

Monthly Test for the of sep 25

Q. ID: ITISKILL8373EV

September 2025

GOVT ITI KUKANOOR

Question Paper

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL8373EV

Student Name: _____ Roll No: _____

1. 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

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

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

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

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

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

3. Which part connects propeller shaft?

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

11. Which system deals with alternator?

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

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

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

12. Which system not connected with electrical system?

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

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

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

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

- A) Smooth functioning
B) Less maintenance and repair
C) Less pedal effort
D) Easy to operate

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

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

14. What causes noisy gear box in neutral position?

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

7. What is the necessity of square cut seals?

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

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

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

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

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

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

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

9. Which is noise free clutch?

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

- A) Fly wheel
B) Universal joint

C) Clutch shaft

D) Half shaft

18. How to rectify the hard gear shifting?

A) Adjust clutch pedal free play

B) Lubricate the unit

C) Re - install springs correctly

D) Check and realign

19. Which type of synchromesh gear box will produce torque

more than three times of other types?

A) Baulk type

B) Porche type

C) Multi and Double cone

D) Baulk ring type

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

A) Spur gear

B) Spur bevel gear

C) Rack and Pinion

D) Helical gear