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TR/SET/ELECTRICAL/PRE/DEGREE/2023

Test Booklet Series

TEST BOOKLET

GENERAL STUDIES & ENGINEERING APTITUDE

(Signature of the Candidate)

(Invigilator's Signature)

Time Allowed : Two (2) hours

INSTRUCTIONS

- 1. PLEASE CHECK THE 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 BY BLACK BALL POINT PEN ONLY.
- 3. This Test Booklet contains 100 items (questions). Each question has four responses (answers). You will select the responses which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose ONLY ONE response for each item.
- 4. You have to mark all your responses ONLY on the separate Answer Sheet provided. See directions in the Answer Sheet.
- 5. All items carry equal marks.
- 6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
- 7. After you have completed filling in responses on the Answer Sheet and the Examination is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take away the Test Booklet.
- 8. Sheets for rough work are appended on the Test Booklet at the end.
- 9. Penalty for wrong answers:
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
 - (b) 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 and there will be same penalty as above to that question.
 - (c) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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Maximum Marks : 100







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Four options are given against each of the following questions. Select the correct option from the four options and encode it in the Answer Sheet by using <u>Black Ball Point Pen</u> only as per example given below :

tratan son into	(B) with (C) b	y mont (D) on the most second
Example Q : Let's	watch — movie; I mea	m 'Pather Panchali'.
(A) a	(B) an 🕜 the (D) no article is needed
	s sini Centration in Chilline Anistwey	Sheet 1992 March (A) 2
ind vitana i dicati i si visu daga k	pioniziti (1)	15202. (U)
		dameerne confessions.
	PART -	A the optimized and a
	boxida (B)	(A) Denied
semanni alta - Caranas	Direction for Question	Nos. 1 to 4
Choose the	most appropriate preposition	a/article to fill in the blanks.
Magguitage has		
and the second state of th	ed stagnant water.	
(A) in in the	ed stagnant water. (B)	on second learn out second t
and the second	ed stagnant water. (B)	
(A) in (C) into	ed stagnant water. (B) (D)	on under
 (A) in (C) into He has a shop 	ed stagnant water. (B) (D) in the market where he dea	on second learn out second t
 (A) in (C) into He has a shop 	ed stagnant water. (B) (D) in the market where he dea (B)	on under Is wheat.
 (A) in (C) into He has a shop (A) with 	ed stagnant water. (B) (D) in the market where he dea (B) (D)	on under Is wheat.
 (A) in (C) into He has a shop (A) with (C) at 	ed stagnant water. (B) (D) in the market where he dea (B) (D)	on under
 (A) in (C) into He has a shop (A) with (C) at 	ed stagnant water. (B) (D) in the market where he dea (B) (D)	bon under ls wheat. in of you ?
 (A) in (C) into He has a shop (A) with (C) at What did you 	ed stagnant water. (B) (D) in the market where he dea (B) (D) do with camera, I lent	on under





Bring me _____ umbrella that is lying on the bed.

(A) an (B) the

(C) a (D) No article is needed

Direction for Question Nos. 5 and 6

Choose from the given options / words most opposite in meaning to the underlined words in the following sentences:

- He spares no pain to come out of this problem. 5.
 - (A) Doubt (B) Pleasure (C) Anger (D) Hesitation
- 6. He confessed that he had stolen the money.
 - (A) Denied
 - (C) Opposed

- (B) Refused
- (D) Reacted

Direction for Question Nos. 7 and 8

Choose the most appropriate Synonym for the underlined words in the sentences :

- Oil is one of the principal sources of energy. 7.
 - (A) most expensive (B) most important
 - (C) most difficult (D) most popular

The road will be closed until the blizzard ends. 8.

- (A) snowstorm (B) hurricane
- (C) tornado (D) thunderstorm

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Direction for Question Nos. 9 and 10

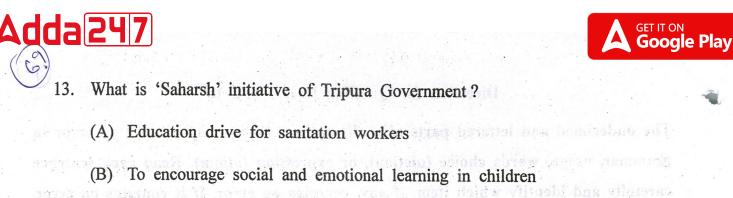
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The underlined and lettered parts of each sentence below may contain an error in grammar, usage, words choice (diction), or expression (idiom). Read each sentence carefully and identify which item, if any, contains an error. If it contains no error, answer is D.

