

MONTHLY TEST

Q. ID: ITISKILL1350SR

December 2025

GOVERNMENT ITI KUKANOOR

Answer Key

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL1350SR

1. What is the working cycle of compression ignition engine?

- A) Diesel cycle
- B) Otto cycle
- C) Rankin cycle
- D) Sterling cycle

Answer: A) Diesel cycle

2. What is indicated horse power?

- A) Power developed in the wheel
- B) Power developed in the propeller shaft
- C) Power developed in the flywheel
- D) Power developed in the cylinder

Answer: D) Power developed in the cylinder

3. What is the process of driving exhaust gases in two stroke engine out of cylinder?

- A) Intaking
- B) Combustion
- C) Super charging
- D) Scavenging

Answer: D) Scavenging

4. How many crank shaft rotations required to get one power in four stroke single cylinder diesel engine?

- A) Two
- B) One
- C) Three
- D) Four

Answer: A) Two

5. Which engine has carburetor?

- A) Petrol
- B) Kerosene
- C) Mineral oil
- D) Diesel

Answer: A) Petrol

6. What is the purpose of valve in AC fuel pump?

- A) Creating suction
- B) Creating pressure
- C) Supply correct quantity of fuel
- D) Allow the fuel to suck and deliver

Answer: D) Allow the fuel to suck and deliver

7. Which is the starting system used in heavy vehicles?

- A) Hand cranking
- B) Gasoline engine cranking
- C) Electric motor cranking
- D) Compressed air cranking

Answer: C) Electric motor cranking

8. What is the mechanical efficiency of an engine?

- A) $(FHP/BHP) \times 100$
- B) $(BHP/FHP) \times 100$
- C) $(BHP/IHP) \times 100$
- D) $(IHP/BHP) \times 100$

Answer: C) $(BHP/IHP) \times 100$

9. Which year Hindustan motor established ambassador car industry in India?

- A) 1980
- B) 1940
- C) 1900
- D) 1900

Answer: A) 1980

10. Which engine has fuel injection pump?

- A) MPFI engine
- B) Diesel engine
- C) Petrol engine
- D) CRDI engine

Answer: B) Diesel engine