



पाक्ट गिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड (भारत सरकार का उद्यम) POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise)

NRTS-I Regional Head Quarters, SCO Bay No.5-10, Sector-16A, Faridabad - 121 002 E-mail- nr1recruitment@powergrid.co.in

Participant ID	
Participant Name	
Test Center Name	
Test Date	27/07/2021
Test Time	12:00 PM - 1:00 PM
Subject	Field Supervisor (Electrical)

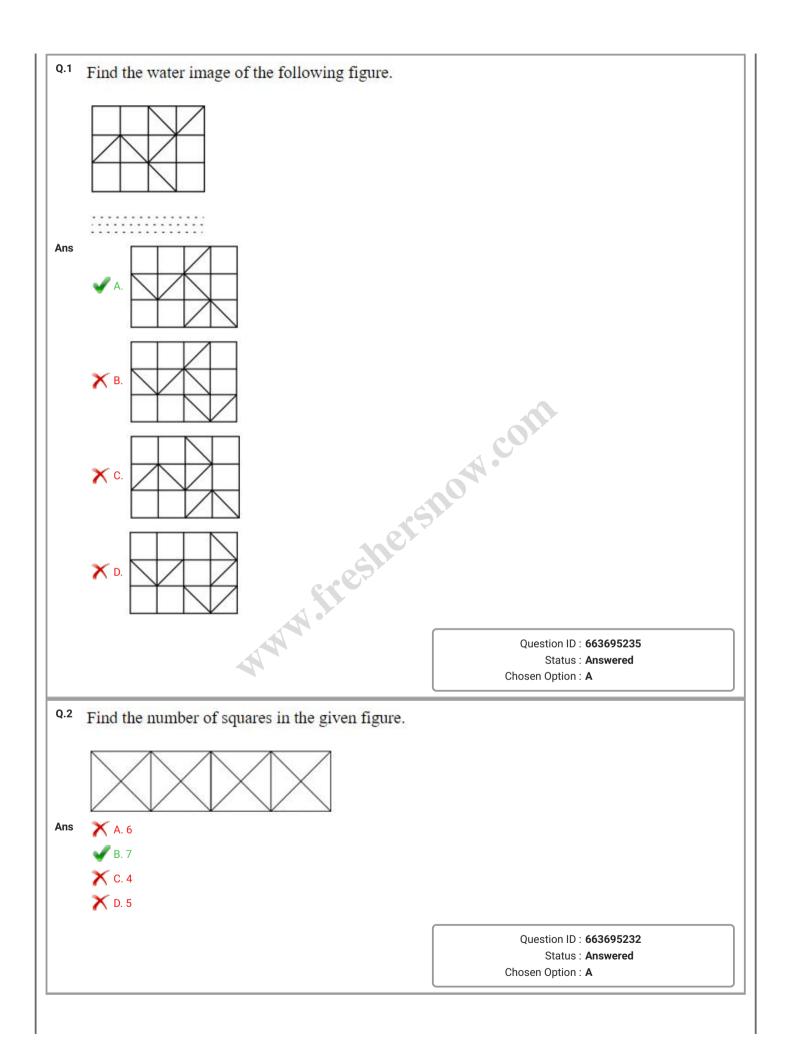
Q.1	The sentence below has been has an error. If the sentence has an error.			e sentence that	
	I've thrown many a men/ down	the catacombs, and/ n	one have ever returne	d.	
ns	🗙 A. No Error				
	🗙 B. none have ever return	ed.			
	leph C. down the catacombs,	and			
	👽 D. I've thrown many a m	en		Ouesties ID : 66260E220	
			S.	Question ID : 663695229 Status : Answered	
				Chosen Option : D	
_			<u> </u>		
	meaningful and grammatically	equence in which these	labelled P, Q, R and S. e parts can be rearrang		
	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such	equence in which these			
ins	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation.	equence in which these			
ns	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X. RQPS	equence in which these			
uns	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X A. RQPS B. RSPQ	equence in which these			
Ins	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X A. RQPS B. RSPQ X C. RPSQ	equence in which these			
ns	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X A. RQPS B. RSPQ	equence in which these			
ns	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X A. RQPS B. RSPQ X C. RPSQ	equence in which these			
ıns	meaningful and grammatically It serves as an P. a consequential and Q. weighty concept R. excellent first point S. of contact with such as reconciliation. X A. RQPS B. RSPQ X C. RPSQ	equence in which these		ed to form a	



