GITI BIDKALKATTE

MONTHLY TEST- MARCH 26

Q. ID: ITISKILL9500R4 | May 2026

90.00% 18 / 20

Student Name	Prajwal devadiga	Access Code	6162
Attempt No.	#1	Completion Time	03:01 PM
Rank	#6	Total Questions	20

18 SCORE	**20** MAX MARKS	**18** CORRECT	**2** INCORRECT

Answer Review

Q1 CORRECT What is the purpose of ?V? pulley in the charging system?

A. Drive the cam shaft

B. Rotate the alternator rotor □

C. Drive the crank shaft

D. Support rectifiter mounting plates

Q2 CORRECT What is the working principle of alternator?

A. Ohms law

B. Law of resistance

C. Electromagnetic induction □

D. Lenz's law

Q3 CORRECT What is the material used to make diodes?

A. Mica

B. Silicon ☐

C. Alumina foil

D. Graphite

Q4 CORRECT Which part of bendix drive starting system limit the turning of the sleeve on the armature shaft?

A. Pinion

B. Bendix drive spring ☐

C. Anti drift spring

D. Fly wheel

Q5 CORRECT How the alternator field terminal is connected to the battery?

A. By ignition switch ☐

B. By indicator lamp

C. By charge indicator

D. By voltage regulator

Q6 CORRECT What is the function of solenoid switch?

A. Open and close the circuit between primary and secondary

B. Stepdown voltage from primary to secondary winding

C. Close the contact between battery and starting motor ☐

D. Shift the lever to engage the plunger

Q7 CORRECT Where the starter motor located?

A. Front side of engine

B. Rear side of engine □

C. Top side of engine

D. Bottom of engine

Q8 CORRECT What is the advantage of series winding type starter motor?

A. Produce high starting torque □

B. Produce constant starting torue

C. Increase the life of armature

D. Less cost of maintance

Q9 CORRECT What is the purpose of alternator?

A. Produce more electricity at high RPM

B. Produce more electricity at low RPM □

C. Produce constant electric supply at high RPM

D. Produce variable electric supply at high RPM

Q10 CORRECT What is the function of diodes?

A. Convert AC to DC □

B. Convert DC to AC

C. Step up voltage

D. Step down voltage

Q11 CORRECT Which device used to prevent damage to the battery and other electrical accessories?

A. Voltage regulator

B. Current regulator

C. Distributor assembly

D. Alternator

Q12 CORRECT What is the adverse effect of fly wheel ring to starter pinion ratio is very high?

A. Reduce the starting torque

B. Damage to starter motor

C. Increase the starting torque

D. Starter motor fails to start

Q13 CORRECT Why the brushes are provided with a curvature at the bottom in the starting system?

A. Prevent wear on commutator

B. Provide more contact with commutator

C. Ensure proper heat dessipation

D. Provide ventilation to commutator

Q14 CORRECT What is the contributory cause of starter motor running but not cranking?

A. Abnormally woem brush

B. Over running clutch slipping

C. Faullty ECM circuit

D. Poor contacting action of ignition

Q15 CORRECT What will be the result of worn teeth of ring gear in the starting system?

A. Motor running but too fast

B. Motor not running no operating sound of magentic switch

C. Starter motor running too slow

D. Starter motor running but not cranking

Q16 CORRECT What is the possible cause of motor not running and no operating sound of magnetic switch?

A. Burnt commutator

B. Battery discharged

C. Worn brushes

D. Worn pinion tip

Q17 CORRECT Why anti drift spring is provided in the bendix drive starting system?

A. Provide grip over armature shaft

B. Avoid the side way movement of armature shaft

C. Prevent pinion striking fly wheel

D. Resist wear on the fly wheel

Q18 INCORRECT What causes charges at high rate in the alternator?

A. Open rectifier circuit

B. Open field current

C. Voltage regulator setting too low

D. Voltage regulator setting too high

Q19 CORRECT What will be the result of loose drive pulley in the alternator?

A. Charges at high rate

B. Low voltage output from alternator

C. No change when engine running

D. Alternator noisy □

Q20 INCORRECT What causes no charge when engine is running?

A. Drive belt loose □

B. Shorted rectifier

C. Sticky regulator

D. Brushes not seating properly □