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

# TEST BOOKLET AP (EE)-2017

Time	e 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 been marked in the ANSWER SHEET, no erasing/fluid is allowed.

- 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. All items carry equal marks. Attempt all items. Your total marks will depend only on 7. the number of correct responses marked by you in the Answer Sheet. There will be no
- negative marking and 1/4 (0.25) of the marks will be deducted as penalty for wrong answers. 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 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.	In an induction type of meter, maximum torque is produced when phase	angle
	between two fluxes is :	
	(A) 0° (B) 45°	
	(C) 60° (D) 90°	
2.	Which of the following instruments indicates the instantaneous value electrical quantity being measured at the time at which it is measured?  (A) Absolute instrument (B) Indicating instrument	
3.	(A) Absolute instrument (B) Indicating instrument (C) Recording instrument (D) Integrating instrument The source of emission of electrons in a Cathode Ray Tube is:	
	<ul> <li>(A) PN junction diode</li> <li>(B) A barium and strontium oxide coated cathode</li> <li>(C) Accelerating anodes</li> <li>(D) Post-accelerating anodes</li> </ul>	
4.	Megger is an instrument used for the measurement of :  (A) High resistance and insulation resistance  (B) Medium resistance	
	(C) Low resistance (D) Leakage resistance	S.

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5.	Instrument whose deflection depends upon average value, is :
	(A) Moving iron type (B) Hot wire type
	(C) Rectifier type (D) Induction type
6.	In an Anderson bridge the unknown inductance is measured in terms
	of:
	(A) Known inductance and resistances
	(B) Known resistances
	(C) Known capacitance and resistances
	(D) Known capacitance
7.	An ammeter of 0-25 A range has a guaranteed accuracy of 1% of full scale
	reading. The current measured is 5A. The limiting error is :
	(A) 1% (B) 1.25%
	(C) 2.5% (D) 5%
8.	In two wattmeter method of 3 phase power measurement, when does one
	wattmeter read negative ?
	(A) When power factor is less than 0.5 lagging
	(B) When power factor is greater than 0.5 lagging
	(C) When power factor is less than 0.5
	(D) When power factor is unity
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9.	The	input resistance of VTVM is:		
	(A)	1000 Ω	(B)	10 kΩ
	(C)	20 kΩ	(D)	10 ΜΩ
10.	Whic	ch of the following can be used	l to n	neasure capacitance ?
	(A)	Maxwell's bridge	(B)	Anderson bridge
	(C)	De Sauty's bridge	(D)	Hay's bridge
11.	Вуі	ncreasing the transmission volta	age do	ouble of its original value, the same
	pow	er can be dispatched keeping t	he lin	ne loss :
	(A)	Equal to original value		
	(B)	Half of the original value		
	(C)	Double the original value		
	(D)	One-fourth of the original va	lue	
12.	Cor	ona loss increases with :		
	(A)	Decrease in conductor size a	nd in	crease in supply frequency
	(B)	Increase in both conductor s	ize ar	nd supply frequency
	(C)	Decrease in both conductor	size a	nd supply frequency
	(D)	Increase in conductor size a	nd de	crease in supply frequency
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	(D) Two pressure coils and two current coils
14.	To avoid creep in energy meter :
	(A) Two shading bands are put on shunt magnet
	(B) Two shading bands are put on series magnet
	(C) Two holes are cut in the disc on opposite side of spindle
	(D) The potential coil is made of thin wire
15.	If M is mutual inductance between fixed coil and moving coil and $\boldsymbol{\theta}$ is deflection,
	then:
	(A) $\theta \alpha \frac{d\mathbf{M}}{d\theta}$ (B) $\theta \alpha \mathbf{M}$
	(C) $\theta \alpha \left(\frac{d\mathbf{M}}{d\theta}\right)^2$ (D) $\theta \alpha \mathbf{M}^2$
16.	The single most important property that makes SF <sub>6</sub> a very efficient medium
	for circuit breaking is :
	(A) It is non-toxic and non-inflammable
	(B) It has high dielectric constant
	(C) It has high breakdown strength
	(D) It is highly abstrangerating in nature

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A power factor meter has :

