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

TEST BOOKLET SERIES

TEST BOOKLET LECT (EEE) 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.	Encode clearly the test booklet series A, B, C or D as the case may be in the appropriate place in the answer sheet.
3.	Write your Roll Number only in the box provided alongside.

Do not write anything else on the Test Booklet. This Test Booklet contains 100 items (questions), Each item comprises four responses 4. (answers). Choose only one response for each item which you consider the best.

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 :

- Do the encoding carefully as given in the illustrations. While encoding your particulars 6. 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 been marked in the ANSWER SHEET, to erasing/fluid is allowed.
- 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.
- 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 9. front portion of the Answer Sheet as per the instructions sent to you.
- If a candidate give more than one answer, it will be treated as a wrong answer even 10. if one of the given answers happens to be correct.
- After you have completed the test, hand over the Answer Sheet only, to the Invigilator. 11.

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Time	Allov	wed: 2	Hours				[Maximum	Marks	s : 100
1.	A ne	etwork h	as 10 nodes a	nd 17	branches.	The nun	ber of diffe	rent noc	de pair
	volta	ages wo	uld be:						
	(A)	7			(B)	9			
	(C)	10			(D)	45		3	
2.	The	cut-set	schedule give	es the	relation b	etween :		.85	
	(A)	branch	currents and	l link	currents				
	(B)	branch	voltages and	l tree	branch vo	ltages	*/		10
	(C)	branch	voltages and	l link	voltage				12
	(D)	branch	currents and	d tree	currents				
3.	Mill	man's tl	heorem yields	equiv	alent;				
	(A)	impeda	ince		(B)	current	source		
	(C)	voltage	source		(D)	current	or voltage	source	
4.	A to	wo-port	network is de	efined	by the rel	lations :		ie.	41
	I, =	$I_1 = 2V_1 + V_2$ and $I_2 = V_1 + V_2$. Then z_{22} (in Ohms) is :							
	(A)	2			(B)	1	i i		
	(C)	-1			100	-2			
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5. Two two-port networks a and b having A, B, C, D parameters as :

Aa = Da = 4

and

Ab = Db = 3

Ba = 5, Ca = 3

Bb = 4, Cb = 2

are connected in cascade in the order of a, b. The equivalent A parameter of the combination is :

(A) 17

(B) 22

(C) 24

(D) 31

6. In a band pass filter, the resonant frequency of shunt branch is that
of series branch.

(A) greater than

(B) smaller than

(C) equal to

D) any of these

Divergence theorem relates and integrals.

(A) volume, surface

(B) volume, line

(C) line, surface

(D) all of these

8. According to Maxwell's curl equation for electric field,

(A) $\nabla \cdot \mathbf{E} = 0$

(B) $\nabla \times \mathbf{E} = 0$

(C) $\nabla \cdot \mathbf{E} = \frac{\mathbf{Q}}{\varepsilon}$

(D) $\nabla \cdot \mathbf{E} = \rho_v$

9. Match List-I with List-II and select the correct answer using the codes given below:

List-I (Expression)

List-II (Law/Theorem/Equation)

(a) $\nabla^2 V = -\frac{\rho_v}{\varepsilon}$

(1) Gauss's law

(b) $\nabla^2 V = 0$

(2) Divergence theorem

(c) $\oiint \mathbf{D}$, $ds = \mathbf{Q}$

- (3) Laplace's equation
- (d) $\iiint (\nabla.\mathbf{D})dv = \oiint \mathbf{D}. ds$
- (4) Poisson's equation

Codes:

- (a)
- (b)
- (c)
- (d)

- (A) (4)
- (2)
- (3)
- (1)

- (B)
- (3)
- (1)
- (2)
- (4)

- (C)
- (2)
- (3)
- (4)
- (1)

- (D)
- (4)
- (3)
- (1)
- (2)

