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1. An isolated synchronous generat	•			the high voltage bus	
through a step up transformer of	-				
(A) 1000 MVA 2. An amplifier circuit has an overal	(B) 500 MVA	(C) 100 MVA	(D) 50MVA	of 1KO. The overall	
voltage gain of the amplifier is:	-	-		of 1K32. The overall	
(A) 5dB 3. A four bit modulo 16 ripple coun	(B) 10dB tor uses IK flip flop. If the prop	(C) 20dB	(D) 40dB	num clock froquoncy	
that can be used is:	ter uses in hip-hop. If the prop	agation delay of each hip-hic	op is solis, the maxin	num clock nequency	
(A) 20MHz	(B) 10 MHz	(C) 5 MHz	(D) 4 MHz		
4. If the characteristic equation of a					
(A) Over damped	(B) Critically damped	(C) Under damped	(D) Un – damped		
5. In a 400 kV power network, 360	kV is recorded at a 400 kV bus.	The reactive power absorbe	ed by a shunt reactor	r rated for 50 MVAR,	
400 kV connected at the bus is :					
(A) 61.73 MVAR	(B) 55.56 MVAR	(C) 45.0 MVAR	(D) 40.5 MVAR		
6. The magnitudes of the open circ impendance of the line is :	uit and short circuit input imp	redances of a transmission li	ine are 100 S2 and 2	(A) 25 Ω respectively. The	
50Ω (C) 75 Ω	(D) 100 Ω			(A) 25 32	(B)
7. Two parallel wires separated by		current ' I ' in the same dire	ection. The magneti	c field along a line pa	vallel to these
wires and midway between them :	a distance a are carrying a	current i in the same and	cetton. The magnet		namer to these
(A) Depends upon I	(B) Is zero	(C) Depends upon d	(D) Depends upor medium betw	n the permeability of een them	
8. In the magnetising current com	ponent of the no-load curren	it of an induction motor is	much larger than th	hat of a correspondin	g transformer
because of :					
(A) Additional friction and winding loss in motor(C) Increased flux requirement		(B) Different winding configuration on stator(D) An air gap in the magnetic circuit			
9. A transformer designed for oper	ration on 60 Hz supply is work	red on 50Hz supply system y	without changing its	voltage and current	ratings When
compared with full load efficiency a				voltage and current	ratings. when
(A) Increase marginally	(B) Increase by a factor of 1.	-		rease Marginally	
10. The hot resistance of the filame	nt of a bulb is higher than the	cold resistance because the	temperature co-effi	cient of the filament is	5:
(A) Negative	(B) Infinite	(C) Zero	(D) Positive		
11. If the applied voltage of a certain			duced to 50% (assum	ning that the magnetic	C
circuit remains unsaturated), the	-				
(A) Change to three times the original value		(B) Change to 1.5 times the original value(D) Remain the same as the original value			
(C) Change to 0.5 times as the origin	al value	(D) Remain the sa	ame as the original va	alue	
12. The power factor of a squirrel c	age induction motor is				
(A) low at light load only.	(B) low at heavy load only.	(C) low at light ar	nd heavy load both.	(D) low at rated load	d only.
13. A two-winding single phase trar	nsformer has a voltage regulati	ion of 4.5% at full-load and u	inity power-factor. A	At full-load and 0.80	
power-factor lagging load the v					
(A) 4.5%.	(B) less than 4.5%.	(C) more than 4.5%.	(D) 4.5% or more	than 4.5%.	
14. The eddy current loss in an a-c e		0 Hz. Its loss at 100Hz will be	2		
(A) 25 watts	(B) 59 watts	(C) 100 watts	(D) 400		
15. A 1.8°step, 4-phase stepper mo				eir rotor will be	
(A) 40	(B) 50	(C) 100	(D) 80		
16. A salient pole synchronous mot		d current is switched off. The	e motor will		
(A) come to stop. (B) continue to r					
(C) continue to run at a speed slight	y more than the synchronous s	speed. (D) continue to run at	a speed slightly less	than the synchronous	speed.
17. For the equation, s - 4s + s + 6 =	= 0 the number of roots in the l	-			
(A) One	(B) Two	(C) Three	(D) Zero)	
18. HVDC Transmission is mainly us					
	ower over a very long distance wer requirement in the operati				
19. Usually in a thermal power plan	it the amount of good quality (coal required to Generate 1.	init of energy is		
(A) Less than 700 gm	(B) Greater than 700 gm	(C) Greater than		e of these.	
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ANSWER THE BELOW QUESTION

Q1: What do I comprehend by sales and marketing?

Q2: Why do I intend to build a career in sales and marketing?

Q3: Why do I consider myself fit for sales and marketing job?