

Duration: 60 Mins**Total Marks: 23****Q.ID: ITISKILL0795YD**

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

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

Answer: C) Vacuum tube

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

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

Answer: A) Delivery valve

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

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

Answer: C) By control rack

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

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

Answer: B) High pressure pump

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

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

Answer: C) Fuel filter

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

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

Answer: A) Common rail

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

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

Answer: A) To minimize the slushing of fuel in the tank

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

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

Answer: B) Idling action

9. How the CRDI injectors pressure control valve operated?

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

Answer: B) Electronically

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

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

Answer: C) Fuel injection pump

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

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

Answer: D) Pneumatic governor

12. When do we use the hand priming pump?

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

Answer: D) Engine is at rest

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

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

Answer: B) 1000 - 1600 bar

14. Which electronic device controls the engine system?

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

Answer: A) Ecm

15. Which fuel related with cetane number?

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

Answer: C) Diesel

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

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

Answer: B) Diesel engine

17. Where is fuel injector fitted?

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

Answer: B) Cylinder head

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

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

Answer: A) Two

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

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

Answer: A) erratic running of the engine

20. What is the function of heater plug?

- A) Warm up injector
- B) Warm up combustion chamber

C) Warm up valves

D) Warm up fuel pump

Answer: B) Warm up combustion chamber

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

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

Answer: A) Mirror polishing finish in nozzle and body

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

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

Answer: C) 400 to 700 Kgf/cm²

23. Which is the process of fuel bleeding system?

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

Answer: D) Remove the air
