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

1

TEST BOOKLET A.P. (ELECT.) T.E. 2016

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		5			52. 5	_
Time	Allowed : 2 Hours]		20 Table 10	[Maxin	mum Marks: 100)
		All questions	carry equal marks.			
		INSTI	RUCTIONS			
1.	Immediately after the does not have any unby a complete test b	printed or torn booklet.	or missing pages or	items, etc. If	k that test bookle so, get it replaced	t d
2.	Write your Roll Nun Do not write anythin			gside.	** ** ** ** ** **	
3.	This Test Booklet co (answers). Choose or	ontains 100 item aly one response	s (questions). Each for each item whi	ch you consid	er the best.	E
4.	After the candidate he responses is correct selected response by example, response "Comparison of the candidate he responses to the candidate he response to the candidate	or the best, he blackening it com	has to mark the circles the circles with Black of	rcle containing	g the letter of th	e
		(A)	(B) (D)			
5.	Do the encoding care or marking the answ the choice in full and been marked in the	vers on answer s d no part of the ANSWER SHEI	heet, you should bla circle should be left ET, no erasing/fluid	acken the circl unfilled. Afte is allowed.	le corresponding t r the response ha	as
6.	You have to mark a according to INSTRU on the Test Booklet	all your response CTIONS FOR CA or in any paper	s ONLY on the AN NDIDATES' already other than the ansi	ISWER SHEE supplied to you wer sheet shal	1. Responses marke I not be examined	d.
7.	All items carry equathe number of corre	al marks. Attem	pt all items. Your t	total marks w	ill depend only o	n

negative marking.

8. 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.

9. If a candidate give 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.	Strain gauge, LVDT and thermocouple may be classified as transducers.
	(A) active (B) analog
	(C) primary (D) none of these
2.	Hay's bridge is used to measure inductance of a coil of Q value :
	(A) less than 10 (B) more than 10
	(C) more than 100 (D) less than 1
3.	What is the major cause of creeping in an energy meter?
ěž.	(A) Overcompensation of friction
# 60 St	(B) Mechanical vibrations
	(C) Excessive voltage across the potential coil
	(D) Stray magnetic fields
4.	Which of the following devices is used at the first stage of an electronic
£.	voltmeter?
	(A) BJT (B) SCR
	(C) MOSFET (D) UJT
5.	Number of fundamental cut-sets of any graph will be:
	(A) Same as the number of links (B) Equal to 1
A.P. ((C) Same as the number of nodes (D) Same as the number of twigs (ELECT.) T.E. 2016 2

6.	Interline Power Flow Controller (IPFC) is a:
* *	(A) Shunt-series FACTS controller (B) Series-series FACTS controller
n e	(C) Both (A) and (B) (D) None of these
7.	is defined as a steady-state deviation from an ideal sine wave of
	power frequency, principally characterized by the spectral content of the
	deviation.
2 2 8	(A) Waveform distortion (B) Flicker
	(C) Voltage sag (D) Voltage imbalance
8.	is a periodic voltage disturbance caused by the normal operation
·	of power electronic devices when current is commutated from one phase to
E #	another.
	(A) Noise (B) Notching
	(C) Inter-harmonics (D) Sub-harmonics
9.	is also known as the average failure rate.
* **	(A) System average interruption frequency index
	(B) System average interruption duration index
	(C) Average service availability index
10 1923 15 191	(D) Customer average interruption frequency index
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10.	In	mode, no voltage is in	njected	$(V_{DVR} = 0)$ by DVR. The	he booster
		sformer's low voltage winding			
		ching of semiconductors occurs		× ·	
		n this mode most of the time.			
01 80	(A)	Protection	(B)	Injection	
97	(A)	Protection	(D)	2 S	
2	(C)	Stand by	(D)	Shut down	2 823
11.	Resp	oonse time of STATCOM is	t	imes faster than that o	f SVC.
	(A)	2-4	(B)	4-6	
27 E			(D)	8-10	*
	(C)	6-8	75 FS		
12.	Wha	at will be the equipotential sur	faces by	y a pair of equal and op	posite line
	char	ges ?			
	(A)	Spheres	(B)	Concentric cylinders	8 -
	(C)	Non-concentric cylinders	(D)	None of these	8 s
13.	Nor	mally Y _{BUS} matrix is a :	4.5	· · · · · · · · · · · · · · · · · · ·	.
10.		many rBOS massers refer			10 No.
	(A)	Null matrix	(B)	Sparse matrix	x 2 ³
٠	(C)	Full matrix	(D)	Unity matrix	8
14.	Con	npared to Newton-Raphson me	thod, (lauss-Seidel method tak	ces :
×	(A)	Less number of iterations ar	nd more	e time per iteration	9
	(B)	Less number of iterations ar	nd less	time per iteration	× 2
	(C)	More number of iterations a	nd moi	re time per iteration	*
	(D)	More number of iterations a	nd less	time per iteration	
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- 15. A lossless transmission line of characteristic impedance Z_o and length $l<\frac{\lambda}{4} \ \text{is terminated at the load end by an open circuit. What is its input impedance } Z_s \ ?$
 - (A) $Z_s = jZ_o \tan \beta l$

