

ITI Quiz - 09-May-2026

07:05 PM

Q. ID: ITISKILL5349TP

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 23

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Student Name: _____ Roll No: _____

1. Which governor has fitted the control rack with diaphragm?

- A) Servo governor
- B) Pneumatic governor
- C) Centrifugal governor
- D) Mechanical governor

2. Which action the spindle only move up and down in feed pump?

- A) Partial action
- B) Idling action
- C) Normal action
- D) pumping action

3. Which part connected in between inlet manifold and low pressure chamber of pneumatic governor?

- A) Throttle lever
- B) Stop lever cable
- C) Vacuum tube
- D) Accelerator cable

4. How the quantity of fuel delivery vary in a running diesel engine?

- A) By control sleeve
- B) By control rack
- C) By injection
- D) By plunger

5. How much pressure develop the CRDI- diesel engine pump?

- A) 100 - 200 bar
- B) 200 - 600 bar
- C) 600 - 1000 bar
- D) 1000 - 1600 bar

6. Where is the pressure discharge valve is fitted in CRDI fuel system?

- A) Injectors
- B) Fuel pump
- C) Common rail
- D) Fuel filter

7. How much maximum fuel pressure developed in fuel injection pump?

- A) 200 to 300 Kgf/cm²
- B) 300 to 400 Kgf/cm²
- C) 400 to 700 Kgf/cm²
- D) 100 to 200 Kgf/cm²

8. Where is fuel injector fitted?

- A) Crank case
- B) Cylinder head
- C) Head cover
- D) Cylinder block

9. Which is leak proof between nozzle and nozzle body?

- A) Prevent dirty smoke
- B) Mirror polishing finish in nozzle and body
- C) Increase the power
- D) Easy starting

10. Which is develop diesel pressure in the CRDI engine?

- A) Fuel tank
- B) High pressure pump
- C) ECM
- D) Injection

11. What is the function of heater plug?

- A) Warm up valves
- B) Warm up combustion chamber
- C) Warm up fuel pump
- D) Warm up injector

12. How many fuel chamber's are in HEUI?

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

13. Where is the delivery pipe of fuel feed pump connected?

- A) Fuel injection pump
- B) Fuel gallery
- C) Fuel filter
- D) Fuel tank

14. When do we use the hand priming pump?

- A) Engine is at full speed
- B) Engine is at idling speed
- C) Engine is at rest
- D) Engine is at full load

15. How the CRDI injectors pressure control valve operated?

- A) Electronically
- B) Manually
- C) Hydraulic
- D) Mechanically

16. Where the fuel feed pump of a diesel engine usually mounted?

- A) Fuel injection pump
- B) Fuel Filter
- C) Fuel gallery
- D) Fuel injector

17. What is the defects of air lock in the fuel system?

- A) Hard running of the engine
- B) erratic running of the engine
- C) Continuous running of the engine
- D) Smooth running of the engine

18. Which valve is maintaining in the high pressure FIP pipe line?

- A) Barrel
- B) Delivery valve
- C) Plunger
- D) Control rack

19. What is the purpose of baffles in the fuel tank?

- A) To make square and lengthy fuel tank
- B) To make chambers in the fuel tank
- C) To minimize the slushing of fuel in the tank
- D) To strengthen the fuel tank

20. Which is the process of fuel bleeding system?

- A) Pump the air
- B) Remove the air
- C) Burn the air
- D) Pressurize the air

21. Which type of engine has common rail direct fuel injection system?

- A) Diesel engine
- B) Wankle engine
- C) Turbine engine
- D) Steam engine

22. Which fuel related with cetane number?

- A) Kerosene
- B) Petrol
- C) Diesel
- D) Coal

23. Which electronic device controls the engine system?

- A) Switch
 - B) Ecm
 - C) Fuse
 - D) Regulator
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