9.	<u>I hope</u> you'll come <u>in</u> Spain	soon	No error
outei.	A	non is a S telador for a	nineer d. D
•	(A) I hope	(B) in	"Gay List"
	(C) soon	(D) No error	
	<u>I shall</u> buy <u>one of</u> the radios	<u>that is</u> on sale.	
, 100 l <u>0</u> .	A de la secto de Bastella de la secto de	permentance and not	D
	(A) I shall	(B) one of	(A) 0460
	(C) that is	(D) No error	(C) NIPC
uitio: 11.	'Sethusamudram Project' will connect	the Palk strait with	to Which State- to SLBC?
	(A) Gulf of Khambat	(B) Gulf of Kutch	(A) Kerala
	(C) Gulf of Mannar	(D) None of these	(C) Uther I)
12.	What is 'Angel Tax'?	derger Agreement	The Teauer
	(A) Tax on sales	(B) Tax on individu	ual income
	(C) Tax on Capital Gains	(D) Tax on start up	82.642.60) 95.
2/TR	/SET/ELECTRICAL/PRE/DEGREE/2023/A-250)	[Turn over



- (C) Financial help for poor
- (D) Drive against child marriages
- 14. Which institution is a watchdog for money laundering and terror financing and issues 'Grey List':
 - (A) WHO (B) IMF
 - (C) FATF (D) WTO