(A) One current coil and one pressure coil

(B) One current coil and two pressure coils

(C) Two current coils and one pressure coil

17.	Whe	n fault occurs in a high voltage transmission line, first the :
	(A)	Circuit breaker operates, then relay
	(B)	Relay operates, then circuit breaker
	(C)	Relay operates, then successively the isolator and circuit breaker
	(D)	Isolator operates, then successively the relay and the circuit breaker
18.	The	relay used for feeder protection is :
	(A)	Undervoltage relay (B) Translay relay
	(C)	Thermal relay (D) Buchholz relay
19.	A di	istance relay is said to be inherently directional if its characteristics on
	R-X	diagram:
	(A)	is a straight line offset from origin
7.0	(B)	is a circle that passes through origin
	(C)	is a circle that encloses origin
	(D)	is a straight line passes through origin
20.	The	amount of energy available in the wind at any instant is proportional
	to:	
	(A)	V (B) V <sup>2</sup>
	(C)	$V^3$ (D) $\sqrt{V^3}$
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21.	The inductance of line is minimum when:							
	(A) GMD is high	(B)	GMR is	high				
	(C) Both GMD and GMR high	h (D)	GMD is	low and C	MR is h	igh		
22.	In a short transmission line, ve	oltage reg	ulation is	zero. Ther	power f	act		
	angle of the load on receiving	end side	is:					
	(A) $\tan^{-1}\frac{X}{R}$	(B)	$tan^{-1}\frac{R}{X}$					
	(C) $\tan^{-1} \frac{X}{Z}$	(D)	$tan^{-1}\frac{R}{Z}$					
23.	The main drawback of undergr	round syst	em over	overhead s	ystem is	:		
	(A) Exposure to lightning							
	(B) Heavy initial cost		3					
	(C) Exposure to atmospheric l	hazard						
	(D) Inductive interference between	ween powe	er and co	mmunicatio	on circuit	s		
24.	Bundled conductors are used to	o :		. **.				
	(A) Reduce inductance of the	line				(4		
	(B) Reduce both inductance a	nd capacit	ance of t	he line				
	(C) Reduce capacitance of the	line	4		W.	29		
	(D) Reduce corona loss and li	ne inducts	nce					

25.	Transmission efficiency of transmission line increases with:							
	(A)	Decrease in power factor a	and voltage					
	(B)	Increase in power factor a	nd voltage					
	(C)	Increase in power factor b	ut decreas	e in voltage				
	(D)	Decrease in power factor l	out increas	e in voltage				
26.	Whic	ch relay is used to detect a	and protect	internal faults of transform	ner i			
	(A)	Over-current relay	(B)	Thermal relay				
	(C)	Buchholz relay	(D)	Distance relay				
27.	Whi	ch of the following distribu	tion syster	ns is preferred for good effic	cienc			
69 El	and	high economy ?	-					
¥)c	(A)	Single-phase, two-wire	(B)	2-phase, 3-wire system				
	(C)	3-phase, 3-wire system	(D)	3-phase, 4-wire system				
28.	Whi	ich of the following power s	stations wi	Il take least time in starting	g from			
	cold	to full load operation ?						
	(A)	Nuclear power plant	(B)	Steam power plant				
	(C)	Hydro power plant	(D)	Gas turbine plant				
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	(A)	Focus the spot or	n the screen				
	(B)	Lock the display	of the signal				
	(C)	Adjust the ampli	tude of the dis	splay			
	(D)	Control the inter	sity of the spe	ot			
30.	A d	ligital voltmeter m	easures :				
	(A)	Peak value		(B) F	RMS value		
	(C)	Peak to peak va	lue .	(D) A	verage valu	ie .	
31.	The	resistivities of co	pper and alum	inium	are respectiv	ely:	
	(A)	$2.83 \times 10^{-8}$ and	1.72 × 10 <sup>-8</sup> C	hm· m	etre .		
	(B)	$41.72 \times 10^{-8}$ and	d 2.83 × 10 <sup>-8</sup>	Ohm n	netre		12
	(C)	$1.60 \times 10^{-8}$ and	$1.72 \times 10^{-8}$ (	Ohm m	etre .		ſù
	(D)	$1.72 \times 10^{-8}$ and	1.60 × 10 <sup>-8</sup> (	Ohm m	etre		
32.	The	e correct order of i	insulation class	ses for	increasing r	naximum	permitted
	tem	perature is:	8				
	(A)	ABEY		(B) A	AEBY	Œ	
	(C)	YAEB		(D) Y	YABE		
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The purpose of synchronizing control in a CRO is to:

29.