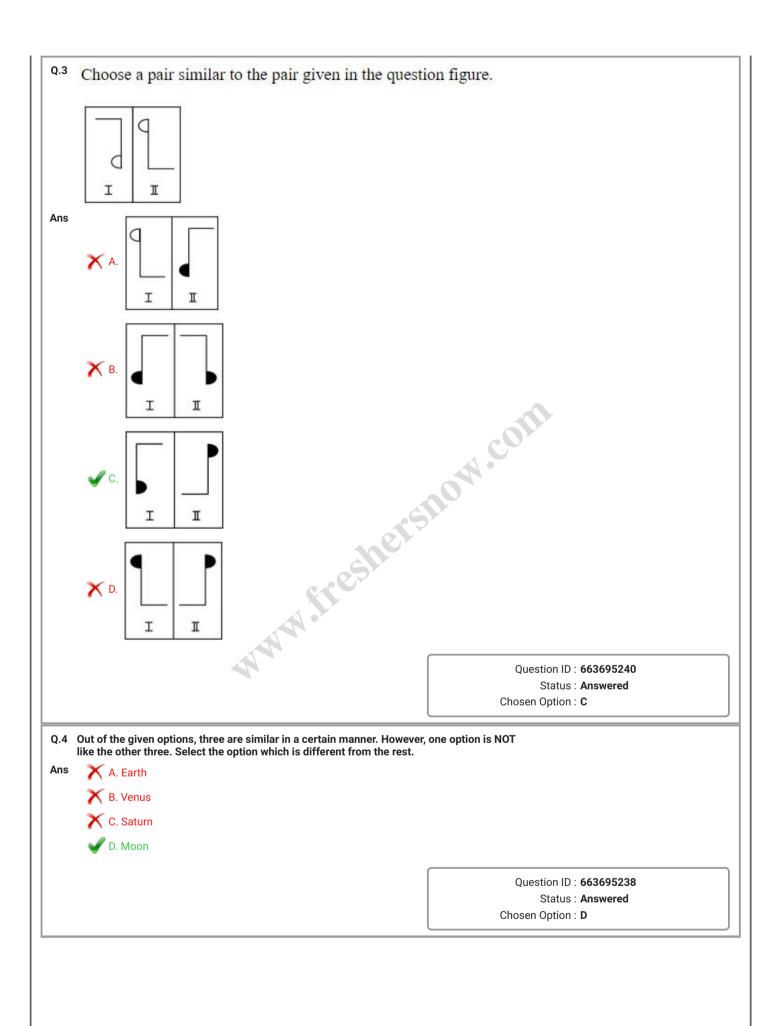
Q.3	Select the most appropriate 'one word ' for the expressions	given below.
	Ceremony in which a crown is placed on the head of a new l	king or queen
Ans	🗙 A. Upend	
	X B. Affliction	
	V C. Coronation	
	X D. Convocation	
		663695227 Status : Answered
		Chosen Option : D
Q.4	Fill in the blank with the most appropriate choice.	
	Pagans regarded staring as, as parents of wel	I-mannered children still do.
Ans	🗙 A. resplendent	
	💞 B. impudent	
	🗙 C. provident	
	X D. independent	
		Question ID : 663695228
		Status : Answered
		Chosen Option : B
Q.5	Four words are given, out of which only one word is spelt co spelt word. A. acetic B. aesetic C. asetic D. acsetic	prrectly. Choose the correctly
Ans	✓ A. acetic	
	X B. aesetic	
	C. asetic	
	X D. acsetic	
	D. dobello	
		Question ID : 663695226
		Status : Answered
		Chosen Option : A