15. Which institution has commissioned India's first green hydrogen blending project?

- (A) ONGC (B) GAIL
- (C) NTPC

16. Which State of India has become country's Fully Digital Banking State according to SLBC ?

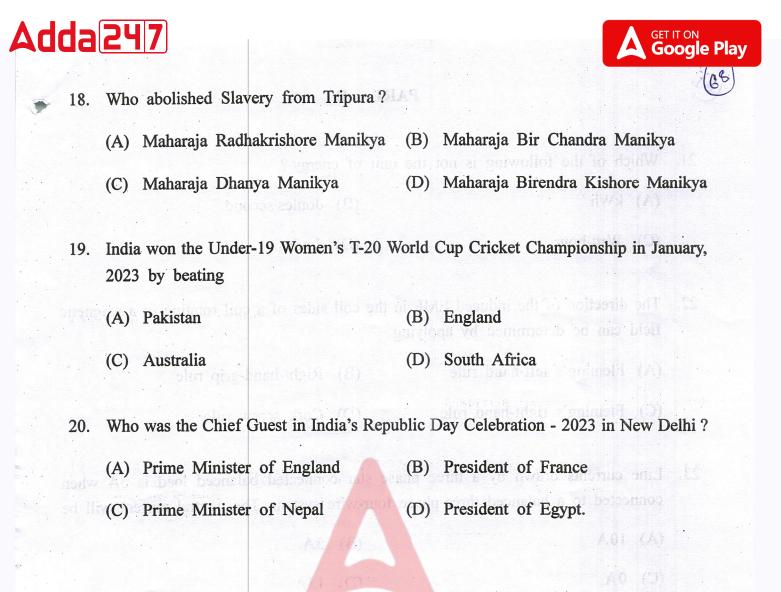
(D) IOL

- (A) Kerala (B) Assam
- (C) Uttar Pradesh (D) Punjab

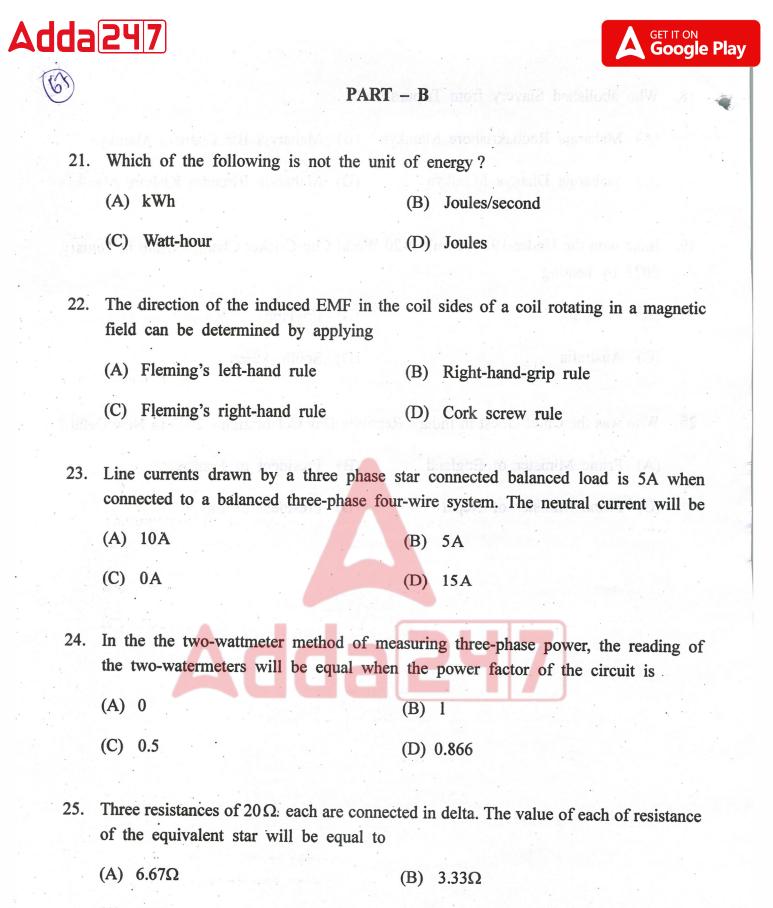
17. The Tripura Merger Agreement was signed in New Delhi on

- (A) 15th October, 1949 (B) 15th August, 1947
- (C) 9th September, 1949 (D) 26th November, 1949

2/TR/SET/ELECTRICAL/PRE/DEGREE/2023/A-250 (6)



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(C) 20Ω

(D) 10Ω.

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(8)

Adda[24]7] GET IT ON Google Play Two equal resistances when connected in parallel across a 10V battery draw a total 26. current of 10A. When one of the resistances is disconnected, the current drawn becomes 5A. The resistances are of values (A) 10Ω and 10Ω (B) 1Ω and 1Ω (C) 2Ω and 2Ω (D) 5 Ω and 5 Ω The extension of range of an ammeter and a voltmeter can be made respectively by 27. (A) using multiplier and shunt (B) using shunt and multiplier (C) using series capacitor and a series inductor (D) reducing the spring tension of the deflecting system 28. Linear variable differential transformer is a (A) temperature-sensitive transducer (B) pressure transducer (C) displacement transducer (D) vibration measuring transducer 29. A magnetic circuit is said to be saturated when an increase in the field intensity results in (A) decrease in flux density (B) proportional increase in flux density (C) very marginal increase in flux density (D) sudden increase in flux density 30. Material used for making a permanent magnet should have (B) small hysteresis loop area (A) large hysteresis loop area (C) low coercieve force (D) low saturation flux density 2/TR/SET/ELECTRICAL/PRE/DEGREE/2023/A-250 (9) [Turn over

31.	The	coefficient of coupling of two co	ils of 1	6 mH and 25 mH is 0.5. The mutual
	indu	ictance between them is		ourrent of 10 A. When one of * hocomes 5 A. The resistances a
	(A)			5 mH
	(C)	25 mH	(D)	승규가 지난 것이 같은 것이 같아요. 같이 가지 않는 것이 같아요. 이 가 있는 것이 같아요. 이 있는 것이 같아요. 이 것이 같아요. 이 것이 같아요. 이 있는 것이 같아요. 이 있는 것이 같아요. 이 있는 것이 같아요. 이 있는 것이 같아요. 이 있는 것이 같아요. 이 있 않는 것이 같아요. 이 있는 것이 같아요. 이 있 않는 것이 않는 것이 같아요. 이 있 않는 것이 않 않는 것이 않는 않는 것이 않는 것이 않. 이 않이 않는 않이 않이 않. 이 않는 않는 않이 않이 않. 이 않 않는 않. 이 않 않. 이 않. 않 않. 이 않.
32.	Self	-inductance of an air-core coil ca	n be in	creased by introducing
	(A)	a copper rod inside the core	(B)	a wooden rod inside the core
	(C)	an iron rod inside the core	(D)	None of these
33.		value of emf induced in circuit having through it varies at a rate of		n inductance of 700 μ H if the current A/s
	(A)	3.5V	(B)	35V
	(C)	25 mH	(D)	16 mH
34.		ansformer has 300 primary turns and		econdary turns. The primary winding is nduced EMF in the secondary will be
	(A)	690 V, 50 Hz	(B)	690 V, 100 Hz
	(C)	690 V, 150 Hz	(D)	115V, 50 Hz.
35.		led 2		transformer are perfectly magnetically
	(A)	The leakage reactance will be high	and vol	tage regulation will be high (i.e., poor)
	(B)	The leakage reactance will be low	and vol	tage regulation will be low (i.e., good)
	(C)	The leakage reactance will be low	and vol	tage regulation will be high (i.e., poor)
	(D)	The leakage reactance will be high	and vol	Itage regulation will be low (i.e., good)
2/TR/	/SET/I	ELECTRICAL/PRE/DEGREE/2023/A-250		(10)

