

ITI Quiz - 12-May-2026

06:50 PM

Q. ID: ITISKILL2866S6

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 23

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Student Name: _____ Roll No: _____

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

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

- A) 300 to 400 Kgf/cm²
- C) 200 to 300 Kgf/cm²

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

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

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

3. Which fuel related with cetane number?

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

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

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

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

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

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

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

7. Where is fuel injector fitted?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

15. Which electronic device controls the engine system?

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

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

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

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

- A) erratic running of the engine
- B) Hard running of the engine

- C) Smooth running of the engine D) Continuous running of the engine

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

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

19. How the CRDI injectors pressure control valve operated?

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

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

- A) Plunger B) Barrel

- C) Control rack D) Delivery valve

21. What is the function of heater plug?

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

22. When do we use the hand priming pump?

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

23. Which is the process of fuel bleeding system?

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