- 33. In transformers, silicon is added to core steel to:
  - (A) increase the resistivity of the steel
  - (B) reduce the resistivity of the steel and also to reduce the hysteresis loss
  - (C) increase the permeability of the steel and to increase the mechanical strength
  - (D) decrease the resistivity of the steel and to increase the mechanical strength
- 34. The superposition theorem can be applied to solve networks when the network contains :
  - (A) two or more than two voltage sources and no current source
  - (B) two or more than two current sources and no voltage source
  - (C) only one source of any type
  - (D) two or more than two sources of any one, or both types
- 35. Core loss in a transformer :
  - (A) increases directly proportional to the applied voltage
  - (B) increases directly proportional to the square of the applied voltage
  - (C) increases directly proportional to the load on the transformer
  - (D) increases directly proportional to the flux in the core

36.	The phase difference between the	e sinusoidal quantities 100 cos ( $\omega t - 30^\circ$ ) as	nd
	200 sin ( $\omega t + 30^{\circ}$ ) is :		
	(A) 0°	(B) 30°	
	(C) 60°	(D) 90°	
37.	The power to a balanced three-	-phase system is given by:	
	(A) $\sqrt{V_{line}} I_{line} \cos \phi$	(B) $\sqrt{V_{line}} I_{phase} \cos \phi$	
	(C) $\sqrt{V_{phase}} I_{line} \cos \phi$	(D) $\sqrt{V_{phase}} I_{phase} \cos \phi$	
38.	The emf induced in a coil rotation	ng in a uniform magnetic field is maximu	ım
	when:		
	(A) the flux linkages by the co	oil is zero	
	(B) the flux linkages by the co	oil is maximum	
	(C) the rate of change of flux	linkages of the coil is minimum	
	(D) the coil is at right angle t	to the magnetic field .	
39.	A dc series motor should alway	vs be started with load because :	
	(A) at no-load it will rotate at	t dangerously high speed	
	(B) at no-load it will not deve	elop high starting torque	
	(C) it draws a small current a	at no load	
	(D) it cannot start without loa	nd	,

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40.	The speed of a dc shunt m	otor:	
	(A) increases greatly as lo	ad torque increases	
	(B) falls greatly as load t	orque increases	,
	(C) falls only a little as l	oad torque increases	
	(D) increases only a little	as load torque increases	=
41.	In the armature-voltage cor	trol method of speed control	of a dc shunt motor
	as the speed is increased		-
	(A) the torque increases	and the power remains cons	tant
	(B) the torque remains co	onstant and the power decre	ases
	(C) the torque increases	and the power decreases	
	(D) the torque remains c	onstant and the power incre	ases
42.	The no-load power factor	of a transformer is approxin	nately:
	(A) 0	(B) 0.2	
	(C) 0.7	(D) 1	× .

### 43. In a transformer:

- (A) the voltage regulation increases and efficiency decreases as load power factor increases
- (B) the voltage regulation increases and efficiency also increases as load power factor increases
- (C) the voltage regulation decreases and efficiency also decreases as load power factor increases
- (D) the voltage regulation decreases and efficiency increases as load power factor increases

### 44. For a transformer:

- (A) iron loss can be found by short-circuit test and copper loss by open-circuit test
- iron loss can be found by open-circuit test and copper loss by short-circuit test
- (C) open-circuit test results can enable us to determine voltage regulation
- (D) short-circuit test results can enable us to determine efficiency
- 45. If the full-load iron loss of a transformer is 100 W, the iron loss at half-load is:
  - (A) 100 W

(B) 200 W

(C) 50 W

(D) 25 W

46.	A single-phase tra	nsformer is supply	ing pov	ver to a lo	ad at terr	ninal vol	tage
	of 11 kV. On disco	onnecting the load	, the te	rminal vo	ltage rise	s to 1155	0 V.
	The voltage regul	ation of the trans	sformer	for this l	oad is:		
	(A) 55%		(B)	5%			
	(C) 2.5%	11 5 6 7 .	(D)	11.55%			
47.	The speed of a 50	Hz, three-phase	inductio	n motor u	nder full-	load cond	lition
	is 720 rpm. The	number of poles	of the r	notor is :			
	(A) 4		(B)	6			
	(C) 8		(D)	12			
48.	In a 50Hz, three	-phase induction r	notor, t	he freque	ncy of the	rotor, cu	rrents
	is about:						
	(A) 50 Hz		(B)	10 Hz	3		
	(C) 2 Hz		(D)	Zero	, i	1	
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- 49. In a three-phase induction motor :
  - (A) The developed torque is approximately directly proportional to slip in normal running range and inversely proportional to it in the low speed range
  - (B) The developed torque is approximately directly proportional to slip in normal running range as well as in the low speed range
  - (C) The developed torque is approximately inversely proportional to slip in normal running range as well as in the low speed range
  - (D) The developed torque is approximately inversely proportional to slip in normal running range and directly proportional to it in the low speed range
- 50. The torque developed by a three-phase, 400 V induction motor is 200 N-m.
  If the supply voltage is 200 V, the developed torque then is :
  - (A) 200 N-m