(B) $Z_s = -jZ_o \tan \beta l$

(C) $Z_s = jZ_o \cot \beta l$

- (D) $Z_s = -jZ_0 \cot \beta l$
- 16. What is the internal resistance of an ideal current source?
 - (A) 0

(B) 1

(C) 100

- (D) Infinity
- 17. To have sparkles commutation in dc generator, the brushes are rocked ahead so as to be:
 - (A) Just ahead of magnetic neutral axis
 - (B) In magnetic netural axis
 - (C) Just behind the magnetic neutral axis
 - (D) In geometrical neutral axis
- 18. Scott connections are used for:
 - (A) Single-phase to three-phase transformation
 - (B) Three-phase to single-phase transformation
 - (C) Three-phase to two-phase transformation
 - (D) Any of the above

19.	Opto	o-coupler is used to :
	(A)	Reduce SCR turn-off time
20	(B)	Protect IGBTs against dv/dt
	(C)	Reduce gate signal
e [©]	(D)	Isolate gating circuitry from power lines
20.	A la	ser diode can readily be pulse-modulated, since the photon life time is
		than the carrier life time.
	(A)	Much higher (B) Higher
	(C)	Smaller (D) Much smaller
21.	In o	operating a 400 Hz transformer at 50 Hz:
	(A)	Only voltage is reduced in the same proportion as the frequency
	(B)	Only kVA is reduced in the same proportion as the frequency
	(C)	Both voltage and kVA are reduced in the same proportion as the
		frequency
e #8	(D)	None of the above
22.	Ар	ower station has a maximum demand of 15 MW. The annual load factor
	is 5	0% and plant capacity factor is 40%. What is the reserve capacity of the
	pla	nt ?
	(A)	1875 kW (B) 3750 kW
	(C)	6000 kW (D) 7500 kW
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23.	The operation of an inverter fed induc	ction motor can be shifted from motoring
	to regenerative braking by:	
	(A) Reversing phase sequence	(B) Reducing inverter voltage
55	(C) Decreasing inverter frequency	(D) Increasing inverter frequency
24.	A 90 MVA, 11 kV water wheel genera	eator has an inertia constant $H = 3$. The
	stored energy in the rotor at synchr	ronous speed is :
	(A) 40 kJ	(B) 270 kJ
% 	(C) 270 MJ	(D) 40 MJ
25.	An electric motor developing a starti	ing torque of 15 Nm, starts with a load
	torque of 7 Nm on its shaft. If the	acceleration at start is 2 rad/sec ² , the
	moment of inertia of the systems mu	ust be (neglecting viscous and Coulomb
	friction):	
	(A) 0.25 kgm^2	(B) 0.25 Nm^2
21	(C) 4 kgm ²	(D) 4 Nm ²
26.	For the same conductor length, same	amount of power, same losses and same
3 K	maximum voltage to earth, which	system requires minimum conductor
	area ?	
	(A) Single-phase ac	(B) 3-phase ac
* 2	(C) 2-phase ac	(D) 3 wire dc