Section : Reasoning





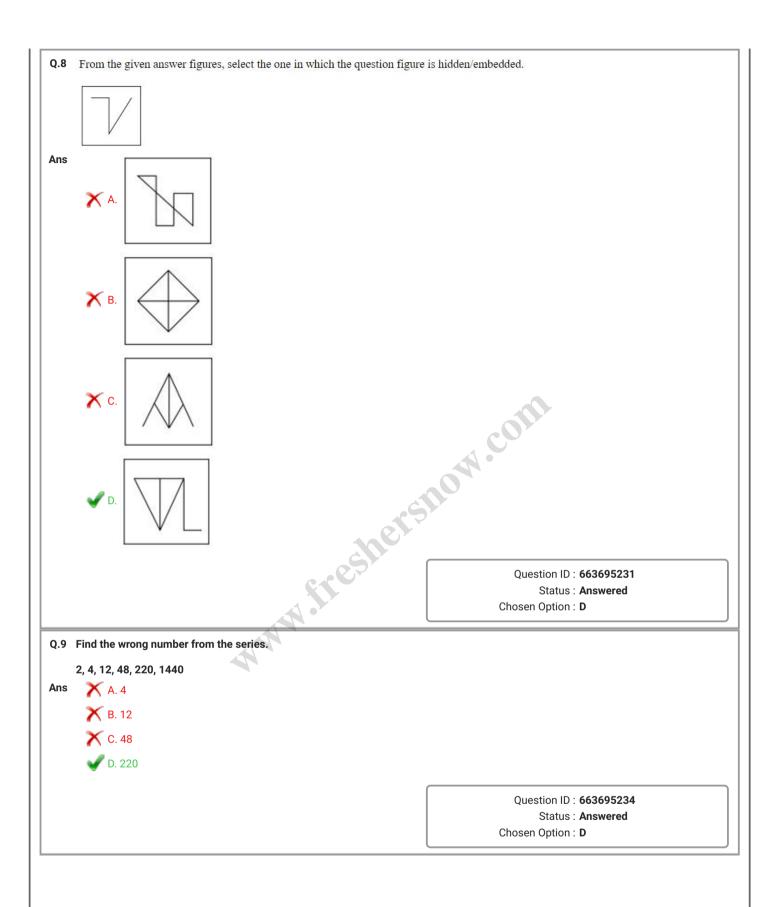




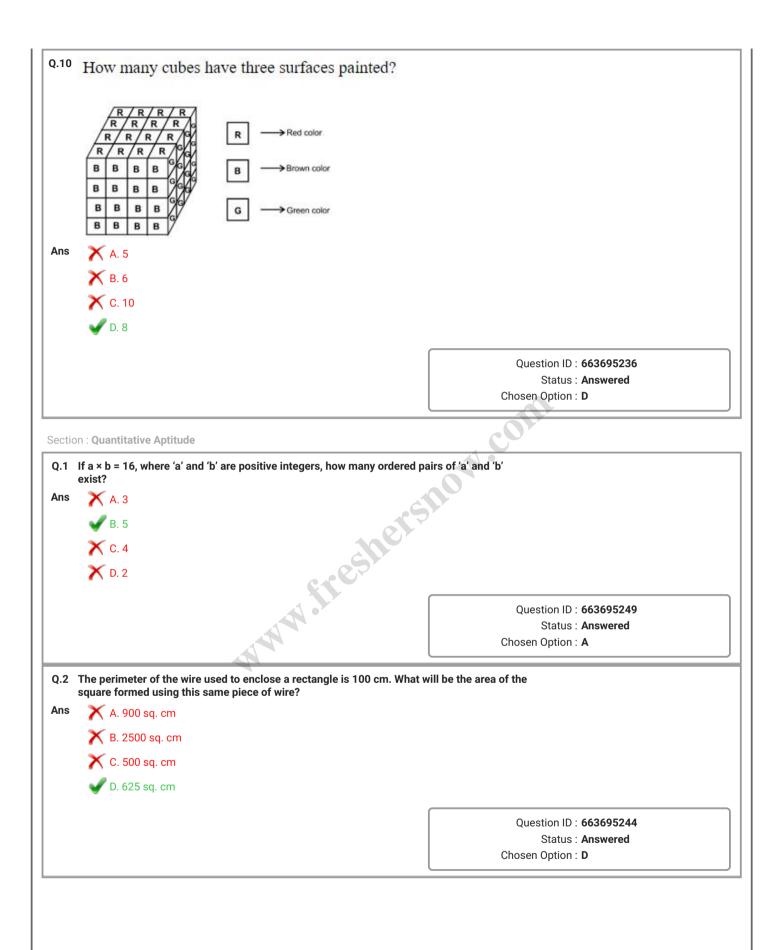


S	🗙 A. 40	
	🗙 В. О	
	C. 45	
	X D. 90	
	0.50	
		Question ID : 663695239
		Status : Answered
		Chosen Option : C
.6	Simplify using BODMAS rule,	
	(122 + 189) - 550 ÷ 5 ² +10)	
ns	🗙 A. 279	
	🗙 В. 319	
	C . 299	
	X D. 289	
		Question ID : 663695237
		Status : Answered
		Chosen Option : C
.7	Select the option that is related to the third term on related to the first term.	the same basis as the second term is
	HUMANE : CRUEL :: SIMILAR : ?	
	🗙 A. AKIN	
ns	X B. ALIKE	· Cor
ns		
ns		
ns		
ns	C. INDISTINGUISHABLE	
ns	C. INDISTINGUISHABLE	Question ID : 663695233
ns	C. INDISTINGUISHABLE	











ns	interest p.a. compounded annually?	
115	X A. 12%	
	✓ B. 13%	
	🗙 C. 11%	
	🗙 D. 15%	
		Ouestion ID : 663695248
		Status : Answered
		Chosen Option : A
2.4	The cost price of a cloth to a merchant is Rs. 1,000. He marks successive discounts of 10% each. What is the effective sales	s it up by 100% but gives two s price for this merchant?
ns	🗙 A. Rs. 1,600	
	V B. Rs. 1,620	
	X C. Rs. 1,800	
	X D. Rs. 1,820	
	D. KS. 1,020	
		Question ID : 663695245
		Status : Answered
		Chosen Option : B
Q.5	Which among the following is the greatest?	
Ans	X A4848	SIL
	🗙 В. 1/2	
	✓ C. 0.75^2	
	X D35	
	0	
		Question ID : 663695247
		Status : Answered
		Chosen Option : C
	If $x - 2$ is a factor of $x^2 - ax + 4 = 0$, what is the value of 'a' (t power')?	he sign '^' means 'to the
Ans	🗙 A. 8	
	🗙 В4	
	C . 4	
	X D8	
	N D0	
		Question ID : 663695243
		Status : Answered
		Chosen Option : C



	What is the av	cruge or me	54449 10001.04	according to the ta	ble given below?
	Month	Salary	٦		
	January	Rs 10,000	1		
	February	Rs 11,000	-		
	March	Rs 12,000	-		
	April	Rs 13,000	-		
	May	Rs 14,000	-		
	June	Rs 15,000	-		
	July	Rs 15,000	-		
	August	Rs 14,000	-		
	September	Rs 13,000	-		
	October	Rs 12,000	-		
	November	Rs 11,000	-		
	December	Rs 10,000	-		
_			1		
S	X A. Rs. 13,5				
	X B. Rs. 12,0				
	🗙 C. Rs. 13,0	00			
	✔ D. Rs. 12,5	00			m
					Question ID : 663695242
					Status : Answered
					Chosen Option : D
.8 1s	days, in how man	k X in 5 days y days will Pra	akash do work Y ale	in 16 days. If Prakash one?	ean do work X in 10
15	🗙 A. 32 days				
	X B. 11 days		S	resher	
	even CC 12 dave				
	-				
	X D. 10 days				
	-				ſ
	-		NA		Question ID : 663695246
	-		NA		Status : Answered
				A A A	NW .L.
From a vessel beakers A and	coi B.	The acid in bo	oth the beakers was	ml pure acid was draw s diluted by adding wa ere added back to the	Status : Answer Chosen Option : C n out in each of the ter in different
	From a vessel conbeakers A and B. proportions. Afte concentration of	The acid in bo r that, the con acid in the ves	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
•	From a vessel con beakers A and B. proportions. Afte concentration of	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
	From a vessel con beakers A and B. proportions. Afte concentration of mixed with each of acid in that mixtu	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
	The formation of the second se	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
	The formation of the fo	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
	The formation of the second se	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be
	The formation of the fo	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be the concentration of
	The formation of the fo	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be the concentration of Question ID : 663695250
.9	The formation of the fo	The acid in bo r that, the con acid in the ves other instead o	oth the beakers was tents of A and B was ssel now is 80%. Ha	s diluted by adding wa ere added back to the ad the contents of bea	Status : Answered Chosen Option : C n out in each of the ter in different vessel. The kers A and B be the concentration of

