem	perature of
	fluid	X in	the direction o	f fl	low.	
	(A)	stays constant	O	B)	increases	
11.0	(C)	decreases	a	D)	none of these	
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10.	In C	xy-hydrogen welding t	he flame temp	erature is around:	
	(A)	874°C	(B)	1074°C	
	(C)	2870°C	(D)	4852°C	
11.	•	force is preser	nt inside the mo	uld cavity because of the hea	d with
	whic	ch the metal is enterin	g the mould c	avity during sand casting.	
	(A)	Metallostatic	(B)	Centripetal	ė,
	(C)	Coriolis	(D)	Shear	
12.	In r	rolling of metal, one of	the principal	breakdown pass sequence	is :
×	(A)	Trapezoidal series	(B)	Diamond - square series	
	(C)	Blasting series	(D)	Geometric series	
13.	Mer	rchant Circle Diagram is	used for	analysis during metal	cutting.
	(A)	temperature	(B)	feed rate	
	(C)	heat transfer	(D)	force	
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14.	If the diame	eter of shaft	is doubled	its sti	iffness incr	eases by	a factor o	of:
	(A) 2		A.	(B)	6			
	(C) 16			(D)	24			
15.	In case of re	elative equilil	orium of a	partic	e with res	spect to a	moving b	ody,
	the algebrai	c sum of the	projections	s, on	any axis,	of all real	forces ac	ting
	on the partic	cle together w	rith the		due to	base acco	eleration r	nust
	be zero.							
	(A) Friction	nal force		(B)	Inertia fo	rce		
	(C) Tanger	ntial force		(D)	Shear for	rce		
16.	In the case	of analysis o	f fracture of	f britt	le specime	ns and st	ructures v	vhen
	all three principal stresses are compressive, theory seems to predict							
	lower stren	gths than ar	e actually o	btain	ed.	18		
	(A) Meaula	ay's		(B)	Von-Tres	ca's		
	(C) Griffith	n's	÷	(D)	Albert's		ii.	
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17.	velocity of the	follower impli	es t	hat the displaceme	ent of the follower			
	is proportional to the cam	displacemen	t a	nd the slope of t	he displacement			
	curve is constant.							
	(A) Constant	(I	3)	Uniformly increa	ising			
	(C) Uniformly decreasing	α))	Non-uniform				
18.	A governor with a range of	speed		is known as	an Isochronous			
	governor.							
	(A) 1000	(F	3)	infinity				
	(C) unity	α))	zero				
19.	A jet of water initially 12 cm diameter when directed vertically upwards, reaches							
	a maximum height of 20 meters. Assuming the jet remains circular, the flow							
	rate will be:				9			
	(A) 0.224 m ³ /sec	(B	()	0.112 m ³ /sec				
	(C) 0.056 m ³ /sec	Œ))	0.448 m ³ /sec	126.5			
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20.	In a two-way spool valve used in hydraulic systems, the moving member is							
	called:							
2	(A) land	(B) groove						
	(C) spool	(D) shuttle	8					
21.	The "characteristic length" for ho	rizontal plates while deali	ng with natural					
	convection problems is given by							
	(A) surface area of the plate/pe	rimeter of the plate						
	(B) perimeter of the plate/surfa	ce area of the plate						
	(C) surface area of the plate/vo	lume of the plate	34					
	(D) volume of the plate/surface	area of the plate						
22.	During the liquefaction of gases, it	f the gas is at a sufficiently	low temperature					
	and high pressure, the throttling process would bring the gas into the satu-							
	rated-mixture region, where the v	apour and liquid could be s	eparated using:					
	(A) Linde liquefier	(B) Hamstead liquefi	er					
	(C) Thomson liquefier	(D) Slinger liquefier						
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"All reversible heat engines operating between the same temperature have						
the same efficiency." This is:						
(A) Rankine's theorem 2	(B)	Carnot's theorem 2				
(C) Brayton's theorem	(D)	Sterling's theorem				
While welding of Nickel using G	MAW pro	ocess, the shielding gas comm	only			
need is .						
useu is .						
