	egenerative braking is not possible in a series motor. soose True or False. 1. True Feedback: 2. False Feedback:
	n 2 egenerative is the best electrical braking among all braking techniques. electrical braking among all braking techniques. floose True or False. 1. True 2. False
	braking is a method of motor braking in which a motor is reconnected to act as a generator mediately after it is turned off loose one answer.
bru	namic braking is normally applied to DC motors because there must be access to thevia the ushes to take advantage of the generator action. noose one answer. 1. armature 2. Field 3. Commutator 4. All
the	ectromechanicalbrakes are often used along with dynamic braking in applications that require load to be held. loose one answer. 1. Windage 2. Friction 3. Regenerative 4. all
de	ugging is a method of motor braking in which the motor connections are reversed so that the motor velops a(n)that acts as a braking force. oose one answer. 1. counter torque 2. motor torque 3. none 4. all

Which of the following is the best braking method? Choose one answer. 1. Friction 2. Electromechanical action
3. Eddy-currents
4. Electric braking
Question 8
Which of the following is not the method of electrical braking? Choose one answer.
1. Plugging or counter-current
2. Dynamic or rheostatic
3. Regenerative
4. Eddy current
Question 9
Which of the following is the plugging method of braking?
Choose one answer.
1. Reversal of field connections2. Reversal of armature connections
3. Addition of equal and opposite field
4. Removal of field circuit from current machine circuit
Ougation 10
Question 10 Which of the following is correct formula for braking torque in plugging?
Choose one answer.
● 1. n (ka2/Rb)
○ 2. n2 (ka2/Rb)○ 3. n-1 (ka2/Rb)
○ 4. (ka2/Rb)
Question 11
Electrical braking of any variety becomes less effective as Choose one answer.
1. Speed increases
2. Speed decreases
3. Independent of speed
4. Depends on supply voltage
Question 12
Plugging is applied in a motor, if we don't make the switch OFF what will happen?
Choose one answer.
1. Motor will come to rest as a result of plugging2. Motor will come to rest and will start rotating in another direction
3. Motor will burn
O 4. Nothing will happen
Question 13
Plugging is used in
Choose one answer.
1. Small motors only
2. Small and medium powered3. Only in large heavy machines
4. Everywhere

Question 14
Which of the following is dynamic braking?
Choose one answer. ① 1. Reversal of field connections
2. Reversal of armature connections
3. Addition of equal and opposite field
4. Removal of armature circuit from current machine circuit
Trong and craimaters should be a continue of the continue of t
Question 15
Braking time in the dynamic braking is the function of
Choose one answer.
○ 1. System inertia○ 2. Load torque
3. Motor rating
4. All- system inertia, load torque and motor rating
Question 16
In dynamic braking, when braking is applied system acts as
Choose one answer. O 1. Freely running machine
2. Motor with slow speed
3. Generator
4. Motor with same speed in opposite direction
Question 17
In which of the following electrical braking method, energy is supplied back to the supply? Choose one answer.
1. Plugging
2. Dynamic braking
3. Regenerative braking
4. In all electrical braking
Question 18 Regenerative broking is used when duty avels
Regenerative braking is used when duty cycle Choose one answer.
1. Requires braking of machine
2. Requires accelerating of machine
○ 3. Requires constancy of machine
4. Cannot comment on duty cycle
Overtion 10
Question 19 Regeneration is not easily possible for
Choose one answer.
1. DC shunt motor
O 2. Separately excited motor
3. Compounding motor with weak series compounding
4. DC series motor
Question 20
Which of the following method is not used for regeneration?
Choose one answer.
1. Increasing field current
2. Increasing armature speed
3. Increasing supply voltage
4. Reducing supply voltage

Question 21 The plugging braking gives the Choose one answer. 1. Zero torque braking 2. Smallest torque braking 3. Highest torque braking 4. Variable torque braking
Question 22 Regenerative method of braking is based on Choose one answer. 1. Back emf is less than the applied voltage 2. Back emf is equal to the applied voltage 3. Back emf of rotor is more than the applied voltage 4. Cannot be determined
Question 23 Where dynamic braking is used? Choose one answer. 1. Shunt motors 2. Series motors 3. Compound motors 4. All DC motors
Question 24 For which of the following motor dynamic braking is very effective? Choose one answer. 1. Shunt motors 2. Separately excited motors 3. Series motors 4. Differential compound motors
Question 25 When is the dynamic braking is employed? Choose one answer. 1. Non-reversing drive 2. Reversing drive 3. Both Reversing and Non-reversing 4. Cannot tell
Question 26 Half wave converters are used for controlling DC motor of
Question 27 Semi-converters can't be used when regeneration is required. Choose True or False. 1. True 2. False

	when armature current becomes discontinuous? Choose one answer. 1. Small firing angles 2. Large firing angles 3. Infinite firing angle 4. Does not depend on firing angle
	tion 30 How many quadrants does full-converter work? Choose one answer. 1. 1 2. half 3. 2 4. Can be any
	Full-converter can be used in DC motor for regenerative braking in Choose one answer. 1. Constant operation 2. Variable operation 3. Inversion operation 4. Opposite operation
	tion 32 Dual converter operates inquadrant/s Choose one answer. 1. 1 2. 2 3. 3 4. 4
	which converter/s can be used for DC series motor control? Choose one answer. 1. Semi-converters 2. Half-wave converter 3. Full-converter 4. Semi converters and full converter
4,000	tion 34 Three phase converters are employed for Choose one answer. 1. Large kW motors 2. Small kW motors 3. In all motors 4. Never used

Ques	tion 35 Which of the following method is adopted for controlling a DC motor? Choose one answer. 1. Resistance control 2. Motor-generator set 3. Inverter Rectifier 4. DC chopper
Ques	tion 36 Which of the following method is employed when regenerative braking is necessary: Choose one answer. 1. DC chopper 2. Variable resistor 3. Inverter rectifier 4. Motor-generator
Ques	tion 37 Which of the following statement is not true regarding to DC chopper? Choose one answer. 1. cheap 2. Fast response 3. Regeneration 4. AC to DC control
Ques	tion 38 Which of the following correctly suits with chopper? Choose one answer. 1. Thyristor in series with load 2. Thyristor in parallel with load 3. Thyristor switch in series with load 4. Thyristor switch in parallel with load
Ques	tion 39 The average value of chopper output waveform is given by Choose one answer. 1. αV 2. V/α 3. α2V 4. V/α2
Ques	tion 40 How output voltage of chopper can be varied? Choose one answer. 1. By using constant frequency system 2. By using variable frequency system 3. By using constant and variable frequency systems 4. By using constant or variable frequency systems
Ques	tion 41 In voltage commutation, in chopper circuit we use Choose one answer. 1. 2 auxiliary thyristors 2. 2 diodes 3. 1 auxiliary thyristor

4. Many diodes	
Question 42	
In current commutation, in chopper circuit we use _	
Choose one answer.	
1. 2 auxiliary thyristors	
2. 2 diodes	
3. 1 auxiliary thyristor	
 4. 2 auxiliary thyristors and 2 diodes 	