27.	What is the approximate value of the surge impedance loading of a 400 kV,
	3-phase 50 Hz overhead single circuit transmission line?
780	(A) 230 MW (B) 400 MW
×	(C) 1000 MW (D) 1600 MW
28.	Which one of the following relays has the capability of anticipating the possible
	major fault in a transformer?
	(A) Buchholz relay (B) Overcurrent relay
	(C) Differential relay (D) Overfluxing relay
29.	An overhead line having a surge impedance of 400 Ohms is connected in
	series with an underground cable having a surge impedance of 100 Ohms.
	If a surge of 50 kV travels from the line end towards the line-cable junction,
	the value of the transmitted voltage wave at the junction is:
g	(A) 20 kV (B) 30 kV
	(C) 80 kV (D) -30 kV
30.	A dc motor armature, supplied through phase controlled thyristors, receives
	a smoother voltage shape at:
21	(A) rated motor speeds (B) low motor speeds
it e	(C) moderate motor speeds (D) higher motor speeds
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31.	ac t	to dc circulating current dual converters are operated with the followin
	rela	tionship between their triggering angles $(\alpha_1 \text{ and } \alpha_2)$:
	(A)	$\alpha_1 - \alpha_2 = 180^{\circ}$ (B) $\alpha_1 + \alpha_2 = 90^{\circ}$
	(C)	$\alpha_1 + \alpha_2 = 360^{\circ}$ (D) $\alpha_1 + \alpha_2 = 180^{\circ}$
32.	The	lamp that cannot sustain much voltage fluctuations is:
	(A)	incandescent lamp (B) sodium vapour lamp
*	(C)	mercury iodide lamp (D) mercury vapour lamp
33.	The	transfer function of a system is the Laplace transform of its:
	(A)	step response (B) square wave response
	(C)	impulse response (D) ramp response
34.	The	air-blast circuit breakers for 400 kV system are designed to operate
	in:	
	(A)	100 μs (B) 50 ms
	(C)	0.1 s (D) 0.5 s
35.	Dur	ing spot welding, the current flows for:
	(A)	fraction of a minute
225	(B)	fraction of a second to several seconds
	(C)	few milliseconds
8.	(D)	few microseconds

36.	A so	lar cell is	actually a	device whi	ch u	tilizes:		13
	(A)	Photocon	ductive effe	ct	(B)	Photovoltaic ef	fect	
	(C)	Photoemi	ssive effect		(D)	Photoresistive	effect	
37.	Whi	ch semico	nductor devi	ice, out of t	he fo	llowing, is <i>not</i> a	current tri	ggered
	devi	ce ?		v days and	SE 2005			
	(A)	Thyriston	• •		(B)	GTO	2	
	(C)	TRIAC			(D)	MOSFET		
38.	Carr	rier freque	ency gate di	rive is used	l for	turn-on of a th	yristor to re	educe :
×	(A)	di/dt			(B)	dv/dt		
	(C)	turn-on	time	7	(D)	size of pulse t	ransformer	£ :
39.	For	an UJT	employed for	r triggering	an S	SCR, standoff ra	atio is 0.64	and dc
	sour	ce voltage	${ m V}_{ m BB}$ –is 20	V. The UJT	wou	ld trigger when	the emitter	voltage
	is:		* * K			8 W	2	5 6
	(A)	6.4 V	Δ		(B)	12.8 V		es.
	(C)	6.55 V		•	(D)	13.1 V		
40.	A fo	our quadr	ant operation	on requires				
*	(A)	two full	converters	in series		7		
	(B)	two full	converters	connected	oack	to back	6.	
	(C)	two full	converters	in parallel		80 S S S S S S S S S S S S S S S S S S S	in .	
	(D)	two sem	i-converters	connected	back	to back		
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41.	Parallel operation of traction motors is easier with:
× 20	(A) dc shunt motor
• 5 (5)	(B) dc series motor
	(C) induction motor
	(D) differential compound dc motor
42.	High temperature metals such as columbium can be easily welded by:
	(A) MIG welding (B) TIG welding
	(C) Electron beam welding (D) Flash butt welding
43.	During load shedding:
	(A) System voltage is reduced (B) System loads are switched off
**	(C) Both (A) and (B) (D) None of these
44.	In the load-frequency control system with free governor action, the increase
	in load demand under steady conditions is met:
15 15	(A) Partly by increased generation and partly by decrease of load demand
	(B) Only by increased generation by opening of steam valve
	(C) Both (A) and (B)
8	(D) None of the above
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45.	In H	VDC transmission,	there are p	redominan	ե :	- 10	1	0
	(A)	current harmonics	on ac side	and volta	ge harmon	ics on d	c side	of
		converters			e .	- A	40 AND 3	
	(B)	current harmonics	only on the	dc side of	the conve	rters		
	(C)	both (A) and (B)		34. 34.		2		
	(D)	none of the above			ad ^a a			
46.	For a	automatic drives, th	e preferenc	e is for:				
	(A)	Syncronous motors					E J.	E.
	(B)	Ward-Leonard contr	rolled dc sh	unt motor	3			×
	(C)	Plain squirrel cage	induction	motors	b ² 8		y	
	(D)	Any of the above					02 to 12	
47.	For	the speed control o	f ac drive,	the prefer	red metho	d using	thyristo	ors
	is:							52.
	(A)	phase control		(B) inte	gral cycle	control		
	(C)	chopper control		(D) all	are equally	good		
48.	In re	otating electrical ma	chines, the	insulation	temperatu	re limit f	or class	s E
	type	is:						63
	(A)	105°C	9	(B) 130	°C			s 90
	(C)	150°C		(D) 180	°C			
e =			10			5 0 8		