(A) Oxygen + carbon dioxide	(B)	Carbon dioxide				
(C) Oxygen	(D)	Argon				
are metallic support	s often ke	pt inside the mould cavity to sup	port			
	3					
the cores.						
(A) Chaplets	(B)	Chill				
(C) Sprue	(D)	Step riser				
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	the same efficiency." This is: (A) Rankine's theorem 2 (C) Brayton's theorem While welding of Nickel using Gray used is: (A) Oxygen + carbon dioxide (C) Oxygen	the same efficiency." This is: (A) Rankine's theorem 2 (B) (C) Brayton's theorem (D) While welding of Nickel using GMAW proceedings: (A) Oxygen + carbon dioxide (B) (C) Oxygen (D)	the same efficiency." This is: (A) Rankine's theorem 2 (B) Carnot's theorem 2 (C) Brayton's theorem (D) Sterling's theorem While welding of Nickel using GMAW process, the shielding gas commused is: (A) Oxygen + carbon dioxide (B) Carbon dioxide (C) Oxygen (D) Argon			

				- 1
26.	The internal ruptures cau	sed due to imp	roper cooling of the	e large forging
	is known as :			
	(A) Flakes	(B)	Stacks	
	(C) Burn outs	(D)	Cold shut	
27.	In a articulated joint robot	the number of	degrees of freedom	associated with
	arm and body motion wil	l be:		4) \$
	(A) 1	(B)	2	
	(C) 3	(D)	4	
28.	Maximum value of friction	nal force acting	on a body, when t	he body is just
	about to start is called:			
	(A) limiting friction	(B)	static friction	
	(C) dynamic friction	(D)	none of these	
29.	In the case of an unstable	e position of eq	uilibrium of the boo	ly, its potential
	energy on a	ny virtual displ	acement.	
	(A) decreases	(B)	increases	
	(C) is always zero	(D)	remains constant	
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30.	The case of axial sudden load 'P' applied on a bar of uniform cross-section,							
	the stress in	nduced will	be	tl	he stress in	nduced due	to grad	lually
	applied load	d'P' on the	same bar.					
				1				
	(A) same			(B)	twice			
					1030		€:	
	(C) thrice			(D)	half	15		
			-					
31.	When the tv	vo surfaces ir	ontact hav	ve a mi	nute thin la	yer of lubr	icant bet	ween
	them, it is l	known as		friction	n.			
	6		9.			17		
	(A) film			(B)	skin or g	reasy		
	(30.00)			V/C (2)	3.5			
	(0)			(TV)	22153		7.5	
	(C) dry		9 5	(D)	solid			
00			4.1	· · · · · · · · · · · · · · · · · · ·	- 11			
32.		systems a	re used to de	etermin	e the mom	ent of mert	ia oi irre	guar
	1. 31							
	bodies.							
	(A) Multif	ilar		(B)	Unifilar			
	8							
	(C) Multis	tar		(D)	Tristar			
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33.	Mach number for a moving source at sonic speed will be :							
	(A)	zero	91	(B)	greater than 1			
	(C)	less than 1		(D)	equal to 1			
34.	In p	pipe flow, the momentu	m correcti	ion fa	ector is :			
	(A)	Kinetic energy based	on actual	velo	city/momentum b	ased on a	verage	
		velocity						
	(B)	Kinetic energy based o	n actual v	elocit	y/Kinetic energy	based on a	verage	
		velocity		- 5				
	(C)	Momentum based on	average v	eloci	y/Kinetic energy	based on	actual	
		velocity						
	(D)	Momentum based on	actual v	eloci	ty/Momentum be	sed on a	verage	
		velocity		1 m	- 1 1			
35.	Hot	tel's crossed String metho	od is used	for d	etermining	wh	ich are	
	infi	nite in one direction.						