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36. Which of the following losses in a transformer vary with load?

- (A) Hysteresis loss (B) Eddy current loss
- (C) Copper losses in the windings (D) Iron loss

37. In a capacitor start induction motor, the capacitor is connected

(A) in series with the main winding (B) in series with the auxiliary winding

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(C) across the supply terminals (D) in parallel with the auxiliary winding

leen isermely warde tarm way of the TB.

38. Which type of wiring is suitable for multi-story buildings?

- (A) tree system
- (B) ring main system
- (C) distribution board system
- (D) Ring main and distribution main system

39. A single phase transformer rated for 400/100 V, 1 kVA 50 Hz has load resistance of 100 ohm. The load resistance as viewed from primary side i.e. 400 V side is

- (A) 100 ohm (B) 25 ohm
- (C) 400 ohm (D) 1600 ohm

40. A D.C. shunt motor is driving a mechanical load at rated voltage and rated excitation. If the load torque is doubled, the speed of the motor

- (A) increases slightly (B) decreases slightly
- (C) becomes half (D) becomes double

2/TR/SET/ELECTRICAL/PRE/DEGREE/2023/A-250 (11) [Turn over

Adda247 (F) 41. The reactance offered by a capacitor to alternating current of frequency 50 Hz is

 20Ω . If frequency is increased to 100 Hz, reactance becomes

(A) 2.5Ω (B) 5Ω (C) 10Ω (D) 15Ω

The phase difference between voltage and current wave through a circuit element 42. is given as 30°. The essential condition is that

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- (A) both waves must have same frequency
- (B) both waves must have identical peak values
- (C) both waves must have zero value at the same time
- (D) None of these

43. In a series resonant circuit, the impedance of the circuit is

- (A) minimum
- (C) zero

The time constant of the capacitance circuit is defined as the time during which voltage 44.

- (A) falls to 36.8% of its final steady value
- (B) rises to 38.6% of its final steady value
- (C) rises to 63.2% of its final steady value
- (D) None of these

45. In the R-L-C Containing R = 4.5W, L = 0.06 H, C = 0.6mF the power factor will be

(A) zero

(B) lagging

(B) maximum

(D) None of these

(C) leading (D) unity

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- In D.C. machines fractional pitch winding is used 46.
 - (A) to improve cooling (B) to reduce copper losses
 - (C) to increase the generated e.m.f. (D) to reduce the sparking

What will happen in case 220V D.C. series motor is connected to 220V A.C. supply? 47.

(c) high-melting point and lov-specific

- (A) The armature winding of motor will burn
- (B) The motor will vibrate violently
- (C) The motor will run with less efficiency and more sparking
- (D) The motor will not run

An SCR is considered to be a semi-controlled device because 48.

- (A) it can be turned OFF but not ON with a gate pulse.
- (B) it conducts only during one half cycle of an alternating current wave.
- (C) it can be turned ON but not OFF with a gate pulse.
- (D) it can be turned ON only during one half cycle of an AC
- A step up chopper has input voltage 110V and output voltage 150V. The value of 49. duty cycle is
 - (A) 0.32 **(B)** 0.67
 - (D) 0.27 (C) 0.45
- Which following is a two-terminal three-layer device? 50.
 - (B) Power diode (A) BJT
 - (D) None of these (C) MOSFET