49/	The	phase comparators in case of static relays and electromechan	nical relays
	norn	nally are:	Ø 0
120	(A)	cosine and sine comparators respectively	
	(B)	sine and cosine comparators respectively	
1	(C)	both are sine comparators	
	(D)	both are cosine comparators	
50.	The	neutral of 10 MVA, 11 kV alternator is earthed through a	resistance
	of 5	Ohms. The earth fault relay is set to operate at 0.75A. Th	e CTs have
2	a ra	tio of 1000/5. What percentage of the alternator winding is	protected?
1000	(A)	11.8% (B) 15%	e e
	(C)	85% (D) 88.2%	
51.	Zero	sequence current is used for relaying purposes only in the	e case of:
	(A)	phase overcurrent relay	*
	(B)	phase impedance relay	
5 3 E	(C)	ground impedance relay	
	(D)	ground overcurrent relay	
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52.	A b	us-bar is rated by:
- O <u></u> .	11 0	as par is rated by .
3	(A)	current only
•	(B)	voltage only
	(C)	current, voltage and frequency
	(D)	current, voltage, frequency and short-circuit current
53.	Hov	w many relays are used to detect interphase fault of a three-line
		em ?
	(A)	One (B) Two
	(C)	Three (D) Six
54.	Witl	h the rise in temperature, the insulation resistivity:
8	(A)	Reduces exponentially (B) Reduces linearly
***	(C)	Increases linearly (D) Remains same
55.	In t	he HVDC system, the ac harmonics which get(s) effectively eliminated
	with	12 pulse bridge converters, are :
5940	(A)	Triplen harmonics
	(B)	Triplen and 5th harmonics
	(C)	Triplen, 5th and 7th harmonics
	(D)	5th and 7th harmonics
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56.	The main criterion for selection of the	size of a distributor for a radial
_	distribution system is:	
	(A) Voltage drop (B)	Corona loss
	(C) Temperature rise (D)	Capital cost
57 .	For constant voltage transmission, the	voltage drop along the line is
	maintained constant by installing	at the receiving end.
	(A) capacitors (B)	inductors
		1 1.0
5-	(C) resistors (D)	synchronous phase modifiers
58.	For a fixed value of complex power flow in a	transmission line having a sending
	voltage V, the real power loss will be pro-	oportional to :
		2
	(A) V (B)	$ m V^2$
	(3) 4.52	
	(C) $1/V^2$ (D)	1/V
59.	Wavy structure of pin insulator increases	s its:
	(A) mechanical strength (B)	puncture strength
2	(C) flashover voltage (D)	thermal strength
60.	Doherty rate tariff is applied to:	
Ю.	Donetty rate tarm is applied to .	
	(A) domestic consumers (B)	medium industrial consumers
	(1) domestic consumers (B)	mediam massiful consumers
<u>e</u>	(C) bulk supplies (D)	municipal loads
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61.	Which one of the following is FACI	OS de	evice ?
×	(A) UPQC	(B)	TCSC
15)	(C) SPS	(D)	SSSC
62.	The daily energy produced in therms	al pov	wer station is 720 MWh at a load
	factor of 0.6. What is the maximum	dem	and of the station ?
	(A) 50 MW	(B)	30 MW
	(C) 72 MW	(D)	720 MW
63.	The knowledge of diversity factor he	elps i	n computing:
	(A) Plant capacity	(B)	Average load
	(C) kWh generated	(D)	Peak demand
64.	The speed regulation parameter R of	a con	trol area is 0.025 Hz/MW and load
*	frequency constant D is 2 MW/Hz. Th	e area	a frequency response characteristic