(B) 100 N-m

(C) 50 N-m

- (D) 400 N-m
- 51. If the rotor circuit resistance of a three-phase induction motor is increased:
  - (A) both the starting torque and the maximum torque developed increase
  - (B) both the starting torque and the maximum torque developed remain unchanged
  - (C) the starting torque increases but the maximum torque developed decreases
  - (D) the starting torque increases and the maximum torque developed remains unchanged

- 52. If f is the frequency in Hz, n<sub>s</sub> the synchronous speed in rps, and p is the number of pairs of poles, the relation between f, n<sub>s</sub> and p for a three-phase machine is:
  - (A)  $f = n_s p$

(B)  $f = n_s \ p/120$ 

(C)  $f = n_s/p$ 

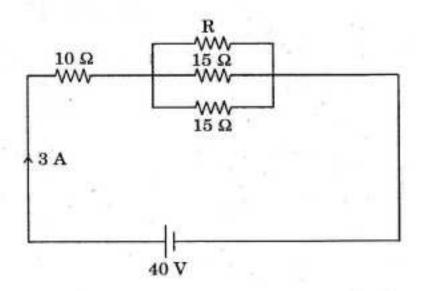
- (D)  $n_s = 2f/p$
- 53. Comparing same size single-phase induction motors, which one of the following has the highest starting torque?
  - (A) Resistance split-phase motor
  - (B) Capacitor-start motor
  - (C) Capacitor-start capacitor-run motor
  - (D) Shaded-pole motor
- 54. The direction of rotation of an ordinary single-phase shaded-pole induction motor:
  - (A) can be reversed by reversing the supply terminals connections to the stator winding
  - (B) cannot be reversed
  - (C) can be reversed by removing one shading ring
  - (D) can be reversed by open circuiting the shading rings

- 55. In synchronous generators, generally :
  - (A) salient-pole type of rotors are driven by steam turbines and cylindrical type rotors are driven by hydro-turbines
  - (B) salient-pole type of rotors are driven by hydro-turbines and cylindrical type rotors are driven by steam turbines
  - (C) both types of rotors are driven by steam turbines only
  - (D) both types of rotors are driven by hydro turbines only
- 56. The major component in synchronous impedance of a synchronous machine is:
  - (A) armature winding resistance
  - (B) rotor winding resistance
  - (C) armature winding leakage reactance
  - (D) armature reaction reactance
- 57. In synchronous machines, V-curves are :
  - (A) plots of armature current against field current at constant voltage
  - (B) plots of field current against armature current at constant voltage
  - (C) plots of armature current against field current at constant power
- (D) plots of field current against armature current at constant power

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- 58. In a synchronous generator connected to an infinite bus, as excitation is increased:
  - (A) The generator terminal voltage and its power output increase
  - (B) The generator terminal voltage increases and no effect on its power output
  - (C) The machine's power factor becomes less leading or more lagging
  - (D) The machine's power factor becomes more leading or less lagging
- 59. At a speed other than synchronous speed:
  - (A) the synchronous machine's voltage regulation increases
  - (B) the efficiency of the machine falls drastically
  - (C) the average value of the developed torque is zero
  - (D) the synchronous impedance falls
- 60. The damper winding in a synchronous machine is provided to :
  - (A) develop high running torque and to damp out the oscillations
  - (B) develop starting torque and to damp out the oscillations
  - (C) damp out the oscillations and to increase machine's efficiency
  - (D) reduce copper loss and iron loss

61. In figure, the value of R should be :



(A) 12 Ω

(B) 6 Ω

(C) 3 Ω

(D) 1.5 Ω

62. To find current in a resistance connected in a network, Thevenin's theorem is used  $V_{TH}$  = 20 V and  $R_{TH}$  = 5  $\Omega$ . The current through the resistance is :