	(A)	surface factor		(B)	line factor		8	
	(C)	shape factor		(D)	volume factor			
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36.	The total volume of a mixture of gases is equal to the sum of the	volumes
	that would be occupied by each component at the mixture temperatu	re T and
	pressure P applicable to ideal gases is :	
	(A) Dalton's law (B) Avogadro's law	4.7
5)	(C) Amagat's law (D) Kelvin's law	
37.	The area under T-S diagram always represents the heat transferre	ed is true
	for:	
Į)	(A) irreversible processes only	*
	(B) reversible processes only	
	(C) for both reversible and irreversible for processes	
	(D) none of the processes	
38.	In atomic hydrogen welding, the arc is struck between the :	٠
	(A) tungsten electrode and work piece	
	(B) copper electrode and work piece	
*	(C) two tungsten electrodes	
	(D) between two copper electrodes	-,
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39.	Cast	ing shapes which are a	ixi-symmetrical	in snapes are manufactured u	gme
		casting.			
	(A)	Centrifuging	(B)	Centrifugal	
	(C)	Sheave	(D)	None of these	
40.	Rota	ary swaging is the ope	ration where th	e two dies which are free to	move
		are held in	a spindle which	rotates continuously.	
	(A)	eccentrically	(B)	vertically	
	(C)	elliptically	(D)	radially	
41.	******	non-conventi	onal machining	process in which "Xenon flash	light"
	is s	ome times used.			
	(A)	PAM	(B)	AJM	
	(C)	LBM	(D)	USM	
42.	For	supporting the pressu	re perpendicular	to the axis of the shaft, the be	aring
	pre	ferred is :			
	(A)	Journal bearing	(B)	Footstep bearing	
	(C)	Thrust bearing	(D)	Ball bearing	
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43.	The action of a couple on a body if we change both the magnitudes
	of the forces and the arm of the couple in such a way that the moment of
	the couple remains unchanged.
	(A) does not change (B) always change
	(C) becomes zero (D) can not be determined
44.	When an open coiled helical spring (one end is fixed) in the vertical position
1	is subjected to an axial tensile load and a couple, the strain energy stored
	will be due to
51	(A) bending moment only
	(B) torsional moment only
	(C) both bending moment and torsional moment
	(D) shear force only
45.	An epicyclic gear have degrees of freedom has been utilized in
	the differential gear of an automobile.
	(A) one (B) two
	(C) three (D) four
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46.	The number of teeth of	a spur gear is 30	and it rotates at 20	0 RPM. If the
	gear has a module of	2, then the pitch	line velocity will be	
	(A) 1256.6 mm/sec	(B)	314.15 mm/sec	
	(C) 628.3 mm/sec	(D)	942.45 mm/sec	
47.	Three litres of oil flows	through an orific	ce of 20 mm diamete	r/second. The
4	density of the oil is 800	kg/m ³ . If coeffic	ient of discharge is (0.62, then the
	head of oil maintained	will be:		
	(A) 3.02 meter of oil	(B)	6.04 meter of oil	
	(C) 9.08 meter of oil	(D)	12.09 meter of oil	
48.	For one-dimensional tra	nsient heat condu	ction problems the gra	phical analy-
	sis can be done by	meth	od.	
.g	(A) Graffer plot	(B)	Schmidt plot	
	(C) Sterling plot	(D)	Mohr's plot	
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49.	Peclet number is the product of	of:		
	(A) Reynold's number and Nu	sselt Num	ber	, ē
	(B) Reynold's number and Pr	andtl Num	ber	
	(C) Prandtl number and Nuss	selt Numbe	r	
	(D) Poisson's number and Nu	sselt Numb	oer	
50.	For a control volume with an in	nlet area of	0.1 m ² , exit area	of 0.05 m^2 and
	the inlet velocity 30 m/sec, the fo	orce on the c	ontrol volume will	be (take density
	= 3.89 kg/m^3 and constant):		1.5	F
	(A) 175 N	(B)	350 N	
	(C) 700 N	(D)	525 N	
51.	For a given compression ratio a	nd heat inp	ut per cycle, the	cycle
	is more efficient than	cycle		
	(A) Otto, Diesel	(B)	Diesel, Otto	
	(C) Diesel, Ericsson	(D)	None of these	
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52.	Dis	tortions in welding	causes due to:		
	(A)	Impurities	(B)	Slag	
	(C)	Shrinkage	(D)	Cavitation	
53.	Due	e to chilling of the	castings the castin	ng defect occurs	is known as :
	(A)	Swell	(B)	Drop	
	(C)	Buckles	(D)	Hot spots	
54.		stop i	s one type of stop	used in sheet me	tal as die stop.