- - (C) D_{1n} . $D_{2n} = 0$ (D) None of these
- 11. The mean free path of an electron is given by :
 - (A) the sum of average velocity and average time of collisions
 - (B) the difference of average velocity and average time of collisions
 - (C) the product of average velocity and average time of collisions
 - (D) the ratio of average velocity and average time of collisions
- 12. Above the ferromagnetic Curie temperature, the behaviour of a ferromagnetic material is somewhat similar to that of a/an material.
 - (A) Diamagetic

(B) Paramagnetic

(C) Ferrimagnetic

(D) Anti-ferromagnetic

13. In the case of a distortionless transmission line

(A)
$$\frac{R}{L} = \frac{G}{C}$$

(B)
$$\alpha = \sqrt{RG}$$
 and $\beta = \omega \sqrt{LC}$

(C)
$$z_0 = \sqrt{\frac{R}{G}} = \sqrt{\frac{L}{C}}$$

- (D) All of these
- 14. A quarter wave loss-less line reflects the load impedance to the input terminals as :
 - (A) its inverse mutliplied by the square of the characteristic resistance
 - (B) the input impedance
 - (C) the impedance of the inductor
 - (D) the impedance of the capacitor
- 15. For the electromagnetic wave propagating in a good conductor, the magentic field with respect to electric field by in time phase.
 - (A) leads, 45°

(B) lags, 45°

(C) leads, 90°

(D) lags, 90°

16.	Which of the following tests needs t	wo n	achines ?
	(A) Brake	(B)	Swinburne's
	(C) Hopkinson's	(D)	Retardation
17.	An amplidyne is provided with split	pole	es so as to :
	(A) increase amplification factor	(B)	provide space for interpoles
	(C) increase efficiency	(D)	dampout mechanical oscillations
18.	In a dc motor, the shaft torque i	s les	s than armature torque. This is
5.	due to :		
1	(A) eddy current loss	(B)	hysteresis loss
	(C) stray loss	(D)	all of these
19.	The ratio of the starting torque to	o full	load torque is minimum in case
	of:		
	(A) cumulative compound motors	(B	differential compound motors
	(C) series motors	Œ) shunt motors
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		89°8								
20.	Ope	n-circuit test	t in a trar	sformer	is perfe	ormed	with:	. 9	· .	
7.	(A)	rated trans	former vo	ltage	(B)	rated	transfo	mer cui	rent	
	(C)	direct curre	ent		(D)	high	frequenc	y suppl	y	g
2.		•		e E	200	12	2			1845
21.	Dist	ribution tra	nsformers	are desi	igned to	have	maximu	m effici	ency n	early
	at	of full	load.		2	-	4 82	25		
e	(A)	100%	1) 244	**	(B)	70%				
	(C).	25%		4	(D)	10%				Ž.
22.	Nat	ural air cool	ling is use	ed for tr	ansform	ers of	rating t	apto :	8	19
		A)		1	W-77508	A Maria Caracana	0055000A	65		
	(A)	100 kVA		≅	(B)	500	kVA	20		
	(C)	5-10 kVA			(D)	10 M	IVA	1	tara ¥	
23.	The	5th space	harmonics	in the	mmf de	velope	d by ba	lanced f	undam	ental
	freq	uency arma	ture curre	nts rota	te at	t	imes the	synchr	onous	speed
	wit	h respect to	the field.	36	4		A			
	Pari P			*.	(#) UNLASS	lla d		3.90	E 2	+0
	(A)	5/6	(14) (14)		(B)	6/5				
800	264	6	8 9		<u> 24.50</u> 3			¥ 8		
	(C)	5/4	8 19		(D)	5/7				
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24.	The	rating of a	synchronou	s machine	is t	isually g	overned	by it	8. :
	- 51					•	\$		
	(A)	temperatur	e rise		(B)	speed			×
				T. 41					*10
	(C)	weight		*	(D)	mmf			
					ű.				
25.	An	alternator w	ith higher	value of S	CR :	has :			9.
	(A)	poor voltag	e regulation	and low	er st	ability li	mit		
370						422	21		*
	(B)	poor voltag	ge regulation	n and hig	her s	stability	limit		F. C.
	(C)	better volt	age regulati	on and lo	wer	stability	limit		8
	(D)	better volt	age regulati	ion and h	igher	stability	y limit		
26.	A sy	ynchronous r	notor with n	egligible a	rmat	ure resis	tance rui	ns at a	load angl
	of 2	of 20° at the rated frequency. If supply frequency is increased by 10% , keeping							
	oth	er paramete	rs constant,	the new	load	angle w	ill be :		
			100			was.			
	(A)	16°			(B)	18°			
	3/5.0000	E)			(Park	000			
	(C)	20°			(D)	22°			100
-			14.0						in m c