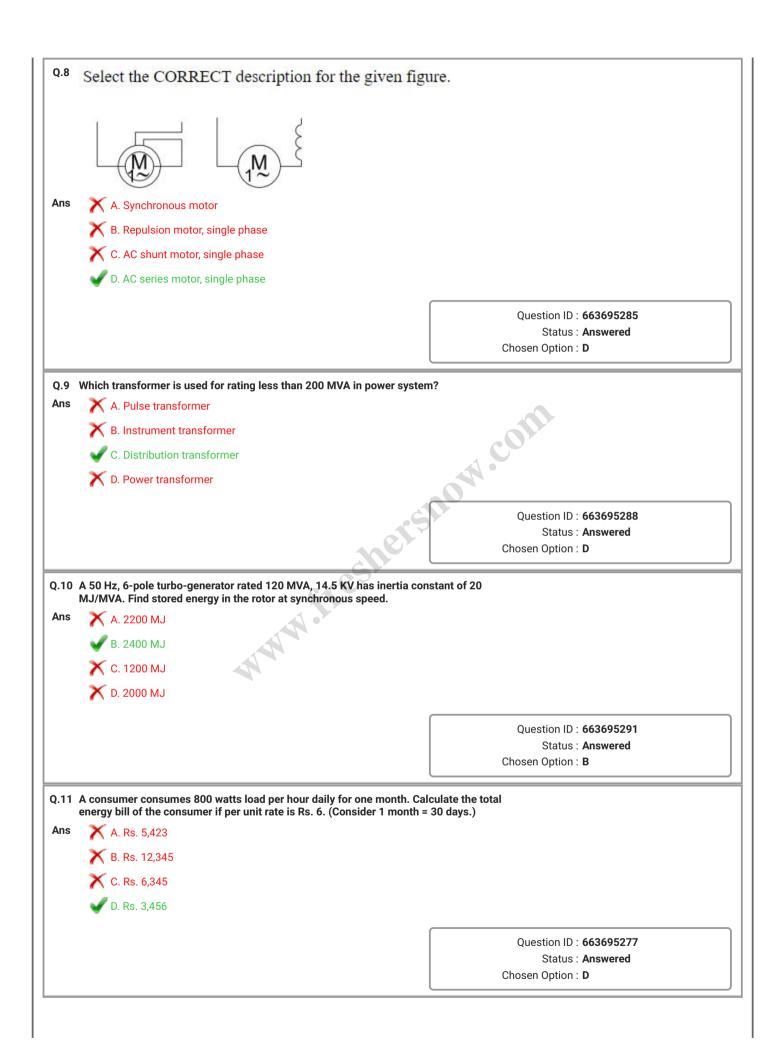


Ans A. 7 B. 9 C. 5 D. 4 Question ID : 663695241 Status : Answered Chosen Option : D Section : Electrical Engineering Q.1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.)	s the same remainder	9, 65 and 73 are three numbers. Which of the following number leaves hen it divides the above mentioned numbers?
 C.5 D.4 Question ID: 663695241 Status: Answered Chosen Option: D ection: Electrical Engineering Q.1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2%) Image: A. 6.5 mA A. 6.5 mA B. 5 mA C. 3 mA D. 7.2 mA Question ID: 663695283 Status: Answered Chosen Option: D 		🗙 A. 7
↓ ↓ L Question ID: 663695241 Status: Answered Chosen Option : D ection: Electrical Engineering Q1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Image: Comparison of the following LED used in the given circuit? (Assume the drop across the LED as 2 V) Question ID: 663695283 Status: Answered Chosen Option : D 2.2 Which of the following devices is used to measure insulation resistance? May C. Rope drive Image: Comparison of the following devices is used to measure insulation resistance? May A. Anometer Image: Comparison of the following devices is used to measure insulation resistance? May A. Anometer Image: Comparison of t		🗙 В. 9
↓ ↓ L Question ID : 663695241 Status : Answered Chosen Option : D ection : Electrical Engineering Q1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Provide the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Question ID : 6636952283 Status : Answered Chosen Option : D Status : Answered Chosen Option : A Question ID : 663695279 Status : Answered Chosen Option : A Question ID : 663695279 Status : Answered Chosen Option : A Q: Mich of the following devices is used to measure in		
Question ID: 663695241 Status: Answered Chosen Option: D ection: Electrical Engineering Q.1 Variation is the current through LED used in the given circuit" (Assume the drop across the LED as 2 V) Image: Constraint of the current through LED used in the given circuit" (Assume the drop across the LED as 2 V) Image: Constraint of the current through LED used in the given circuit" (Assume the drop across the LED as 2 V) Image: Constraint of the current through LED used in the given circuit" (Assume the drop across the LED as 2 V) Image: Constraint of the		
Status: Answered Chosen Option: D ector: Electrical Engineering Q.1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Descent of the provide of the given circuit? (Assume the drop across the LED as 2 V.) Image: Descent of the provide of the given circuit? (Assume the drop across the LED as 2 V.) Image: Descent of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Image: Descent of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Image: Descent of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Image: Descent of the following is NOT a type of transmission of drive? A. Horizontal drive Image: Descent of the following is NOT a type of transmission of drive? Ans C. Rope drive Image: Descent of the following devices is used to measure insulation resistance? Ans A Answered Chosen Option: A Q.3 Which of the following devices is used to measure insulation resistance? Ans A Answered Image: Descent of the following devices is used to measure insulation resistance? Answered Notimetr Image: Descent of th		
chosen Option : D ection : Electrical Engineering Q.1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.)		
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 Q.1 What is the current through LED used in the given circuit? (Assume the drop across the LED as 2 V.) Image: Constraint of the following is NOT a type of transmission of drive? Ans A. 6.5 mA B. SmA C. 3 mA D. 7.2 mA Question ID : 663695283 Status : Answered Chosen Option : D Q.2 Which of the following is NOT a type of transmission of drive? Ans A. Horizontal drive B. Belt drive C. Rope drive D. Chain drive Question ID : 663695279 Status : Answered Chosen Option : A Question ID : 663695279 Status : Answered Chosen Option : A Question ID : 663695279 Status : Answered Chosen Option : A C. Which of the following devices is used to measure insulation resistance? Ans A. Ammeter B. Megger C. Wattmeter D. Voltmeter 		
Image: Second secon		: Electrical Engineering
Ans A. 6.5 mA Ans A. 6.5 mA C. 3 mA D. 7.2 mA Question ID: 663695283 Status: Answered Chosen Option: D Question ID: 663695283 Status: Answered Chosen Option: D Question ID: 663695279 Status: Answered Chosen Option: A Question ID: 663695279 Status: Answered Chosen Option: A	across the LED as 2 V.)	Vhat is the current through LED used in the given circuit? (Assume the drop a
Ans A.6.5 mA Ans A.6.5 mA B. 5 mA C. 3 mA D. 7.2 mA Question ID : 663695283 Status : Answered Chosen Option : D 2.2 Which of the following is NOT a type of transmission of drive? A. Horizontal drive B. Belt drive C. Rope drive D. Chain drive Question ID : 663695279 Status : Answered Chosen Option : A Question ID : 663695279 Status : Answered Chosen Option : A 2.3 Which of the following devices is used to measure insulation resistance? Mas A. Ammeter B. Megger C. Wattmeter D. Voltmeter		2 // 2
Ans A. 6.5 mA B. 5 mA C. 3 mA D. 7.2 mA Question ID: 663695283 Status: Answered Chosen Option: D Q.2 Which of the following is NOT a type of transmission of drive? Ans A. Horizontal drive B. Belt drive C. Rope drive D. Chain drive Question ID: 663695279 Status: Answered Chosen Option: A Question ID: 663695279 Status: Answered Chosen Option: A Question ID: 663695279 Status: Answered Chosen Option: A		Power WV
Status: Answered Chosen Option: D Q.2 Which of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Ms A. Horizontal drive Ms C. Rope drive To C. Rope drive D. Chain drive Question ID: 663695279 Status: Answered Chosen Option: A A. Ammeter Q.3 Which of the following devices is used to measure insulation resistance? Ans A. Ammeter B. Megger C. Wattmeter D. Voltmeter D. Voltmeter		sopping
Status: Answered Chosen Option: D Q.2. Which of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Mark B. Belt drive Mark C. Rope drive Mark D. Chain drive Question ID: 663695279 Status: Answered Chosen Option: A Q.3. Which of the following devices is used to measure insulation resistance? Ans ▲ A. Ammeter Mark ▲ D. Voltmeter		÷ ÷
Status : Answered Chosen Option : D Q.2 Which of the following is NOT a type of transmission of drive? Ans ▲ Horizontal drive ▲ B. Belt drive ▲ C. Rope drive ▲ D. Chain drive Question ID : 663695279 Status : Answered Chosen Option : A		• A. 6.5 mA
Status: Answered Chosen Option: D Q.2 Which of the following is NOT a type of transmission of drive? Ans		X B. 5 mA
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Status: Answered Chosen Option: D Q.2. Which of the following is NOT a type of transmission of drive? Ans A. Horizontal drive Mark B. Belt drive Mark C. Rope drive Mark D. Chain drive Question ID: 663695279 Status: Answered Chosen Option: A Q.3. Which of the following devices is used to measure insulation resistance? Ans ▲ A. Ammeter Mark ▲ D. Voltmeter		🗙 D. 7.2 mA
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 ▶ D. Chain drive Question ID: 663695279 Status : Answered Chosen Option : A Q.3 Which of the following devices is used to measure insulation resistance? Ans ▲ A. Ammeter ▲ B. Megger ▲ C. Wattmeter ▲ D. Voltmeter 		X C. Rope drive
Question ID : 663695279 Status : Answered Chosen Option : A Ans A Ammeter B. Megger C. Wattmeter D. Voltmeter		
Status : Answered Chosen Option : A Q.3 Which of the following devices is used to measure insulation resistance? Ans ✓ A. Ammeter ✓ B. Megger ✓ C. Wattmeter ✓ D. Voltmeter		D. Chain drive
Q.3 Which of the following devices is used to measure insulation resistance? Ans ✓ A. Ammeter ✓ B. Megger ✓ C. Wattmeter ✓ D. Voltmeter	Question ID : 663695279	
 Q.3 Which of the following devices is used to measure insulation resistance? Ans		
Ans X A. Ammeter B. Megger C. Wattmeter D. Voltmeter	Chosen Option : A	
Ans X A. Ammeter B. Megger C. Wattmeter D. Voltmeter	e?	hich of the following devices is used to measure insulation resistance
 B. Megger C. Wattmeter D. Voltmeter 		
C. Wattmeter		-
X D. Voltmeter		
Question ID : 663695264		X D. Voltmeter
Question D . 003095204		
Status : Answered		
Chosen Option : B		