	(A)	Slab	(B)	Latch	
	(C)	Hook	(D)	Barrel	
55.	In V	/ogel's approximatio	n method; the oppo	ortunity cost asso	ciated with a row
	is d	etermined by :		×	
	(A)	the difference betw	veen the smallest	cost and the next	smallest cost in
	(B)	the difference between unused cost in the	veen the smallest to	inused cost and t	he next smallest
	(C)	the difference betw	een the smallest c	ost and next sma	llest unused cost
	٠,	in the row			
	(D)	none of the above			
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56.	If a cube lies behind V.P and above H.P, then cube is in :					
	(A)	I-Quadrant	Œ	3)	II-Quadrant	
	(C)	III-Quadrant	α))	IV-Quadrant	, =
57.	The	absolute acceler	ation while deal	lin	ng with relative motion	n may be
	cons	idered as the geor	netric sum of	.,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
					REAL PROPERTY.	
	(A)	base acceleration	and relative acc	ele	eration	
					FAIR # -	
	(B)	relative accelera	tion and supplem	en	ntary acceleration	
	(C)	supplementary a	cceleration and b	as	sed acceleration	
	(D)	base acceleration	a, supplementary	acc	celeration and relative a	cceleration
58.	Whe	en a plane elemen	tal body subjected	to	two mutually perpendic	ular direct
	stre	sses and a shear	stress, the shear	st	tress on principal plane	will be:
	(A)	Infinity	O	В)	Zero	
	(C)	Unity		D)	None of these	
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56.

	59.	During balancing of inline engines, if a mass is transferred to	the crankpin,
		the axial component parallel to the cylinder axis of the resulting	ng centrifugal
		force represents	
		(A) any balanced force	
		(B) the tertiary balanced force	
		(C) the tertiary vertical force	
		(D) the primary unbalanced force	*
3	60.	A Thompson indicator employs :	
		(A) Pantograph mechanism	
		(B) Grass-hopper mechanism	
		(C) Kemtpe's mechanism	
		(D) Tchebicheff mechanism	
	61.	In Francis turbine, the spiral casing surrounds the	
		completely.	
		(A) shaft (B) runner	
		(C) penstock (D) governor	
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62.	The effect of scales, deposits, rust formation etc. formed	in heat exchanger
	can be taken care by introducing additional thermal re-	sistance, called :
	(A) caulking resistance (B) peeling resista	ance
	(C) fouling resistance (D) dripping resist	tance
63.	The boundary condition which describes the process of c	onduction between
	two bodies in perfect contact is known as:	262
	(A) Boundary condition of the first kind	
	(B) Boundary condition of the second kind	
	(C) Boundary condition of the third kind	
8	(D) Boundary condition of the fourth kind	
64.	While dealing with fluid-rotor energy transfer related case	s, the term "degree
	of reaction" for a given machine :	
	(A) is always positive	A
	(B) is always negative	
	(C) is always zero	
	(D) may be positive or negative	
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65.	In a moist air mixture, the	dew point tempe	rature is	the wet
	bulb temperature.	*):	5	
	(A) more than	(B)	less than	a 39 B
	(ii) a			
	(C) always equal to	(D)	not comparable	to
66.	During welding, if a long a	and continuous	visual separation	line between the
20	base metal and the HAZ	appears, it is k	nown as :	
-	(A) porosity	(B)	hot cracking	
	E &			
	(C) undercut	(D)	lamellar tearing	E
67.	type of p	attern can be us	sed when the cont	our of the part is
	such that withdrawing th	e pattern from	the mould is not	t possible due to
	obstructing part.			