a	(AFRC) is:		
	(A) 2 MW/Hz	(B) _.	20 MW/Hz
	(C) 40 MW/Hz	(D)	42 MW/Hz
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65.	The public sector unit associated with the manufacturing of steam power plant
6	equipment in India is:
i e	(A) N.T.P.C.
. 8	(B) Bharat Heavy Electricals Limited
<i>v</i>	(C) Heavy Engineering Corporation
	(D) Neyveli Lignite Corporation
66.	Zener diode is used as the main component in dc power supply for :
	(A) rectification
	(B) voltage regulation
	(C) both rectification and voltage regulation
	(D) filter action
67.	Avalanche breakdown is primarily dependent on the phenomenon of:
	(A) collision (B) doping
£	(C) ionization (D) recombination
68.	What is maximum output voltage of a 3-phase bridge rectifier supplied with
	line voltage of 440 V ?
	(A) 528 V (B) 396 V
	(C) 594 V (D) 616 V
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69.	The	voltage g	gain of an	ideal volta	age foll	ower is :		Y B
ė.	(A)	1			(B)	< 1		
a Si	(C)	0	d P a		(D)	infinity	10 10 10 10 10 10 10 10 10 10 10 10 10 1	a a
7Ó.	The	zero leve	l detector i	s one app	lication	n of :	**	e r s ^N
	(A)	different	iator		(B)	integrator		
98 (0)	(Ċ)	summing	g amplifier		(D)	comparator		
71.	Whi	ich of the	following i	s not a co	mpone	nt of PLL ?	# C C S	
* =	(A)	VCO		N 0	(B)	Loop filter		
	(C)	Phase de	etector		(D)	Frequency mul	tiplier	
72 .	FSK	demodul	ation is an	application	on of:			
	(A)	BPF		•	(B)	Timer		et et
	(C)	PLL			(D)	None of these		
73.	In o	rder to get	best results	per unit c	ost, the	heat sinks on w	hich the thy	ristors
	are	mounted	are made o	f :				
	(A)	nickel			(B)	stainless steel	** = 2) **	3 3 3
	(C)	aluminiu	m	8.0	(D)	copper		2 10 10 10 10 10 10 10 10 10 10 10 10 10
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	74.	In a thyristors dc chopper,	, which type	of commutation	results in bes	st
		performance ?			*	
	#	(A) Load commutation	(B)	Current commu	ıtation	112
		(C) Supply commutation	(D)	Voltage commu	tation	
ě	7 5.	LEDs are fabricated from:				
		(A) silicon	(B)	germanium		
	<i>g</i>	(C) silicon or germanium	(D)	gallium arsenio	le	
	76.	in order to build a MOD-12 co	ounter, the m	inimum number (of flip-flops neede	ed
		is equal to:				
		(A) 12	(B)	4	•	8
	er er	(C) 3	(D)	1		
	77.	What is the value of LSB	of an 8-bit D	OAC for 0-12.8 V	range ?	î
		(A) 1.6 V	· (B)	50 mV		
	•	(C) 0.625 V	(D)	1.28 V		
	78.	In a digital voltmeter, the o	scillator frequ	ency is 400 kHz	, the ramp volta	ge
		falls from 8 V to 2 V in 2 m	s. The numb	er of pulses coun	ted by the count	er
8		is:				
	31	(A) 8000	(B)	4000		
	n * n	(C) 3200	(D)	1600		
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79.	Acti	ve power is a function of			
	(A)	voltage phase angle	s .∞ 3	(B)	voltage magnitude
	(C)	impedance		(D)	all of these
80.	Load	d flow study yields a	solut	ion t	to have the values of P_i , Q_i , mag(V)
20	and	voltage phase angle at e	ach bus	5.	
	(A)	transient		(B)	dynamic
	(C)	steadystate	8	(D)	any of these
81.	Whi	ch of the following is a t	ributary	of	the Satluj river ?
	(A)	Bather		(B)	Baner
	(C)	Spiti		(D)	Beljedi
82.	In v	which district of H.P. is C	Chander	kup	lake ?