27.	In an induction motor under runnin	g condition, the rotor reactar	nce per phase
	is its standstill phase rea	ctance.	
7.	(A) s times	(B) equal to	
	(C) 1/s times	(D) (1 - s) times	
28.	Which one of the following is the	poorost alcotrical conductor	. 9
20,	which one of the following is the	poorest electrical conductor	2010
	(A) Steel	(B) Aluminium	
	(C) Copper	(D) Carbon	
29.	Which one of the following metals	has the lowest temperature	coefficient of
	resistance ?		
	(A) Gold	(B) Copper	
	(C) Aluminium	(D) Kanthal	
	(C) Aluminium	(D) Kanthal	343
30.	Which one of the following materi	als is not a piezoelectric m	aterial ?
	(A) BaTiO ₃	(B) Quartz	
	(C) Rochelle salt	(D) Yttrium garnet	
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22 - 5	*			
31.	In Francis turbine, the number	r of blades	is usually of the order	of:
6	(A) 3-6	(B)	6-8	
÷	(C) 8-10	(D)	16-24	
32.	The maximum head of a Kapl	an turbine	is limited to:	
	(A) '5 m	(B)	25 m	
	*	,		
	(C) 70 m	(D)	125 m	
33.	Flyash generally results from			20,20
	(A) fluidized bed boilers	(B)	pulverized coal boilers	3
	(C) diesel engines	(D)	gas turbines	
34	. Critical mass of the fuel is the	amount r	equired to make the mu	ıltiplicatior
	factor:			
	(A) less than unity	(B)	more than unity	-2
		13	117	8
	(C) equal to unity	(D)	0.5	
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35.	If th	e generating station is situate	d very cl	ose to the load centre, the penalty
	facto	or for this unit will be:		
	(A)	zero	(B)	almost unity
	(C)	negative	(D)	very high
36.	The	voltage of a bus can be con	trolled b	y controlling the :
		2	- 14	
	(A)	phase angle	(B)	reactive power of the bus
+5	(C)	active power of the bus	(D)	both (A) and (B)
37.	The	area under the load curve	represent	s:
	· (A)	system voltage	(B)	current
	(C)	energy consumed	(D)	maximum demand
38.	Don	nestic consumers are usually	charged	
	(A)	block rate tariff	(B)	flat rate tariff
1,*	(C)	flat demand tariff	(D)	off peak tariff
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	The Carrier	11/ 1.11/ 2010 11	***	54

39.	The p	enalty for low pov	ver lactor is i	mpos	ed on consume	13.
	(A)	industrial	2 1s	(B)	agricultural	
	(C)	residential	4.	(D)	commercial	
4 0.	The	effect of wind pres	sure is more	pred	ominant on:	
	(A)	insulators		(B)	transmission lines	
	(C)	supporting towers		(D)	none of these	
41.	Whe	never the conductor	s are dead-en	ded o	r there is a change in	the direction
	of tr	ansmission line, th	e insulators (used	are of the :	
	(A)	Pin type	5	(B)	Suspension type	
	(C)	Shackle type		(D)	Strain type	
42.	Two	insulator discs of	identical capa	citar	ce value C makes up	a string fo
	a 22	kV, 50 Hz, single	-phase overhe	ad li	ne insulation system.	If the pin t
8550	eart	h capacitance is a	lso C, then th	e str	ring efficiency is:	
	(A)	50%		(B)	75%	