(A) 4 A

(B) more than 4 A

(C) less than 4 A

(D) 0 A

63. Asymmetrical two-port networks have :

(A)  $Z_{sc1} = Z_{oc1}$ 

(B)  $Z_{sc1} = Z_{sc2}$ 

(C)  $Z_{oc1} \neq Z_{oc2} \times Z_{oc1}$ 

(D)  $Z_{se1} \neq Z_{se2}$  and  $Z_{oc1} \neq Z_{oc2}$ 

64.	An attenuator is an:		
	(A) R's network	(B) RL network	
	(C) RC network	(D) LC network	
65.	The maximum output voltage of	a certain low-pass filter is 15 V. T	he output
	voltage at the critical frequency	is:	
	(A) 20 V	(B) 15 V	
	(C) 10.6 V	(D) 21.2 V	
66.	Two two-port network are conne	ected in parallel. The combination	n is to be
	represented as a single two-port n	network. The parameters of this net	work that
	are obtained by addition of the	individual parameters are :	
	(A) z-parameter	(B) h-parameter	
	(C) y-parameter	(D) ABCD parameter	
67.	Calculate the standing wave ra	atio with $\rho = 0.126$ :	
	(A) 2.29	(B) 1.29	
	(C) 1.26	(D) 12.6	
68.	Which of the following can act	as a high pass filter?	
-	(A) An integrator circuit	(B) A differentiator circuit	į.
	(C) An adder circuit	(D) Multiplier circuit	
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<ul> <li>(A) The reflection is equal to incident wave</li> <li>(B) The reflection is half of incident wave</li> <li>(C) There is no reflection of the incident wave</li> <li>(D) The reflection is double of incident wave</li> <li>70. A transmission line with a characteristic impedance of 75 Ω, is to in a purely resistive load. While making measurements, it was obset the load reflected a power of 100 W and the reflected voltage was Calculate the reflection coefficient:</li> <li>(A) 0.143</li> <li>(B) 0.24</li> <li>(C) 0.17</li> <li>(D) 0.35</li> </ul>	
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Calculate the reflection coefficient:  (A) 0.143 (B) 0.24	
(A) 0.143 (B) 0.24	as 100 V.
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(C) 0.17 (D) 0.35	
TOTAL STATES	
71. If the gate current of an SCR is increased, the forward breakdow	n voltage
will:	J
(A) increase (B) decrease	*
(C) not be affected (D) infinite	
72. For continuous conduction, in a single-phase semi-converter, each SCI	? conducts
for :	
(A) α (B) π	
(C) $\alpha + \pi$ (D) $\pi - \alpha$	
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73.	For an ide	al differential ampli	her, the Com	mon Mode Rejection	Ratio (CMM
	should be	.:			
	(A) as h	nigh as possible	(B)	as low as possible	
	(C) cons	tant	(D)	none of these	
74.	Paschen's	law is associated v	with:		
	(A) brea	kdown voltage	(B)	ionization	
	(C) ther	mal radiations	(D)	none of these	
75.	Active Po	wer is a function of	, and r	eactive power is a fu	nction of
	(A) volta	age magnitude, volt	age phase a	ngle ,	
	(B) volta	age phase angle, vo	ltage magni	tude .	
	(C) volta	age magnitude, volt	age magnitu	de .	40
	(D) volta	age phase angle, vo	ltage phase	angle	
76.		is an example o	f series-serie	s FACTS device.	
2	(A) UPI	FC .	(B)	SSSC	
	(C) IPF	С	(D)	STATCOM	
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77.	In a	power station, the cost of g	eneration	of power reduc	es most effectively
	whe	n :			*
	(A)	Diversity factor alone incre	ases		
	(B)	Both diversity factor and le	oad factor	r increase	
	(C)	Load factor alone increases			
	(D)	Both diversity factor and le	oad factor	r decrease	
78.	SSS	C in transmission system is a	nalogous	to in d	istribution system.
	(A)	UPQC	(B)	svc	
	(C)	DSTATCOM	(D)	DVR	
79.	In a	full wave rectifier without	filter, the	e ripple factor i	s:
	(A)	1.21	(B)	0.482	
	(C)	1.89	(D)	0.682	
80.	Whi	ch among the following can	be used t	to detect the mi	ssing heart-beat ?
	(A)	Monostable multivibrator	(B)	Bistable multi-	vibrator