	(A)	Shimla	9	(B)	Solan
	(C)	Chamba	Ti di	(D)	Kinnaur
83.	Acco	ording to 2011 census the	density	y of	population in H.P. is 123 persons
	per	sq. km. In how many	district	s of	the state it is below the state
	avei	rage ?	2 n		
	(A)	3		(B)	4
2 8	(C)	5		(D)	6
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84.	In which month does the annual	Manimahe	sh Pilgrimage (of Chamba) usually
04.	begin ?		on Tingitimago (or Onamou) abatany
	(A) June	(B)	July
	(C) August	(D)	None of these
85.	Where was a battle fought bet	ween Raja	Bhim Chand of Kehlur and the
	Mughals during the last quarter	of 17th ce	entury in which the Mughals were
	defeated?	* **	
	(A) Mahal Morian	(B)	Nadaun
	(C) Bachhretu	(D)	Dhar Kot
86.	Which Raja of Chamba founde	d the Cha	mba town ?
	(A) Meru Varman	(B)	Mushan Varman
38 38	(C) Soma Varman	(D)	Sahil Varman
87.	What is the architectural style	of Hidim	ba temple of Manali?
PR.	(A) Pagoda	(B)	Pentroof
	(C) Nagara	(D)	Pala Art
88.	Where is Jersey Cattle breeding	ng Farm in	n Mandi District of H.P.?
	(A) Bhangrotu	(B)	Kamand
	(C) Chauntra	(D)	Gopalpur
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89.	Who	was the last ruling Raja of Si	rmau	r princely state?
	(A)	Raghubir Parkash	(B)	Shamsher Parkash
	(C)	Amar Parkash	(D)	Rajinder Parkash
90.	Whi	ch of the following hydro-power	proje	ect is in Private Sector in H.P.?
	(A)	Sumez	(B)	Gaj
	(C)	Sissu	(D)	Thirot
91.	The	re are two routes to Amarnath Sl	hrine	in J and K. One is via Pahalgam.
51 5536	The	other is via		
	(A)	Atbattu	(B)	Qazigund
ti ac	(C)	Satsar	(D)	Baltal
92.	Witl	h which of the following is Pahl	aj Ni	ihalani associated ?
	(A)	Film and Television Institute		
6	(B)	Censor Board (Central Board o	of Fil	m Certification)
~	$_{\alpha}(\mathbf{C})$	CBSE		
	(D)	Election Commission of India	e w	
93.	Whi	ich day is observed as National	Spor	ts Day in India ?
	(A)	June 21	(B)	July 4
	(C)	August 29	(D)	October 15
94.	Who	o headed the committee which pro	posed	that the policy of detention should
	be r	reinstated beyond class V exami	natio	n in schools in India?
	(A)	Sudhir Mankad	(B)	Shailaja Chandra
38	(C)	T.S.R. Subramanian	(D)	J.S. Rajpal
A.P.	(ELE	CT.) T.E. 2016 22		

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95.	With which of the following is Ti	ntu Luka associated?
	(A) Hockey	(B) Athletics
	(C) Kabaddi	(D) Table Tennis
96.	What is the name of Turkey's air	port where over 40 persons were killed in
	twin blasts followed by gun fire	in June 2016 ?
*	(A) Hasan	(B) Hussain
11	(C) Ataturk	(D) Anatolia
97.	In the recent referendum approxim	nately what percentage of voters of Scotland
	voted in favour of staying in the	European Union ?
8 8	(A) 38 percent	(B) 48 percent
	(C) 62 percent	(D) none of these
98.	In which country is the Headqua	arters of Red Cross ?
8	(A) Switzerland	(B) England (U.K.)
	(C) Austria	(D) France
99.	Who helped Baden Powell in set	ting up Girl Guide Movement?
	(A) his wife	(B) his mother
.1	(C) his sister	(D) his niece
100.	Who is President of Indonesia?	
	(A) Joko Widado	(B) Prabowd Subianto
	(C) General Suharto	(D) None of these
A.P.	(ELECT.) T.E. 2016	23 P.T.O.