

15. Why the brushes are provided with a curvature at the bottom in the starting system?

- A) Provide ventilation to commutator
- B) Ensure proper heat dissipation
- C) Prevent wear on commutator
- D) Provide more contact with commutator

Answer: D) Provide more contact with commutator

16. Which part of Bendix drive starting system limit the turning of the sleeve on the armature shaft?

- A) Bendix drive spring
- B) Pinion
- C) Anti drift spring
- D) Fly wheel

Answer: A) Bendix drive spring

17. What causes charges at high rate in the alternator?

- A) Voltage regulator setting too high
- B) Voltage regulator setting too low
- C) Open rectifier circuit
- D) Open field current

Answer: A) Voltage regulator setting too high

18. What is the function of solenoid switch?

- A) Open and close the circuit between primary and secondary
- B) Shift the lever to engage the plunger
- C) Stepdown voltage from primary to secondary winding
- D) Close the contact between battery and starting motor

Answer: D) Close the contact between battery and starting motor

19. Why anti drift spring is provided in the Bendix drive starting system?

- A) Resist wear on the fly wheel
- B) Prevent pinion striking fly wheel
- C) Avoid the side way movement of armature shaft
- D) Provide grip over armature shaft

Answer: B) Prevent pinion striking fly wheel

20. What is the function of drive end frame in the alternator?

- A) Allow current flow in one direction
- B) Connecting to spring loaded brush
- C) Carriers driving pulley
- D) Support the pre lubricated sealed bearing

Answer: D) Support the pre lubricated sealed bearing

21. What is the purpose of alternator?

- A) Produce variable electric supply at high RPM
- B) Produce more electricity at high RPM
- C) Produce more electricity at low RPM
- D) Produce constant electric supply at high RPM

Answer: C) Produce more electricity at low RPM

22. What is the function of diodes?

- A) Convert AC to DC
- B) Step down voltage

- C) Convert DC to AC
- D) Step up voltage

Answer: A) Convert AC to DC

23. Which device used to prevent damage to the battery and other electrical accessories?

- A) Alternator
- B) Voltage regulator
- C) Current regulator
- D) Distributor assembly

Answer: B) Voltage regulator

24. What is the working principle of alternator?

- A) Ohms law
- B) Electromagnetic induction
- C) Law of resistance
- D) Lenz's law

Answer: B) Electromagnetic induction

25. What will be the result of worn teeth of ring gear in the starting system?

- A) Motor running but too fast
- B) Starter motor running but not cranking
- C) Motor not running no operating sound of magnetic switch
- D) Starter motor running too slow

Answer: B) Starter motor running but not cranking

26. What is the advantage of series winding type starter motor?

- A) Increase the life of armature
- B) Less cost of maintenance
- C) Produce constant starting torque
- D) Produce high starting torque

Answer: D) Produce high starting torque

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

- A) Battery discharged
- B) Worn pinion tip
- C) Burnt commutator
- D) Worn brushes

Answer: A) Battery discharged

28. What is the contributory cause of starter motor running but not cranking?

- A) Poor contacting action of ignition
- B) Faulty ECM circuit
- C) Over running clutch slipping
- D) Abnormally worn brush

Answer: C) Over running clutch slipping

29. What causes no charge when engine is running?

- A) Sticky regulator
- B) Brushes not seating properly
- C) Drive belt loose
- D) Shorted rectifier

Answer: C) Drive belt loose

30. Where the starter motor located?

- A) Bottom of engine
- C) Front side of engine

- B) Rear side of engine
- D) Top side of engine

Answer: B) Rear side of engine