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- 51. The material used for fuse must have
 - (A) low-melting point and low-specific resistance.
 - (B) low-melting point and high-specific resistance
 - (C) high-melting point and low-specific resistance
 - (D) low-melting point with any specific resistance
- 52. If torque to weight ratio of an instrument is low, it can be concluded that
 - violate violently second s
 - (A) the meter will have uniform scale
 - (B) the meter will have non-uniform scale
 - (C) the sensitivity of the meter will be high
 - (D) the sensitivity of the meter will be low
- 53. Transmission efficiency of a transmission line increases with the
 - (A) decrease in power factor and voltage
 - (B) increase in power factor and voltage
 - (C) increase in power factor but decreases in voltage
 - (D) increase in voltage but decreases in power factor
- 54. A transformer has at full load iron loss of 900W and copper loss of 1600W. At what per cent of the load the transformer will have maximum efficiency?
 - (A) 100% (B) 90%
 - (C) 75% (D) 50%
- 55. A transformer has full load copper loss of 800W and core loss of 600W. Total loss at no load will be approximately
 - (A) 1400 W (B) 1000 W
 - (C) 1100W (D) 600W

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GET IT ON **Google Play** 56. Dielectric materials are essentially (A) insulating material (B) conducting material (D) ferroelectric material (C) semiconductor material 57. For maximum power transfer, the internal resistance of the source should be (A) equal to the load resistance (B) less than the load resistance (D) None of these (C) more than the load resistance 58. The Superposition theorem is applicable to (A) linear, non-linear and time-variant responses (B) linear and non-linear responses (C) only linear responses (D) None of these In a pure inductive circuit, if the supply frequency is reduced to 1/5 of the previous 59. value, the current will be (A) 5 times of its previous value (B) 1/5 of its previous value (D) None of these (C) the same In a series RLC circuit, the value of resistance, inductive reactance, and capacitive **60**. reactance are respectively 4Ω 5 Ω and 2Ω . The impedance of the circuit will be (B) 7Ω (A) 11Ω (D) Zero (C) 5Ω 61. A filament bulb of 40W, 110 V is connected in series with resistance R. If the supply voltage is 230V, the value of resistance R would be **130Ω** (A) 1340Ω **(B)** (D) 330Ω (C) 240Ω 2/TR/SET/ELECTRICAL/PRE/DEGREE/2023/A-250 (15) [Turn over

62.	A 5	amp current flows in a circuit for	5 min	ites. The amount of charge transferred
	to t	the circuit will be	5 11111	tes. The amount of charge transferred
	(A)	25C Jatrutan trabalootta) (C)	(B)	1C
	(C)	150C	(D)	
		node control off to ormention large		. 17 fee washinna power marafer.
53.	For	reactive load, the power factor is	equal	to Anderson bool addres (augus (A.)
	(A)	(D) None of these	(B)	(C) more than the load testing
	(C)	2	(D)	3
5.4	Mon			
)4.		ne of the Acid used in lead acid		
	(A)	1		Nitric Acid
	(C)	Hydrochloric Acid	(D)	Phosphoric Acid
5	A	·		
5 5.	H. 1	inductive circuit has a resistance of Find power factor when connected 0.39 lag	across	art flow merriso and sultry
55.	H. 1 (A)	Find power factor when connected 0.39 lag	across (B)	200 V, 50 Hz supply mains 0.39 lead
55. 2014	H. 1 (A)	Find power factor when connected	across (B)	200 V, 50 Hz supply mains
55. 66.	H. 1 (A) (C) Find	Find power factor when connected 0.39 lag 0.76 lag	across (B) (D) m, if t	 200 V, 50 Hz supply mains 0.39 lead 0.76 lead he resistance of 1.5 km wire is 7.2Ω
10) 4	H. 1 (A) (C) Find (Spe	Find power factor when connected 0.39 lag 0.76 lag I the diameter of copper wire in mi	across (B) (D) m, if the second secon	 200 V, 50 Hz supply mains 0.39 lead 0.76 lead he resistance of 1.5 km wire is 7.2Ω
0).	H. 1 (A) (C) Find (Spee (A)	Find power factor when connected 0.39 lag 0.76 lag I the diameter of copper wire in mi ecific Resistance of copper is 1.7 ×	across (B) (D) m, if th 10 ⁻⁶ ((B)	200 V, 50 Hz supply mains 0.39 lead 0.76 lead he resistance of 1.5 km wire is 7.2Ω Dhm/cm ³)
0)	H. I (A) (C) Find (Spee (A) (C) White	Find power factor when connected 0.39 lag 0.76 lag I the diameter of copper wire in mi ecific Resistance of copper is 1.7 × 0.11 cm 0.21 cm ch of the following theorem is use	across (B) (D) (D) (D) (B) (D) (D)	 200 V, 50 Hz supply mains 0.39 lead 0.76 lead he resistance of 1.5 km wire is 7.2Ω 0.m/cm³) 0.31 cm
6.	H. I (A) (C) Find (Spe (A) (C) White volta	Find power factor when connected 0.39 lag 0.76 lag I the diameter of copper wire in mi ecific Resistance of copper is 1.7 × 0.11 cm 0.21 cm ch of the following theorem is use	across (B) (D) $m, if th10^{-6} (C)(B)(D)ad to set$	 200 V, 50 Hz supply mains 0.39 lead 0.76 lead he resistance of 1.5 km wire is 7.2Ω hm/cm³) 0.31 cm 0.41 cm