			P-1
43.	The only advantage of coro	na is that it :	100
			May
	(A) produces a pleasing lu	minous glow	
			No. 188
	(B) makes line current sin	usoidal	
			10.00
	(C) works as a safety valv	e for surges	
	(D) ozone gas is produced		
		Commence of the second	
44.	Characteristic impedance	of an overhead transmission lin	ne is in the
	range of:		
1	(A) 100-200 Ohms	(B) 200-300 Ohms	dev.
	(0) 0 100 0)	(D) 400 E00 (D)	
	(C) 0-100 Ohms	(D) 400-500 Ohms	
	T		
45.	For a fixed receiving end and	l sending end voltages in a transmi	ssion system
	what is the locus of the con	nstant power ?	
			-
	(A) A straight line	(B) An ellipse	
	(C) A parabola	(D) A circle	
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ALCOHOL: NO. 1			

46.	The least expensive protection for overcurrent in low-voltage system
	is:
	(A) rewirable fuse (B) isolator
ž.	(C) circuit breaker (D) air-break switch
47.	A bimetal strip, in a thermal relay, consists of two metal strips of
	different:
	(A) specific heat (B) thermal conductivity
	(C) coefficients of expansion (D) all of these
48.	For the protection of lines against faults involving variable fault resistance,
	the preferred relaying scheme is a:
	(A) plain impedance relay
Ε)	(B) directional overcurrent relay
	(C) mho relay
	(D) reactance relay

49.	The neutral of 10 MVA, 11 kV alternat	or is earthed through a resistance
13	of 50 Ohms. The earth fault relay is s	set to operate at 0.75 A. The CTs
	have a ratio of 1000/5. What percent	age of the alternator winding is
	protected ?	II.

(A) 85%

(B) 88.2%

(C) 15%

(D) 11%

50. Time graded protection of a radial feeder can be achieved by using :

- (A) definite time relays
- (B) inverse time relays
- (C) both definite and inverse time relays
- (D) none of the above

51. The $\frac{dv}{dt}$ effect in SCR can result in :

- (A) low capacitive charging current
- (B) false triggering
- (C) increased junction capacitance
- (D) high rate of rise of anode voltage

52.	The average of	on state curr	ent for a	thyristor	is 20 A	for a cond	uction
	angle of 120°	. Its average	on state	current	for 60°	conduction	angle
	would be :	2			14	60 gr	

(A) 20 A

(B) less than 20 A

(C) 40 A

(D) 60 A

53. In the buck-boost converter, what is the maximum value of the switch utilization factor ?

(A) 0.25

(B) 0.5

(C) 0.75

(D) 1.00

54. A step up chopper has source voltage and duty cycle of V and a. The output voltage of this chopper is:

(A) $\frac{V}{1-\alpha}$

(B) V(1-a)

(C) $\frac{V}{1+a}$

(D) V(1 + a)

