

Duration: 30 Mins

Total Marks: 10

ID: ITISKILL0015NZ

Student Name: _____	Roll No: _____
---------------------	----------------

1. What is the main feature of hydraulic actuated clutches?

- |  |   |
|--|---|
| A) Pedal effort transmitted through fluid    | B) Pedal effort transmitted through linkage |
| C) Pedal effort transmitted through coupling | D) Pedal effort transmitted through spring  |

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

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

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

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

4. What is the working principle of clutch?

- |                |                  |
|----------------|------------------|
| A) Sliding     | B) Screw and Nut |
| C) Centripetal | D) Friction      |

5. Which type of gear box eliminates the defect of gear wheels move on the shaft to mesh with each other?

- |                          |                                 |
|--------------------------|---------------------------------|
| A) Synchronmesh gear box | B) Compound wheel mesh gear box |
| C) Sliding mesh gear box | D) Constant mesh gear box       |

6. What is the advantage of using single plate hydraulic clutch?

- |  |   |
|--|---|
| A) Reduce the wear on the clutch plate | B) Easy repair and maintenance              |
| C) Effective frictional force obtained | D) Minimize the force to operate the clutch |

7. Why synchronmesh action is needed in a gear box?

- |   |   |
|---|---|
| A) Provide noise in gear shifting           | B) Easy gear shifting when vehicle in motion      |
| C) Damage the gear teeth during gear change | D) Prevent cushioning effect during gear shifting |

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

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

9. Which type of drive line used in high gears and high speed applications?

- |                            |                           |
|----------------------------|---------------------------|
| A) All wheel drive line    | B) Front wheel drive line |
| C) Center wheel drive line | D) Rear wheel drive line  |

10. Which system not connected with electrical system?

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