	(C)	Schmitt trigger	(D)	Astable multiv	ibrator
81,	Whi	ch of the following lakes is	not in K	ullu District of	H.P. ?
	(A)	Bhrigu	(B)	Dhashahr	
	(C)	Sareulsar	(D)	Karali	
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82.	At v	which place does river Bear	s leave	ĸa	ngra district of H.P. ?		
	(A)	Mirthal	(I	3)	Sandhol		
		5 5 7					
	(C)	Hari ka Patan	(I	0)	Bajaura		
83.	In v	which District of H.P. is Na	arsing T	ibb	oa ?		
	(0)(0)(0)		1991				
	(A)	Shimla	(1	3)	Bilaspur		
	(C)	Chamba	(1	<b>)</b> )	Kullu		
84.	Bety	ween which two places is V	Varu pa	ss	2		
6	(A)	Lahaul and Spiti	a	3)	Dharamsala and Chan	nba	
	(C)	Rohru and Dodra Kawar	α	0)	Shimla and Sirmaur		
85.	Whi	ch of the following Naga	shrine is	s k	nown for curing people	of s	nake
	bite	?					
	(A)	Saloh (Palampur)	(1	B)	Nagchala (Mandi)		)(t
	(C)	Kamru nag (Mandi)	a	0)	All of these		
86.	Whi	ich community among the Hi	ndus wo	rh	sip Bhairon, Sidh Masani	and I	Mata
	Mas	sani ?					
	(A)	Acharaj	. (1	B)	Khatik	*	×.
	(C)	Chhimbe	a	D)	Jheewar		
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87.	Which one of the following hydro power projects is in central/joint/HP share sector in H.P. ?				
	(A) Baira Siul	(B)	Chamera		
	(C) Uhal (Shanan)	(D)	All of these		
88.	What is the extent of subsidy	to the smal	l and marginal far	mers under the	
	Crop Insurance Scheme in the	e amount o	f premium ?		
	(A) 10 percent	(B)	30 percent		
	(C) 50 percent	(D)	60 percent		
89.	How many Development Block	cs are there	e in H.P. ?	1	
	(A) 66	(B)	78		
	(C) 82	(D)	94		
90.	What was the extent of growt	h in transp	ort, storage, comn	nunications and	
	trade sub sectors of tertiary	sector in	H.P. during the	2014-15 fiscal	
	year ?				
	(A) 13.2 percent	(B)	14,6 percent		
	(C) 13.9 percent	(D)	11.4 percent	30	
91.	What was the performance of	Rohan Bop	anna and Sania I	Mirza in Tennis	
72	mixed doubles at the 2016 Ri	o Olympics	?		
	(A) Lost in the first round				
	(B) Lost in the second round				
	(C) Lost in the Bronze meda	l play off			
7.	(D) None of the above		81 51		
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92.	Which Indian state has created a Ministry of Happiness?				
	(A) Sikkim	(B) Goa			
	(C) Uttarakhand	(D) Madhya Pradesh			
93.	Which day is observed as N	lational Girl Child Day in India?			
	(A) January 12	(B) January 24			
	(C) March 8	(D) April 22			
94.	What is T.M. Krishna, the	winner of Magsaysay Award, fighting for ?			
-	(A) Child rights				
	(B) Social inclusiveness in	culture			
	(C) Reservation of Ezwaha	s in Govt. Jobs			
	(D) Save the girl child car	npaign			
95.	In which state of India are	Chitrakote water falls ?			
	(A) H.P.	(B) Chhattisgarh			
	(C) J & K	(D) Asom			
96.	What is the name of moveme	ent whose motto is to save the world by involving			
	itself with environmental p	roblems ?			
	(A) Clean world	(B) Happy world			
	(C) Eco-friend	(D) Green peace			
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97.	Who was crowned Miss V	World 2015 in D	ecember, 2015 ?	
74	(A) Sofia Nikitchuk	(B)	Maria Harfanti	
	(C) Sanneta Myrie	(D)	Mireia Lalaguna	a Royo
98.	When did shooting take p	lace inside the	Charlie Hebdo ne	wspaper office in
	France ?			85
	(A) January 2015	(B)	July 2015	
	(C) October 2015	(D)	December 2015	
99.	Which of the following	countries is n	ot a member of	f TAPI pipeline
	project ?			
	(A) Turkmenistan	(B)	Pakistan	
	(C) India	(D)	Tajikistan-	
100.	Which of the following ha	s provided a 1.5	billion loan to I	ndia to end open
	defecation by 2019 A.D.	•		
	(A) WTO	(B)	Asian Developm	nent Bank
	(C) World Bank	(D)	Brics Bank	*
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