	A 220 V DC shunt motor has an armature resistance of 0. an armature current 40 A. It is desired to reduce the spee current remains the same, find the additional resistance t	d to 600 rpm. If the armature
ns	armature circuit.	
115	🗸 A. 1.33 ohm	
	🗙 B. 2.05 ohm	
	🗙 C. 2 ohm	
	🗙 D. 1.05 ohm	
		Question ID : 663695280
		Status : Answered
		Chosen Option : A
.5	Inside a conductor, electrostatic field is:	
ns	\mathbf{X} A. equal to and less than zero	
	X B. less than zero	
	C. equal to zero	
	X D. greater than zero	
		Question ID : 663695253
		Status : Answered Chosen Option : C
		chosen option : C
ins	over one cycle. X A. 5 B. 1.57 X C. 3.58 X D. 2.5	
	A	Question ID : 663695261
		Status : Answered
2.7	Oscillator classifications is NOT based on:	Status : Answered
•••	Oscillator classifications is NOT based on:	Status : Answered
•••	 A. input waveform B. output waveform 	Status : Answered
•••	 A. input waveform B. output waveform C. range of operating frequency 	Status : Answered
•••	 A. input waveform B. output waveform 	Status : Answered
•••	 A. input waveform B. output waveform C. range of operating frequency 	Status : Answered
•••	 A. input waveform B. output waveform C. range of operating frequency 	Status : Answered Chosen Option : B
Q.7 Ans	 A. input waveform B. output waveform C. range of operating frequency 	Status : Answered Chosen Option : B Question ID : 663695286