55.	How many switches are used	l to construc	et a three-phase	to three-phase
	cycloconverters ?			
	(A) 3	(B) (3	
	(C) 12	(D) 1	18	***
56.	In a CSI, if frequency of vol	tage is f, th	en frequency of	output voltage
	is:			
	(A) f	(B)	$\frac{f}{2}$	
	(C) $\frac{f}{4}$	(D)	<u>f</u> 8	
57.	The NAND-NAND realization	is equivalent	to reali	zation.
	(A) AND-NOT	(B) A	AND-OR	
	(C) OR-AND	(D) 1	NOT-OR	
58.	When two 16-input multiple	exers drive	a 2-input MUX	K, what is the
	result ?			
	(A) 2-input MUX	(B) 4	l-input MUX	
	(C) 16-input MUX	(D) 3	32-input MUX	
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59.	Ifa	mod-6 counter i	is constructed	usin	g 3 flip-flo	os, the cou	inter will
						63	
	skip:	5.00					
		£:		4			
	V2.20 V2	• CANCAL TO CONTRACT		(D)			
	(A) 4	1 counts		(B)	3 counts		
							14
	(6)			(D)	wana of the		* *
	(C) 2	2 counts		(D)	none of the	se counts	
			87			-	
en	A since	gle channel digits	l etorogo oscilla	ccone	1 11000 a 19 hi	t 10 ⁸ samn	leg/s ADC
60.	A sing	gie channer digna	n storage oscino	scope	uses a 12 Di	t, 10 amp	ROS ZIDO.
				,			- 68
	For a	10 kHz sine wav	e input, what is	the	number of sa	imples take	n per cycle
			ž.				20
	of in	ust 9	. 7				
	or m	out:		4			
					2		
	(A)	1012		(B)	108		
	4.47	131		1		5	
	(C)	10 ⁴		(D)	10^{2}		
		3 2					
61.	The	smallest change	in a measured	vari	able to which	h an instr	ıment will
	respo	nd is:					
	133		FE				
		10	7.5	(03055	# Ø.58		
433	(A)	accuracy		(B)	resolution		
			= 4				
	1	84.760					
	(C)	precision		(D)	sensitivity		
2			10				47
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62.	To r	educe the effe	ct of noise le	vel, 100 sets	of data are	averaged. T	he average	d
		-4			£)			
	date	set will hav	e a noise le	vel reduced	by a factor	r of :		
			£	207				
	(A)	10	24	(B)	14.14	32	1.02	
			1072	**		*		
	(C)	70.7		(D)	100		**	
						02	125	
63.	To 1	measure curre	ents in MHz	range,	type o	f instrume	nt is used.	
			14)		100		-3-	
5	(A)	moving iron		(B)	thermocou	ıple		
							,	
	(C)	electrodynan	nometer	(D)	rectifier			
	- 81	1774		-1	1823			
64.	An	RLC series ci	reuit is und	erdamned T	Co make it	overdamne	d the valu	
	1311	ino series ci	s and	craampea.	o mane it	verdampe	u, mic raio	
£3	of F	ì :				3.5		
8		90				ك	84.5	
	(4)	has to be de	oron and	(B)	has to be	degreesed	to more	
*	(A)	nas to be de	creased	(D)	has to be	decreased	to zero	
		was sand I ame				l mustressivaniem en	1 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2	
	(C)	has to be in	creased	(D)	has to be	increased	to infinity	
		3 0		+	2.1		- 89	
65.	Wha	at is clamp-or	meter used	for ?		*	8	
					2	30		
- 34	(A)	Low ac curr	ent	(B)	High ac	current		
		and the second		1/2		*		
	(C)	Low de curr	ent	(D)	High de	urrent		
10	(4)	Lon de cuil	VIII.	(2)	andu wo			Ç,
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66.	In measurement of resistance	by Carey Fo	ster bridge, r	10 error is	introduced
121	due to :				
¥	(A) contact resistance	(B)	connecting l	eads	59
	(C) thermoelectric emfs	(D)	all of these		*
67.	Which one of the following me	easuring de	vices has mir	nimum los	ading effect
9	on the quantity under measu	rement ?			*
	(A) PMMC	(B)	Hot wire		57
	(C) Electrodynamometer	(D)	CRO		100
00		10.00	a.		19
68.	One cycle of a square wave				
	to occupy 6 cm at a scale	setting of	30 µs/cm.	What is	the signal
	frequency ?	- 1			
	(A) 55.5 kHz	(B)	18 kHz		
	(C) 5.55 kHz	(D)	1.8 kHz		
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69.	Integrating principle in the digital measurement is the conversion
a sies	of:
	(A) voltage to time (B) voltage to frequency
	(C) voltage to current (D) current to voltage
70.	What is a differential transformer?
	(A) constant pressure transducer
16	(B) variable pressure transducer
	(C) constant displacement transducer
1	(D) variable inductance transducer
71.	The steady-state error coefficients for a system are $k_p=\infty,k_v=0$ finite constant
	$k_a = 0$. What is the type of system ?
	(A) 8 (B) 2
	(C) 1 (D) 0

