

Monthly Test for the of sep 25

Q. ID: ITISKILL8373EV

September 2025

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Answer Key

Duration: 30 Mins

Total Marks: 20

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1. Which part provides flexible connection and permits smooth transfer of torque from gear box to the rear axle?

- A) Half shaft
- B) Clutch shaft
- C) Fly wheel
- D) Universal joint

Answer: D) Universal joint

2. Which part of dual mass fly wheel isolate the fly wheel mass system of the engine?

- A) Gear box
- B) Cam shaft
- C) Vibration damper
- D) Crank shaft

Answer: C) Vibration damper

3. Which system not connected with electrical system?

- A) Charging system
- B) Transmission system
- C) Suspension system
- D) Steering system

Answer: B) Transmission system

4. What causes noisy gear box in neutral position?

- A) Synchronizer defective
- B) Synchronizing unit stuck
- C) Bearing worn out or dry
- D) Synchronizer worn-out

Answer: C) Bearing worn out or dry

5. Which gear will produce clicking noise during teeth contact?

- A) Helical gear
- B) Worm gear
- C) Bevel gear
- D) Spur gear

Answer: D) Spur gear

6. Which part connects propeller shaft?

- A) Gear box and final drive
- B) Clutch shaft and fly wheel
- C) Crankshaft and final drive
- D) Cam shaft and clutch shaft

Answer: A) Gear box and final drive

7. Which type of synchromesh gear box will produce torque more than three times of other types?

- A) Baulk ring type
- B) Porche type
- C) Multi and Double cone
- D) Baulk type

Answer: C) Multi and Double cone

8. Which type of gear will not produce axial thrust while transmitting torque

- A) Helical gears
- B) Spiral bevel gear
- C) Worm gears
- D) Spur gear

Answer: D) Spur gear

9. Which type of gear box provided with helical gears?

- A) Sliding mesh gear box
- B) Synchromesh gear box
- C) Auto synchromesh gear box
- D) Constant mesh gear box

Answer: D) Constant mesh gear box

10. What is the name of seal used between two parts that do not move in relation to each other?

- A) Static seal
- B) Square cut seal
- C) Dynamic seal
- D) Teflow seal

Answer: A) Static seal

11. Which is noise free clutch?

- A) Single plate clutch
- B) Dog clutch
- C) Diaphragm spring type clutch
- D) Multi plate clutch

Answer: C) Diaphragm spring type clutch

12. What is the necessity of square cut seals?

- A) Provide cushioning effect
- B) Withstand radial movement
- C) Prevent the seal rolling in groove
- D) Prevent fluid leakage

Answer: C) Prevent the seal rolling in groove

13. Which type of system is to isolate the vehicle body from road shock and vibration?

- A) Suspension system
- B) Control system
- C) Hydraulic system
- D) Steering system

Answer: A) Suspension system

14. Which system deals with alternator?

- A) Charging system
- B) Steering system
- C) Starting system
- D) HVAC system

Answer: A) Charging system

15. Which type of joint permit small diffraction angle and linear variations?

- A) Double joint
- B) Pot joint
- C) Tripod joint
- D) Flexible discs

Answer: D) Flexible discs

16. Which type of gear will have more than one tooth in contact at the same time

- A) Rack and Pinion
- B) Spur bevel gear
- C) Helical gear
- D) Spur gear

Answer: C) Helical gear

17. What is the function of steering system?

- A) To increase the engine RPM
- B) To guide the vehicle
- C) To control the fuel system
- D) To control the braking system

Answer: B) To guide the vehicle

18. What is the advantage of mechanical actuated type clutches?

- A) Less pedal effort
- B) Smooth functioning

C) Easy to operate

D) Less maintenance and repair

Answer: D) Less maintenance and repair

19. Which part of heavy vehicle deals with static and dynamic loads without deflection or distortion?

- A) Chassis and frames
- B) Power trains
- C) Engine
- D) Control system

Answer: A) Chassis and frames

20. How to rectify the hard gear shifting?

- A) Re - install springs correctly
- B) Check and realign
- C) Lubricate the unit
- D) Adjust clutch pedal free play

Answer: D) Adjust clutch pedal free play
