

**Student: manikanth kumbar**

**Score: 19/23 (82.61%)**

**Code: 0215**

1. 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 (Correct)**

2. Where is fuel injector fitted?

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

3. Which electronic device controls the engine system?

- A) Regulator  
 B) **Ecm (Correct)**  
 C) Fuse  
 D) Switch

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

- A) One  
 B) **Two (Correct)**  
 C) Three  
 D) Four

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

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

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

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

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

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

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

- A) Steam engine  
 B) **Diesel engine (Correct)**  
 C) Turbine engine  
 D) Wankle engine

9. How the CRDI injectors pressure control valve operated?

- A) Mechanically  
 B) **Electronically (Correct)**  
 C) Manually  
 D) Hydraulic

10. Where is the pressure discharge valve is fitted in CRDI

fuel system?

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

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

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

12. What is the function of heater plug?

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

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

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

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

- A) 100 to 200 Kgf/cm<sup>2</sup>  
 B) 200 to 300 Kgf/cm<sup>2</sup>  
 C) 300 to 400 Kgf/cm<sup>2</sup>  
**D) 400 to 700 Kgf/cm<sup>2</sup> (Correct)**

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

- A) Mechanical governor  
 B) **Pneumatic governor (Correct)**  
 C) Servo governor  
 D) Centrifugal governor

16. Which fuel related with cetane number?

- A) Petrol  
 B) **Diesel (Correct)**  
 C) Coal  
 D) Kerosene

17. Which is the process of fuel bleeding system?

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

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

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

19. When do we use the hand priming pump?

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

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

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

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

- A) To minimize the slushing of fuel in the tank (Correct)**  
B) To strengthen the fuel tank

- C) To make chambers in the fuel tank  
D) To make square and lengthy fuel tank

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

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

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

- A) Idling action**  
C) Normal action  
B) Partial action  
D) pumping action (Incorrect)