	(A) Follow board	(B)	Skeleton .	5)
	(C) Loose piece	(D)	Sweep	
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68.	If je	oint angles are given, and the	positio	n is required to be determined for
	the	robot, then it is a case of:		
	(A)	Trigonometric kinematics	(B)	Forward kinematics
	(C)	Inverse kinematics	(D)	Inverse dynamics
69.	Hur	ngarian method is used for :		
	(A)	LPP	(B)	Material handling
61	(C)	Assignment problem	(D)	Queuing problem
70.	Who	en the shafts are slightly misali	gned the	n most suitable coupling to connect
	ther	m is:		
	(A)	Rigid coupling	(B)	Flexible coupling
	(C)	Oldham-hook coupling	(D)	None of these
71.	In	an automobile "wheel base"	is the	distance between centre of the
	******	wheel to the centr	re of the	wheel.
	(A)	left front, left rear	(B)	left front, right rear
	(C)	right front, left rear	(D)	left rear, right rear
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72.	Exa	ample for machine tool is :		
	(A)	single point tool	(B)	grinding wheel
	(C)	milling machine	(D)	drill bit
73.	In 1	NC part programming, the G-code	used	for "circular interpolation (counter-
	cloc	kwise)" is :		*
	(A)	G91	(B)	G28
	(C)	G08	(D)	G03
74.		is used for Two Wir	re Me	thod' to measure effective diameter
	of a	screw thread.		
	(A)	Diameter measuring machine	(B)	Micro-diameter guage
	(C)	Macro-diameter gauge	(D)	Collimator
75.	AJN	I is best suited for machining		
	(A)	nano-ductile materials	(B)	brittle materials
9)	(C)	plastics	(D)	fibres .
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76.	Cutting ratio is the ratio of:				
	(A) uncut chip thickness to c	hip width			
	(B) uncut chip length to chip	thickness	2		
	(C) uncut chip width to chip	length			
	(D) uncut chip thickness to c	hip thickne	ess		
77.	In a Taylor's differential piece-	rate systen	ı	followed.	
	(A) 8 piece rates are	(B)	1 piece ra	te is	
	(C) 2 piece rates are	(D)	infinite pi	ece rates are	
78.	test is used to	determine	the scrate	ch hardness o	f a thin
	material.				
7.0	(A) Mohr's scale of hardness	13			2
	(B) Shore scleroscope hardne	SS			
	(C) File hardness	ē		×	
	(D) None of the above				5
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79,	ATC	is commonly used in :				9.		
	(A)	CNC ECM		(B)	CNC	machining	centre	
	(C)	Conventional shaper		(D)	NC I	PAM		
80.	Goo	se-neck injector is used in .			prod	cess.		
	(A)	precision investment cast	ing				1	
	(B)	shell moulding						
	(C)	sand casting						
	(D)	hot chamber die casting						
81.	Who	en was Pradhan Mantri J	an Dha	ın Y	ojna l	aunched ir	H.P. ?	
	(A)	15 August, 2014			(B)	28 Augus	t, 2014	
	(C)	19 September, 2014	-		(D)	2nd Octob	oer, 2014	
82.	At which place in Hamirpur District of H.P. is the HPMC setting up a vegetable							
	pac	k house and cold room ?						
	(A)	Nadaun		(B)	Rail			
	(C)	Bhota		(D)	Suja	npur		
A.P.	(Mech	i.) T.E2016	26					

83.	In which year was I	Kajiv Gandhi Anna	Yojna launched in F	I.P. ?
	(A) 2011	(B)	2012	
	(C) 2013	(D)	2014	F
84.	On which stream is	Sawra Kuddu Hyde	l Power Project ?	
i	(A) Tons	(B)	Giri	
	(C) Ghanvi	(D)	Pabbar	2
85.	Which Raja of Kangr	a fell into a dry well	while hunting and v	vas presumed
	dead ?			