2.12	Power transformers are available in various ratings. Which of the fol INCORRECT rating?	
Ans	🗙 A. 110 kV	
	🗙 B. 400 kV	
	X C. 200 kV	
	✓ D. 6.6 kV	
		Question ID : 663695290
		Status : Answered
		Chosen Option : D
13	If the loop gain is positive for any system, the transfer function will b	De:
ns	A. Av = G /(1 - GH)	
	X B. Av = G × (1 + GH)	
	X C. Av = (1 + GH)/G	
	X D. Av = (1 + GH)	
		Question ID · 663695294
		Question ID : 663695294 Status : Answered
	Which of the following is NOT one of the applications of hot line mai	Status : Answered Chosen Option : A
).14 Ans	 Which of the following is NOT one of the applications of hot line mai A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators 	Status : Answered Chosen Option : A
	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator 	Status : Answered Chosen Option : A
ns 15	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators 	Status : Answered Chosen Option : A Intenance? Question ID : 663695297 Status : Answered Chosen Option : A
ns 15	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators Which transmission line is used to reduce electrical losses and to interval of the second	Status : Answered Chosen Option : A Intenance? Question ID : 663695297 Status : Answered Chosen Option : A
ns 15	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators Which transmission line is used to reduce electrical losses and to interval of the second	Status : Answered Chosen Option : A Intenance? Question ID : 663695297 Status : Answered Chosen Option : A
ns 15	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators Which transmission line is used to reduce electrical losses and to integrate the second se	Status : Answered Chosen Option : A Intenance? Question ID : 663695297 Status : Answered Chosen Option : A
Ans	 A. Providing series jumper B. Tightening of nut bolts of power connectors C. Testing of punctured insulator D. Replacement of disc insulators Which transmission line is used to reduce electrical losses and to interval of the second	Status : Answered Chosen Option : A Intenance? Question ID : 663695297 Status : Answered Chosen Option : A

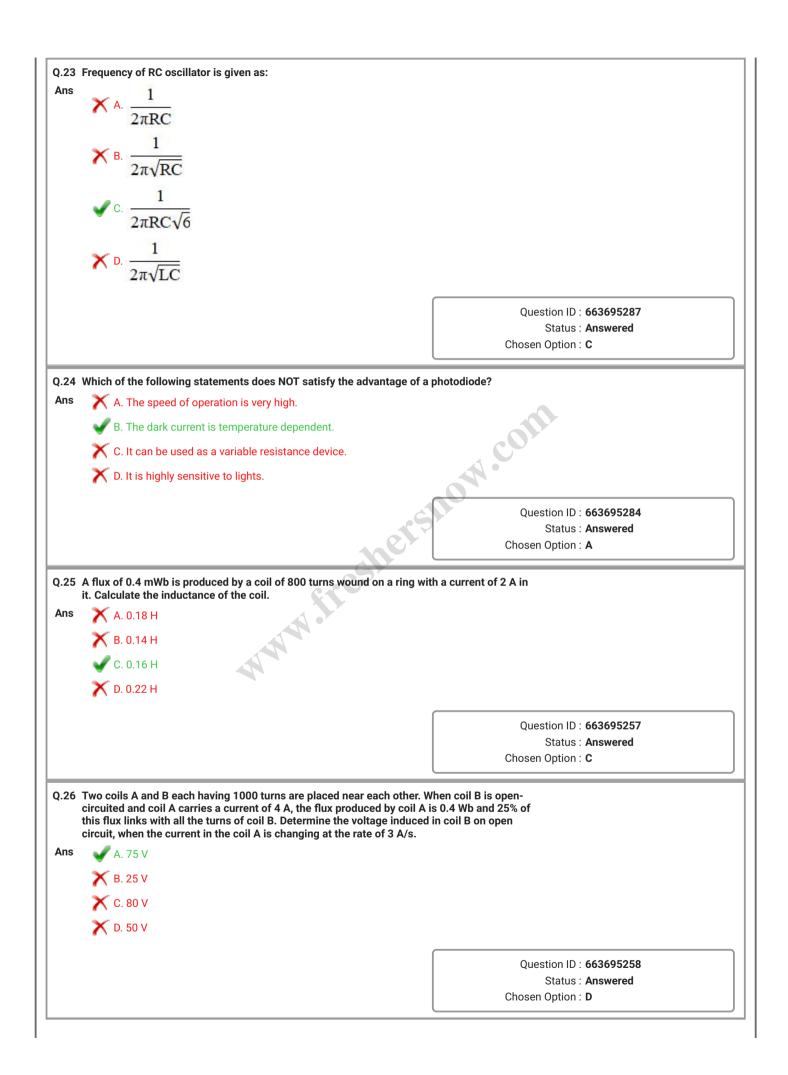


	igma C. Reduction in conductor material requirement	
	V B. Decrease in transmission efficiency	
Ans	\mathbf{X} A. Improvement of voltage regulation	
Q.19	Which of the following is NOT the reason for adopting EHV/UHV purposes?	range for transmission
	Electric charge of neutron is coulomb.	
	▼ D. −1.602 × 10 ⁻¹⁹	
	C. 0	
	X B. +1.602 × 10 ⁻¹⁹	
Ans	\times A. 1.67 × 10 ⁻²⁷	10
Q.18	Electric charge of neutron is coulomb.	A .
		Chosen Option : D
		Question ID : 663695262 Status : Answered
	J. 1/60 seconds	
	C. 120 seconds	
	X B. 60 seconds	
Q.17 Ans	A 60-Hz alternating current has a time period of: X A. 30 seconds	
0.47		
		Question ID : 663695263 Status : Answered Chosen Option : A
	• •	
	D. Vav = 0.636/Vmax	
	\mathbf{X} C. Vav = 0.336 Vmax	
	🗙 B. Vav = 0.363 Vmax	



0.20	MHCP stands for	
Ans	A. Magnetic Hemi-Spherical Candle Power	
	X B. Mean Hemi-Spherical Candle Power	
	C. Metallic Horizontal Candle Power	
	D. Mean Horizontal Candle Power	
	•	
		Question ID : 663695278
		Status : Answered Chosen Option : D
Q.21	A given shunt generator delivers 400 A at 240 V and the resistance of the shunt field and respectively. Calculate the generated EMF.	f armature are 40 Ω and 0.04 $\Omega,$
Ans	¹ s/h ¹ = ∞0 A ² A. 243.24 V	
	✔ B. 256.24 V	OIL
	🗙 C. 200 V	
	X D. 2223.76 V	now com
	aner	Question ID : 663695267 Status : Answered Chosen Option : B
	A 10-pole, 660 V, 50 Hz 3-phase delta connected synchronous moto with normal excitation. The rotor is retarded by 0.4° mechanical from position. Compute the rotor displacement in electrical degrees. A. 2° B. 1° C. 4° D. 3°	r is operating at no load n its synchronous
		Question ID : 663695271 Status : Answered Chosen Option : A

