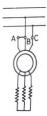
Question 1	
In Induction motor rotor laminations are thicker than stator laminations. Choose True or False.	
● 1. True Feedback:	
2. False	
Feedback:	
Question 2	
Choose the Induction motor pole with peak speed.	
Choose one answer. ■ 1. 10	
Q 2. 12	
O 3. 14	
Question 3	
Which starting method is the best method in Induction motor? Choose one answer.	
1. Direct online starting	
2. Autotransformer starting	
3. Reactance starting4. Star-Delta starting	
- I. Car Bola Carang	
Question 4	
Which type of Induction motor is best for pole changing method? Choose one answer.	
• 1. SCIM	
2. WRIM	
○ 3. Single-phase IM○ 4. Linear IM	
Question 5Motor operates at high power factor.	
Choose one answer.	
1. Capacitor start	
2. Capacitor run3. Shaded pole	
4. Reluctance	
Outsetien 6	
Question 6 Power input to an induction motor is given by	
Choose one answer.	
○ 1. 3VplpcosΦ	
○ 2. 2VplpcosΦ○ 3. VplpcosΦ	
○ 4. 5VplpcosΦ	
Question 7	
For motoring mode, the phase angle between the stator phase voltage and stator phase cui	rrent
should be	
Choose one answer	

1. < 90°2. > 90°3. < 40°4. 180°	
Question 8 The relative speed between the stator magnetic field and rotor in the induction motor is Choose one answer. ① 1. Ns ② 2. Ns-Nr ② 3. Ns+Nr	
 ↓ 4.0 Question 9 The relative speed between the stator magnetic field and stator in the induction motor is _ Choose one answer. ♠ 1. Ns ↓ 2. Ns-Nr ↓ 3. Ns+Nr 	_
4. 0 Question 10 The relative speed between the rotor and stator in the induction motor is Choose one answer. 1. Nr 2. Ns-Nr	
3. Ns+Nr 0 4. 0	
Which type of operation is this? Choose one answer.	
1. Braking 2. Motoring 3. both 4. none	
A° ¢B°C Ila IIc	

Type of connection is Choose one answer.

- 1. one lead
- 2. two lead
- 3. three lead

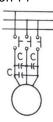
Question 13



type of connection is Choose one answer.

- 1. one lead 2. two lead
- 3. three lead
- 4. cannot say

Question 14

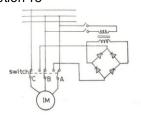


Type of braking is

Choose one answer.

- 1. Self-excited braking using capacitors
- 2. regenerative 3. dynamic
- 4. none

Question 15



type of braking is

Choose one answer.

- 1. Two Loads DC Dynamic Braking
- 2. Three Loads DC Dynamic Braking3. both
- 0 4. none

Question 16

ac or dc supply	
type of braking is Choose one answer. 1. dc dynamic braking 2. zero sequence braking 3. ac dynamic braking 4. none	
Question 17	three stator phases are connected in series and single phase
AC or DC is connected across them Choose one answer. 1. ac dynamic braking 2. dc dynamic braking 3. zero sequence braking 4. negative sequence braking	
Question 18 current in all the stator windings are co Choose True or False. 1. True 2. False	-phasal in zero s equence braking
Question 19 Plugging induction motor braking is do Choose True or False. 1. True 2. False	ne by reversing the phase sequence of the motor
Question 20 If the air gap between the rotor and stachoose one answer. 1. Load Current is increased 2. Leakage reactance is increased 3. No-load current is increased 4. Leakage reactance is decreased	ed
Question 21 For higher efficiency of 3-phase induct Choose one answer. 1. As small as possible 2. Large 3. Very large 4. Unity	ion motor, the slip should be

Question 22

The starting torque of a 3-phase induction motor is.....supply voltage. Choose one answer.

Power Electronic Controlled Drives Unit 03: Induction motor Drives I 1. Independent of 2. Inversely proportional 3. Directly proportional 4. Directly proportional to square Question 23 A high starting torque can be obtained in a 3-phase induction motor by Choose one answer. ○ 1. Increasing Rotor Reactance 2. Increasing Rotor Resistance 3. Decreasing Rotor Resistance 4. Any of the above Question 24 The rotor current in a 3-phase induction motor isslip. Choose one answer. • 1. Directly proportional to 2. None of the above ○ 3. Inversely Proportional to 4. Independent Question 25 The maximum EMF is induced in the rotor of a 3-phase induction motor when it Choose one answer. 1. No-Load 2. Half-load 3. is blocked 1. Full-load Question 26 The torque characteristic of a 3-phase induction motor is similar to that of Choose one answer. 1. DC differentially compound motor 2. DC Shunt Motor 3. DC Series Motor 4. DC cumulatively compounded Motor Question 27 The rotor winding of a 3-phase wound rotor induction motor is generally......connected. Choose one answer. 1. Partially Delta & Partially Star O 2. delta 3. neutral 4. Star Question 28

The full load slip of an induction motor varies from

Choose one answer.

1. 100%

2. 2-7%

O 3.50%

4. 10-20%

Question 29

synch	frequency of 3-phase supply to the stator of a 3-phase induction motor is increased, then bronous speed se one answer. 1. Increased 2. Remain unchanged 3. Decreased 4. None of the above
	happens if the fifth harmonics is given to the induction motor? se one answer. 1. Short-circuit the motor 2. None of the above 3. The motor will rotate in reverse direction 4. The motor will rotate in the same direction