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Score: 17/23 (73.91%)

Code: 3633

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**
 B) Fuel pump
 C) Injectors
 D) Fuel filter (Incorrect)

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

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

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/cm²
 B) 200 to 300 Kgf/cm²
 C) 300 to 400 Kgf/cm²
D) 400 to 700 Kgf/cm² (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

C) Fuel gallery

D) Fuel injection pump
(Incorrect)

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

B) erratic running of the engine

C) Smooth running of the engine (Incorrect)

D) Continuous running of the engine

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

A) Idling action

B) Partial action

C) Normal action

D) pumping action
(Incorrect)