19				
68.	Which of the Mowing devices is not	a thyr	istor ?	
	(A) DIAC	(B)	nicisurchieht of surrent is TUU	
	(C) SCS remotene Listanto (C)	(D)	None of these	
69.	A shunt reactor at 100 MV Ar is opera of its rated frequency. The reactive po	ated at		6%
	(A) 98 MV Ar	(B)	104.02 MV Ar	
	(C) 96.04 MV Ar	(D)	100.04 MV Ar	
70.	The material used for making arcing	contact	None of these AVA 02 (0) s in a circuit breaker is	
	(A) copper tungsten alloy	(B)	porcelain	10
	(C) electrolytic copper	(D)	None of these	
71.	Fault diverters are basically		(C) magnetic succeptibility	
	(A) fuses	(B)	relays	77
	(C) fast switches	(D)	circuit breakers	
72.	Give the Specific Gravity and Voltage	of Fu	lly charged cells	
	(A) 1220 and 2.2	(B)	1200 and 2.2	
	(C) 1220 and 2.1		1200 and 2.1	
			(A) demagnetization only	
/3.	IGBT module is used as a/an		(B) cross-magnetization as we	
	(A) Low frequency switching device	(B)	Illuminating device	
	(C) Amplifier	(D)	High frequency switching device	

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74.	. Instrument connected in the circuit with the amm measurement of current is	eter (in panel) to facilitate the 🛶
	(A) Current transformer (B) Pote	ntial transformer
	(C) Excitation transformer (D) Non	e of these
75.	. The kVAr rating required for improving the power kW and 0.85 power factor to 0.95 is	factor of a load operating at 500
	(A) 500 kVAr (B) 145	kVAr
	(C) 50 kVAr (D) 100	kVAr
76.	. Maxwell is the unit of which one of the following	ng ? – notegoto – tegoto – teg
	(A) magnetic flux (B) perm	neability
	(C) magnetic susceptibility (D) inter	nsity magnetisation
77.	. The MOSFET stands for	ν της τ (Λ) firect
	(A) Metal oxidized selenium FET (B) Meta	al oxide surface FET
	(C) Metal oxide semiconductor FET (D) Meta	al of surface FET
78.	. If brushes of a D.C. generator are moved in order to neutral axis, there will be	bring these brushes in magnetic
	(A) demagnetization only	
	(B) cross-magnetization as well as magnetization	
	(C) cross-magnetisation as well as demagnetising	(3) Fow finding we have
	(D) cross-magnetization only	
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7 9.		D.C. machine is
	(A) cross magnetising	(B) demagnetizing
	(C) magnetizing	(D) None of these (D)
80.	Equalizer rings are required in case	armature is an advanted realized for the cos
	(A) wave wound	(B) lap wound
	(C) delta wound	(D) duplex wound
81.		37. Candela is the anti-of-
	(A) diode rating	(B) voltage regulation
	(C) power output	(D) None of these
82.	When the temperature of the semi-co	onductor is increased, the conductivity will
	(A) decrease	(B) increase
	(C) same every time	(D) All of these
83.	Which of the following logic gates a	are known as universal gates?
	(A) NOR. NAND, XNOR	(B) XOR, NOR, NAND
		(D) NOR, NAND
84.	An avalanche breakdown in a Zener	
	(A) voltage multiplication	(B) electric current multiplication
	(C) electrons are decelerated	(D) rise in voltage
2/T]		50 (19) [Turn over