72. For the equation $s^3 - 4s^2 + s + 6 = 0$, the number of roots in the left half of s-plane will be:

(A) 3

(B) 2

(C) 1

(D) 0

73. Which one of the following open-loop transfer functions has root locus parallel to imaginary axis?

(A) $\frac{K}{(s+1)}$

(B) $\frac{K(s+1)}{(s+2)}.$

(C) $K/(s+2)^2$

(D) $\frac{K(s+2)}{(s+1)^2}$

74. What is the gain margin of a system when the magnitude of the polar plot at phase crossover is 'a'?

(A) $\frac{1}{a}$

(B) - a

(C) a

(D) zero

		55	9				12	
75.	When 8 adj	acent l's grou	ped horizo	ntally	or vertic	cally the grou	ip so form	ned
		S 8020						27
	is called:		4					
9		W						
	(A) hex			(B)	octet			8
					T.		17.	2 5
¥	(C) quad			(D)	pair		뱀	
F.02		3.7		45.70	#000000 La			
	138	4					1	
76.	The maximu	um possible n	umber of st	ates i	n a rippl	e counter wit	h 5 flip-fl	ops
						21	140	
	is:			-				
					100		100	
	(A) 32		1 4 1	(B)	15			
3	ATT. T.	*		200				
100	2007 (2) - 2240							*
2	(C) 10			(D)	5	35		
						N 20 20		
77.	The noise fi	gure of an an	plifier is 6	dB. I	f the inp	ut S ratio is	38 dB. tl	hen
50 Pet			n a nnennen som som ster	3)		N	3.55°5355°535°538°135	BEXEL:
	the output	$\frac{S}{N}$ ratio will	ho :	27				
	the output	N Tatlo will	De .				89	
	(A) 44 dB			(B)	40 dB			
	(C) 36 dB			(D)	32 dB	1,11	it.	1.7
	(C) 00 ub		70 (4)	(13)	02 UD			21
TECT	· ·	01 <i>C</i> A	Ð.4					

78.	An	an amn has a differenti	iel rain of 103	and a CMRR of 100. T	ha autmut
10.	7111	op-amp has a unierend	ar gain or 10	and a CMIM of 100. 1	ne output
	volt	age of the op-amp with	inputs of 120	μV and 80 μV will be	10
보통				Paragraphic and the second	
	(A)	26 mV	. (B)	41 mV	
	(C)	100 mV	(D)	200 mV	
				2 0	
79. ^	The	zero level detector is	one application	of a/an:	
*	175040	2702			
	(A)	differentiator	(B)	integrator	
	154				- A
	(C)	summing amplifier	(D)	comparator	
					7.50
80.	Wit	hout a de source, a elip	oper acts like a	1.	
	500.00				
	(A)	clamper	(B)	chopper	121
					14
	(C)	rectifier	(D)	demodulator	
	(0)	rectifier	(D)	demodulator	201
81.	App	proximately how many	years did th	e Chinese Hiuen Tsan	g live in
	Ind	ia ?			
					5
	(A)	Five years	(B)	Ten years	
				17	
	(C)	Fifteen years	(D)	Twenty years	

