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Score: 15/50 (30.00%)

Code: 5413

1. When did first car rolled in the street of Calcutta?

- A) 1810
 B) **1887**
 C) 1910 (Incorrect)
 D) 1950

2. Which year Hindustan motor established ambassador car industry in India?

- A) 1900
 B) 1900
 C) 1940 (Incorrect)
 D) **1980**

3. Which type of brake used in heavy vehicle parking?

- A) Hydraulic (Incorrect)
 B) **Mechanical**
 C) Electrical brake
 D) Pneumatic brake

4. Which ministry of India regulate the motor vehicle activity?

- A) Minister of finance
 B) Minister of defence
 C) Minister of rural and development (Incorrect)
 D) **Minister of road transport and highways**

5. Which service equipment is used to lift a car?

- A) Arbor press (Incorrect)
 B) Hydraulic valve
 C) **Hydraulic hoist**
 D) Hydraulic press

6. Which equipment used for quick inspection under chassis of a car?

- A) Stand
 B) Screw jack (Incorrect)
 C) **Trolley jack**
 D) Two post hoist

7. Where the emulsion tube is provided in solex carburetor?

- A) Choke (Incorrect)
 B) Idle jet
 C) **Main jet**
 D) Cold starter

8. What is the specification of 6J x 15?

- A) Tyre size
 B) Engine size (Incorrect)
 C) Vehicle size
 D) **Wheel rim size**

9. Which digit indicate the engine type in 17 digit of win number?

- A) 2 digit
 B) 3 digit
 C) 5 digit (Incorrect)
 D) **8 digit**

10. How the amount of work done in a specification is called?

- A) Torque
 B) **Power (Correct)**
 C) Stroke length
 D) Cycle

11. Which engine has more length?

- A) **Opposed engine**
 B) 'V' engine
 C) Inline engine (Incorrect)
 D) Radial engine

12. Which is the engine having cylinders in 180 Degree?

- A) Inline engine
 B) V- engine
 C) **Opposed engine**
 D) Radial engine (Incorrect)

13. How can identify a four stroke engine?

- A) **Valves (Correct)**
 B) Ports
 C) Cavities
 D) Passages

14. What is the working cycle of compression ignition engine?

- A) **Diesel cycle (Correct)**
 B) Otto cycle
 C) Sterling cycle
 D) Rankin cycle

15. How the ports are opened and closed in two stroke engine?

- A) Movement of valve
 B) Movement of Rocker arm
 C) **Movement of piston**
 D) Movement piston pin (Incorrect)

16. How many crank shaft rotation required to open exhaust valve one time in four stoke engine?

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

17. What is the volume of the space above the piston at TDC?

- A) Swept volume
 B) **Clearance volume (Correct)**
 C) Total volume
 D) Displace volume

18. How many times, ports are open in two rotation of crank shaft in two stroke engine?

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

19. Where is the air fuel mixture compressed in the two stroke petrol engine?

- A) Intake port
 B) Exhaust port
 C) Transfer port
 D) **Combustion chamber (Correct)**

C) AC fuel pump pressure
(Incorrect)

D) Carburettor air-horn
pressure

41. How the AC mechanical pump's fuel
delivery pressure is determined?

A) Spring pressure on
diaphragm

**B) Maximum stroke of
diaphragm (Correct)**

C) Size of the pumping
chamber

D) Maximum deflection of
diaphragm

42. What is the purpose of needle valve in carburetor?

A) Decrease the fuel pressure

B) Excess supply of fuel at
idle

**C) Always holds correct
level of fuel**

D) Controls the air flow of
the engine (Incorrect)

43. What is the purpose of throttle valve in the carburetor?

A) Filter the fuel

B) Always holds correct fuel

C) Excess supply of fuel at
idle

**D) Controls air fuel mixture
into the engine (Correct)**

44. What is the purpose of accelerating pump circuit?

A) Provides an economic
mixture

B) Provides mixture for low
speed (Incorrect)

C) Provides mixture for idle
speed

**D) Provides extra fuel
during pick up speed**

45. Which device is vaporizing of fuel and mixing it with air in
petrol engine?

A) Tank

B) Fuel filter (Incorrect)

C) Carburetor

D) AC fuel pump

46. Which of the following fuel quality determines burning
property of petrol?

A) Volatility (Incorrect)

B) Viscosity

C) Cetane number

D) Octane number

47. Which of the following fuel quality determines burning
property of diesel?

A) Volatility (Incorrect)

B) Viscosity

C) Cetane number

D) Octane number

48. Which of the following fuel quality determines to
evaporate?

A) Volatility

B) Viscosity

C) Cetane number (Incorrect)

D) Octane number

49. Which of the following fuel quality determines fuel to
flow?

A) Volatility

B) Viscosity (Correct)

C) Cetane number

D) Octane number

50. Which association of india is playing crucial role in less
pollution?

A) AAI (Automobile
Association of India)

B) AIA (Automotive industry
Association)

C) AASI (Automobile
Association of South India)

**D) ARAI (Automotive
research association of
India) (Correct)**