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85.	In the block diagram given below," G2 overall transfer function here would be	2=10/s+1, G1=10/s, H2=1, and H1 = s+3. The e given by
	(A) $100/11s^2 + 31s + 100$	(B) $10/11s^2 + 31s + 10$
	(C) $100/11s^2 + 31s$	(D) $100/11s^2 + 31s + 10$
86.	An LTI system's transfer function is giv of any unit-impulse response?	en as l/(s+l). What is the steady-state 'value'
	(A) Infinite	(B) 2
	(C) 1	(D) 0
87.	Candela is the unit of	Pli. The ripple factor of a power supply
	(A) Luminous flux	(B) Luminous intensity
	(C) Wavelength	(D) None of these
88.	 Nitrogen or argon is filled in GLS lar (A) Reduce the glare (B) Improve efficiency (C) Change the colour of light (D) Retard evaporation of tungsten filled 	
89.	What is the breaking capacity of the a	ir blast circuit breakers?
	(A) 5000 MVA	(B) 6000 MVA
	(C) 7000 MVA	(D) 10000 MVA
90.	Power is transmitted over transmission- (A) Conductor cost is reduced	lines on high voltage because (B) Current is reduced
	(C) Efficiency is increased	(D) Both (A) and (C)
2/TR/	SET/ELECTRICAL/PRE/DEGREE/2023/A-250	

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GET IT ON Google Play The power diode is a 91. (B) Two terminal device (A) One terminal device (D) Four terminal device (C) Three terminal device Snubber circuits protect the circuit by 92. (B) controlling the device dv/dt losses (A) reducing the switching power (C) avoiding breakdowns (D) All of these Thevenin's theorem is true for 93. Which type of mailator is used where it dead end of (A) Linear networks (B) Non-linear networks (C) Both Linear networks and Non-linear networks (D) Millman's theorem 94. Thevenin's resistance is found by (A) shorting all voltage sources (B) opening all current sources (C) shorting all voltage sources and opening all current sources (D) opening all voltage sources and shorting all current sources 95. A Varactor Diode acts as a (A) variable resistor (B) variable capacitor (D) None of these (C) switching device 2/TR/SET/ELECTRICAL/PRE/DEGREE/2023/A-250 (21) [Turn over

96.	Reve	erse saturation current of the PN	junction	n diode is working as
	(A)	the diffusion current	(B)	the drift current
	(C)	the displacement current	(D)	None of these
97.		power factor angle of a purely i		
		45 degree		60 degree
	(C)	75 degree	(D)	90 degree
98.		ch type of insulator is used where er or a sharp curve, for high vol		is dead end of the line or there is a ne?
	(A)	Strain insulator	(B)	Pin type insulator
	(C)	Shackle insulator	(D)	Stray insulator
99.	By o	decreasing the value of motor sta	rter res	istance, the back e.m.f of motor.
99.		decreasing the value of motor star remains same	rter res (B)	
99.		remains same	(B)	istance, the back e.m.f of motor. increases None is correct
	(A) (C)	remains same	(B) (D)	istance, the back e.m.f of motor. increases None is correct
	(A) (C) . The	remains same decreases	(B) (D) ning in urrent	istance, the back e.m.f of motor. increases None is correct an air blast circuit breaker is to
	(A) (C) . The (A)	remains same decreases reason of using resistance switch	(B) (D) ning in urrent	istance, the back e.m.f of motor. increases None is correct
	(A) (C) . The (A)	remains same decreases reason of using resistance switch reduce the magnitude of fault cr	(B) (D) ning in urrent	istance, the back e.m.f of motor. increases None is correct an air blast circuit breaker is to
	 (A) (C) The (A) (B) (C) 	remains same decreases reason of using resistance switch reduce the magnitude of fault co control the CB operating time	(B) (D) ning in urrent	istance, the back e.m.f of motor. increases None is correct an air blast circuit breaker is to
	 (A) (C) The (A) (B) (C) 	remains same decreases reason of using resistance switch reduce the magnitude of fault co control the CB operating time damp out the fast transient	(B) (D) ning in urrent	istance, the back e.m.f of motor. increases None is correct an air blast circuit breaker is to