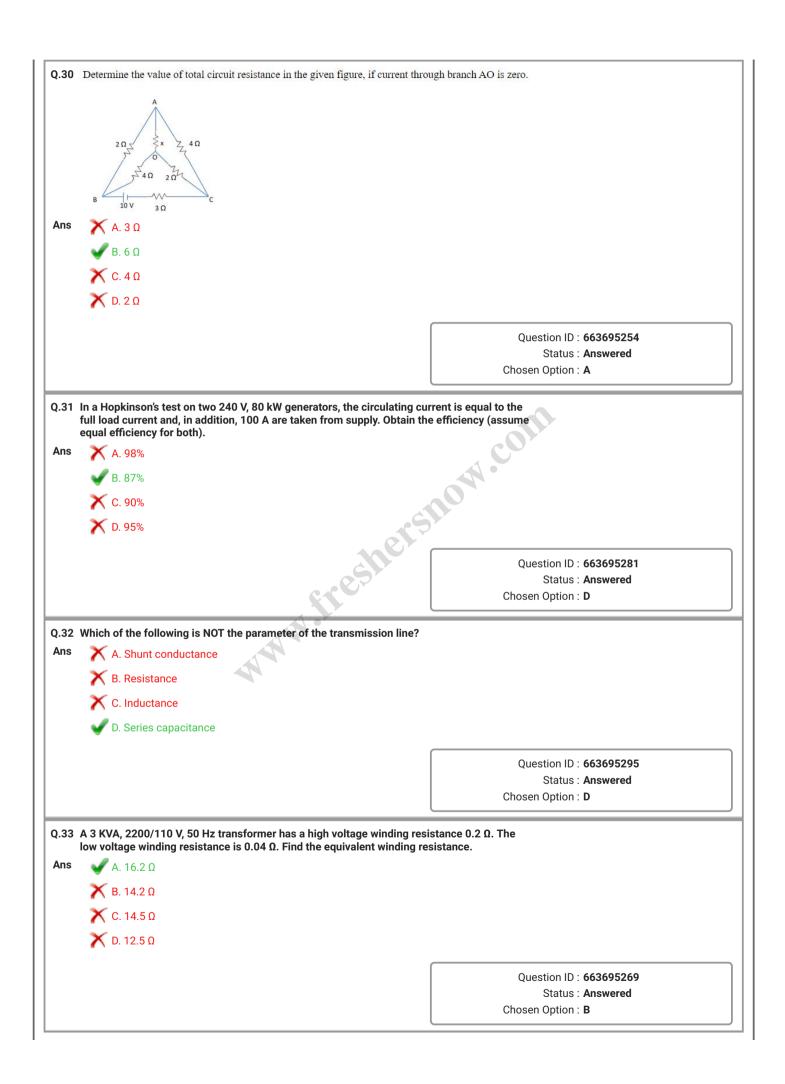






Q.27 Ans		
Ans	Which of the following is NOT an advantage of a PMMC inst	rument?
	A. Used only for DC	
	🗙 B. Scale is uniform	
	X C. Power consumption is less	
	X D. Torque/weight is high	
		Question ID : 663695266
		Status : Answered
		Chosen Option : A
Q.28	The charge (a) on a hody is always given h	
	The charge (q) on a body is always given b	
Ans	✓ A. Ne	
	Х в. <u>N</u>	
	e	
	e	
	\mathbf{X} c. $\frac{e}{n}$	
	X D. $\frac{1}{n}$	com
	n	
		Question ID : 663695251
		Status : Answered
		Chosen Option : A
0.20	There are 2 lights 2 ferrs and 2 seclets of 5 arms All the still	an an immant has 60 watt
Q.29	There are 2 lights, 3 fans and 3 sockets of 5 amp. All the giv power and is connected in one sub circuit. Calculate the tota	en equipment has ou watt
1	power and is connected in one sub circuit. Odiculate the tot	al connected load.
Ans	A. 480 watts	al connected load.
	✓ A. 480 watts	Il connected load.
	 A. 480 watts B. 380 watts 	al connected load.
	 A. 480 watts B. 380 watts C. 200 watts 	I connected load.
	 A. 480 watts B. 380 watts 	al connected load.
	 A. 480 watts B. 380 watts C. 200 watts 	
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
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	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered
	 A. 480 watts B. 380 watts C. 200 watts 	Question ID : 663695276 Status : Answered