82.	Near which town of Kangra	District is Masroor temple ?						
	(A) Nurpur	(B) Palampur	11					
	(C) Haripur	(D) Chandpur						
83.	According to the 2011 censu	us which District of H.P. has the highest se	X					
	ratio ?							
	(A) Kangra	(B) Mandi						
	(C) Hamirpur	(D) Bilaspur						
84.	Which raja of Bilaspur prince	ely state sent invitation to Gurukha commande	r,					
	Amar Singh Thapa, to inva	ide Kangra ?						
	(A) Devi Chand	(B) Mahan Chand	Q					
	(C) Kharak Chand	(D) Jagat Chand						
85.	In which year did the activists of the Praja Mandal Movement march towards							
	Dhami which culminated in	the death of two Satyagrahis?						
	(A) 1939	(B) 1941						
	(C) 1942	(D) 1945						
LEC	CT (EEE) T.E. 2016—A	26						

86.	In which District of H.P. is	a Dal lake ?
	(A) Sirmaur	(B) Kangra
	(C) Kullu	(D) Shimla
87.	Where do the people of Mano	li region of H.P. go for holy dip on the Baishakhi
	Day ?	
	(A) Tarna Devi	(B) Riwalsar
	(C) Drang	(D) Bhangrotu
88.	At which place in Kotkhai	is the HPMC upgrading its packing house?
	(A) Purag	(B) Kiari
	(C) Darkoti	(D) Gumma
89,	How many Panchayats ha	we been selected for Swan River Integrated
	Watershed Management Pr	oject in Una District of H.P. ?
	(A) Fifteen	(B) Seventeen
	(C) Twenty	(D) Twenty two
LEC	Γ(ΕΕΕ) Τ.Ε. 2016—A	27 P.T.O.

90.	In which river basin is	Sal Hydel Project ?		
	(A) Ravi	(B) Beas		
	(C) Satluj	(D) Giri		
91.	With which of the follow	ing is Yamini Krishnar	nurthi associated	?
	(A) Civil service	(B) Classi	cal dance	
	(C) Cinema	(D) Spirite	ıalism	
92.	Which constitutional amer	ndment of Indian Constit	ution dealing with	National
	Judicial Appointments Co	ommission was rejected	by the Supreme	Court of
	India ?			
	(A) 92nd	(B) 97th		
	(C) 99th	(D) 102nd		
93.	With which sport is Deep	oika Kumari associated	?	
	(A) Hockey	(B) Archer	у	
	(C) Shooting	(D) Table	Tennis	
LEC	T(EEE) T.E. 2016—A	28		

	3					
94.	Wha	t is India's rank in the 20	15 Humai	n Development	Report ?	
45	(A)	120	(B)	125		
	(C)	130	(D)	138		
95.	Who	was appointed Lokayukta	of U.P. b	y the Supreme	Court of I	ndia in
4.5	2015	5 ?				
8	(A)	Justice R.M. Lodha				
	(B)	Justice Virendra Kumar				
	(C)	Justice Kurian Joseph				(6)
	(D)	None of the above	14			*
96.	Who	is the Chancellor of Gern	nany ?			
	(A)	Dilimma Rousseff	(B)	Angela Merke	ı	
*5	(C)	Tu You You	(D)	Svetlana Alex	ievich	
97.	Who	was crowned 'Miss World	. 2015' ?			8
	(A)	Sofia Nikitchuk	(B)	Maria Harfan	H	
					14224	
	(C)	Sanneta Myrie	(D)	Millela Lalage	ma Royo	T) TI O
LEC	r(EE)	E) T.E. 2016—A	29	* II		P.T.O.

98.	Which is the tallest building in the world?
	(A) Cayan Tower
	(B) Burj Ali Arab
	(C) Burj Khalifa
	(D) New York State Building
99.	Which political party won the Parliamentary Elections held in Poland in
	October-November, 2015 ?
	(A) Law and Justice Party (B) Civic Party
	(C) Socialist Party (D) Democratic Party
100.	Where did maximum deaths occur during terrorist attack in Paris in
	November, 2015 ?
	(A) Bataclan theatre (B) Combodian restaurant
	(C) Football stadium (D) La Kerolin Petit Restaurant
LEC	Γ(EEE) T.E. 2016—A 30