	(A) Hari Chand	(B)	Fateh Chand	5
5	(C) Dhian Chand	(D)	Anirudh Chand	
86.	With which region of	H.P. is Sen dance	associated ?	
2	(A) Sirmaur	(B)	Rohru-Jubbal	
	(C) Pangi	(D)	Handoor	, ¥
A.P.(1	Mech.) T.E2016	27		P.T.O.

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87.	Which princely state's account is contained in Ganesh Singh's Shashi Vansh				
	Vinod ?				
	(A) Jubbal	(B)	Kangra		
	(C) Sirmaur	(D)	Bilaspur		
88.	When was Panchayati Raj sy	ystem introdu	aced in H.P. for the first time ?		
	(A) 1952	(B)	1957		
	(C) 1963	(D)	1994		
89.	Who become the chairman o	f H.P. Territ	orial Council in 1957 ?		
	(A) Thakur Ram Lal	(B)	Dr. Y.S. Parmar		
	(C) Thakur Karam Singh	(D)	Padam Dev		
90.	Which leader of Mandi princ	cely state wa	as convicted in Lahore conspiracy		
	case ?				
	(A) Pandit Gauri Prasad	(B)	Hirdaya Ram		
X.	(C) Hardev	(D)	Mian Jawahar Singh		
A.P.	(Mech.) T.E2016	28			

91.	In which state of India are (Olive Ridley Turtles found ?	
	(A) Gujarat	(B) Tamil Nadu	ġ
	(C) Kerala	(D) Odisha	
92.	With which state of India is	Lavani dance associated ?	
	(A) Asom	(B) Arunachal Pradesh	
	(C) Manipur	(D) Maharashtra	
93.	Who was the first Indian to	be charged with sedition ?	
	(A) Lala Lajpatrai	(B) Jogendra Chand Bose	
	(C) Mangal Pande	(D) None of these	
94.	Persons of which age-group	are eligible under the Atal Pension Yojna	?
	(A) 16-60 years	(B) 20-50 years	
	(C) 18-40 years	(D) 20-70 years	
A.P	(Mech.) T.E2016	29 P.T	ю.

95.	How many cities of Madhya Pr	radesh have been inclu	ded in the first list of
	smart cities released in Janua	ary 2016 ?	
	(A) One	(B) Two	*
	(C) Three	(D) Four	
96.	When will the President of	United States be ele	cted by the electoral
	college ?		
	(A) Tuesday November 8, 20	016	Ş.
	(B) Wednesday November 16	6, 2016	
	(C) Tuesday November 15, 2	2016	
	(D) None of the above		
97.	In which field did Angus Dea	aton win Nobel prize i	n 2015 ?
	(A) Physics	(B) Chemistry	
	(C) Medicine	(D) Economics	S
A.P	(Mech.) T.E2016	30	

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	(A)	President of Taiwan		
	(B)	Prime Minister of Comb	oodia	7.5
	(C)	Foreign Minister of Nor	th Korea	
į.	(D)	Prime Minister of Laos		
99.	Ider	ntify the Indian origin	cancer expe	rt who was knighted by Queen
	Eliz	abeth in the new year h	onours list r	eleased on December 31, 2015 :
	(A)	Hardev Singh	(B)	Hardyal Singh
	(C)	Daljit Singh	(D)	Harpal Singh Kumar
100.	Whi	ich one of the following o	countries is 1	not a member of ASEAN ?
	(A)	Vietnam	(B)	Brunie
	(C)	Laos	(D)	Japan
A.P.(Mech	.) T.E2016	31	P.T.O.

Who is Tsai Ing-Wen?

98.