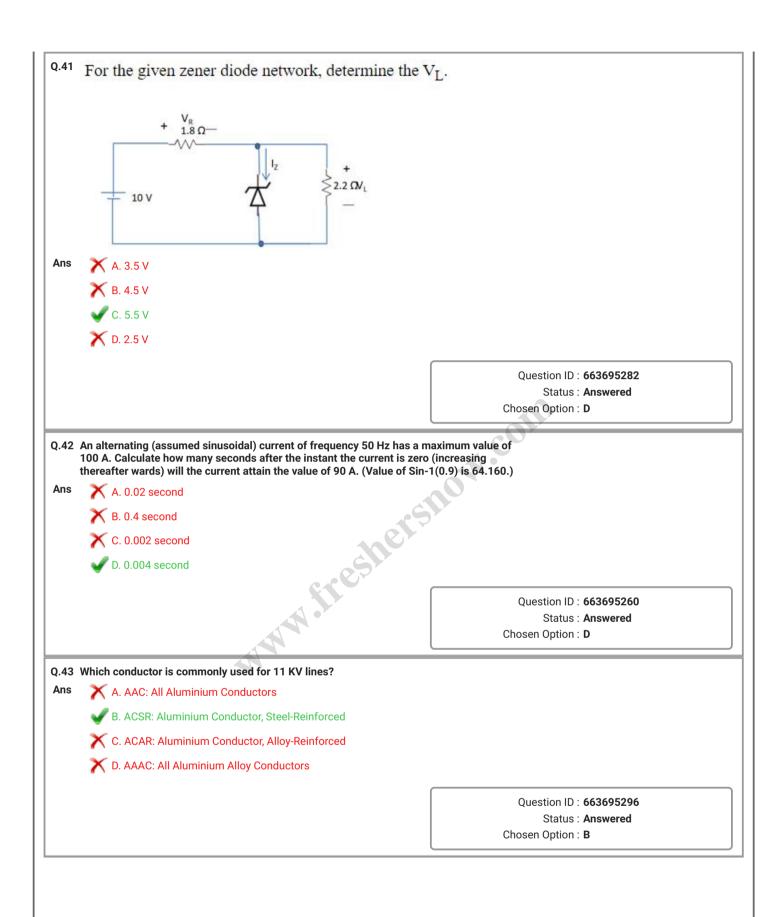


2.34	A slip ring induction motor runs at 190 rpm at full load when con Determine the number of poles and slip. (Assume synchronous			
Ans	X A. 20 Poles and 3% Slip			
	 B. 30 Poles and 5% Slip C. 16 Poles and 6% Slip 			
	X D. 400 Poles and 4% Slip			
		Question ID : 663695270		
		Status : Answered		
		Chosen Option : B		
.35	Which of the following is NOT a type of resistor?			
ns	X A. Deposited carbon			
	👽 B. Low-voltage ink glaze			
	🗙 C. Carbon composition			
	🗙 D. Metal film			
		Question ID : 663695256 Status : Answered		
		Chosen Option : B		
).36 Ans	 Which of the following is NOT a property of electric field lines? A. Field lines are not continuous curves without any breaks. B. Electrostatic field lines start at positive charges and end at negative chargesthey cannot form closed loops. C. Field lines are continuous curves without any breaks. 			
-113				
	X D. Two field lines cannot cross each other			
		Question ID : 663695252		
		Status : Answered		
		Chosen Option : A		
37	Power developed by a salient pole synchronous motor is given a	IC.		
Ans	X A. 9.55/Ns			
	✓ B. 9.55 P _m /N _s			
	\mathbf{X} C. 9.55×P _m ×N _s			
	X D. P _m /N _s			
	C Set m/rs			
		Question ID : 663695272		
		Status : Answered Chosen Option : B		
		Chasen Ontion , D		



4.00	Which of the following statements is CORRECT regarding ahydr	o-electric power station?		
Ans	X A. It is a generating station which converts the energy possessed by the sun into electrical energy.			
	 B. It is a generating station which converts the heat energy of coal combustion into electrical energy. 			
	 C. It is a generating station which converts the energy possessed by water into electrical energy. D. It is based on fossil fuels. 			
	D. It is based off tossil fuels.			
		Question ID : 663695274		
		Status : Answered		
		Chosen Option : C		
0.39	Which of the following methods is NOT used to reduce corona d	ischarge?		
Ans	X A. By using bundled conductors			
	X B. By increasing the conductor size			
	X C. By using corona rings			
	D. By decreasing the distance between conductors			
		Question ID : 663695289		
		Status : Answered		
		Chosen Option : D		
Q.40	A 4-pole generator having wave wound armature winding has 60 24 conductors. What will be the voltage generated by the machi assuming the flux per pole to be 8.0 mWb?) slots, each slot containing		
Q.40 Ans	OA any dynatowe. What will be the veltere any evented by the week.) slots, each slot containing		
	OA any dynatowe. What will be the veltere any evented by the week.) slots, each slot containing		
	OA any dynatowe. What will be the veltere any evented by the week.) slots, each slot containing		
	OA any dynatowe. What will be the veltere any evented by the week.) slots, each slot containing		
	24 conductors. What will be the voltage generated by the machi assuming the flux per pole to be 8.0 mWb? A. 360.8 V B. 440 V C. 460.8 V) slots, each slot containing		
	OA any dynatowe. What will be the veltere any evented by the week.) slots, each slot containing		







A. An A. An B. W C. M T. J. Jo D. Jo A. Re	<mark>atts</mark> ega ohms	Question ID : 663695265 Status : Answered Chosen Option : C			
A. Re A. Re A. Re A. Re	atts ega ohms rule e following is NOT the advantage or use of Kalman filter ratic estimation (LQE)?	Status : Answered Chosen Option : C			
C. M C. M D. Jo 2.45 Which of the linear quad	ega ohms ule e following is NOT the advantage or use of Kalman filter ratic estimation (LQE)?	Status : Answered Chosen Option : C			
2.45 Which of the linear quad Ans X A. Re	ule e following is NOT the advantage or use of Kalman filter ratic estimation (LQE)?	Status : Answered Chosen Option : C			
2.45 Which of th linear quad Ans X A. Re	e following is NOT the advantage or use of Kalman filter ratic estimation (LQE)?	Status : Answered Chosen Option : C			
linear quad Ans X A. Re	ratic estimation (LQE)?	Status : Answered Chosen Option : C			
Ans X A. Re	ratic estimation (LQE)?	Status : Answered Chosen Option : C			
Ans X A. Re	ratic estimation (LQE)?				
linear quad Ans X A. Re	ratic estimation (LQE)?	r which is also known as			
	emoves statistical noises				
💞 B. Pr					
	B. Provides robustness				
🗙 C. Pi	C. Produces estimates of unknown variables that tend to be more accurate				
	D. Removes inaccuracies				
		Question ID : 663695292			
		Status : Marked For Review			
		Chosen Option : B			
Q.46 Which of th	e following is an INCORRECT statement regarding the li	mitation of solar cell?			
Ans 🗸 🗸 A. It	A. It can be used on cloudy days or at night.				
🗙 B. It	X B. It cannot be used on cloudy days or at night.				
X C. It	C. It is an uneconomical method compared to the conventional method.				
_	X D. It requires a large area for the generation of even a small amount of electric power.				
		Question ID : 663695273			
		Status : Answered			
		Chosen Option : A			



