

Loyola pvt ITI Vijayapur

ITI Quiz - 04-Feb-2026 02:35 PM

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42.00% 21 / 50

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Attempt No.	#1	Completion Time	03:40 PM
Rank	#26	Total Questions	50

21 SCORE

50 MAX MARKS

21 CORRECT

29 INCORRECT

Answer Review

Q1 CORRECT When did first car rolled in the street of Calcutta?

A. 1810

B. 1887 ☒

C. 1910

D. 1950

Q2 CORRECT Which year Hindustan motor established ambassador car industry in India?

A. 1900

B. 1900

C. 1940

D. 1980 ☒

Q3 **INCORRECT** Which type of brake used in heavy vehicle parking?

A. Hydraulic

B. Mechanical ☐

C. Electrical brake

D. Pneumatic brake ☐

Q4 **INCORRECT** Which ministry of India regulate the motor vehicle activity?

A. Minister of finance

B. Minister of defence ☐

C. Minister of rural and development

D. Minister of road transport and highways ☐

Q5 **CORRECT** Which service equipment is used to lift a car?

A. Arbor press

B. Hydraulic valve

C. Hydraulic hoist ☐

D. Hydraulic press

Q6 **INCORRECT** Which equipment used for quick inspection under chassis of a car?

A. Stand

B. Screw jack

C. Trolley jack ☐

D. Two post hoist ☐

Q7 **INCORRECT** Where the emulsion tube is provided in solex carburetor?

A. Choke

B. Idle jet

C. Main jet ☒

D. Cold starter ☐

Q8 **CORRECT** What is the specification of 6J x 15?

A. Tyre size

B. Engine size

C. Vehicle size

D. Wheel rim size ☒

Q9 **CORRECT** Which digit indicate the engine type in 17 digit of vin number?

A. 2 digit

B. 3 digit

C. 5 digit

D. 8 digit ☒

Q10 **INCORRECT** How the amount of work done in a specification is called?

A. Torque

B. Power ☒

C. Stroke length

D. Cycle ☐

Q11 **INCORRECT** Which engine has more length?

A. Opposed engine ☐

B. 'V' engine

C. Inline engine ☐

D. Radial engine

Q12 **INCORRECT** Which is the engine having cylinders in 180 Degree?

A. Inline engine

B. V- engine

C. Opposed engine ☐

D. Radial engine ☐

Q13 **INCORRECT** How can identify a four stroke engine?

A. Valves ☐

B. Ports

C. Cavities ☐

D. Passages

Q14 **CORRECT** What is the working cycle of compression ignition engine?

A. Diesel cycle ☐

B. Otto cycle

C. Sterling cycle

D. Rankin cycle

Q15 **CORRECT** 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

Q16 **CORRECT** How many crank shaft rotation required to open exhaust valve one time in four stroke engine?

- A. One
- B. Two ☒
- C. Three
- D. Four

Q17 **CORRECT** What is the volume of the space above the piston at TDC?

- A. Swept volume
- B. Clearance volume ☒
- C. Total volume
- D. Displace volume

Q18 **INCORRECT** How many times, ports are open in two rotation of crank shaft in two stroke engine?

- A. One time ☐
- B. Two times ☒
- C. Three times
- D. Four times

Q19 **INCORRECT** 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 ☒

Q20 **INCORRECT** How many crank shaft rotations required to get one power in four stroke single cylinder diesel engine?

A. One ☐

B. Two ☒

C. Three

D. Four

Q21 **CORRECT** What is the angle of throw for 4 cylinder engine?

A. 60 Degree

B. 90 Degree

C. 120 Degree

D. 180 Degree ☒

Q22 **INCORRECT** Which is used to determine the stroke of an engine?

A. Cycle ☐

B. Throw ☒

C. Dia of piston

D. Length of connecting rod

Q23 **CORRECT** How the set of operations performed in sequence of motion of the piston in an engine produce power is called?

A. Cycle ☒

B. Stroke

C. Stroke

D. Efficiency

Q24 **CORRECT** Which is the compression pressure of C.I engine?

A. 90 to 160 psi

B. 180 to 280 psi

C. 290 to 390 psi

D. 400 to 550 psi ☒

Q25 **CORRECT** Which is the engine called as constant volume cycle?

A. S.I engine ☒

B. C.I engine

C. Turbine engine

D. Steam engine

Q26 **CORRECT** A cycle consisting of one constant pressure, one constant volume and two isentropic processes is known as

A. Constant volume

B. Constant pressure

C. Diesel Cycle ☒

D. Isothermal

Q27 **INCORRECT** A cycle consisting of one constant pressure, one constant volume and two isentropic processes is known as

A. Constant volume ☐

B. Constant pressure

C. Diesel Cycle ☒

D. Isothermal

Q28 **INCORRECT** How can identify a two stroke engine?

A. Valves

B. Ports ☒

C. Cavities ☐

D. Passages

Q29 **CORRECT** What is the compression ratio of an engine, its clearance volume is 10 c.c and swept volume is 90 c.c?

A. 08:01

B. 09:01

C. 10:01 ☒

D. 11:01

Q30 **INCORRECT** Which is the power developed in an engine?

A. BHP

B. IHP ☒

C. IHP ☐

D. RHP

Q31 **INCORRECT** What is the stroke length of the engine if its throw of the crankshaft is 40 mm?

A. 20 mm ☐

B. 40 mm ☐

C. 60 mm ☐

D. 80 mm ☒

Q32 **INCORRECT** When the valve clearance to be adjusted?

A. Fully closed ☐

B. Partially closed ☐

C. Fully opened ☐

D. Just opened ☒

Q33 **INCORRECT** Which is the starting system used in heavy vehicles?

A. Electric motor cranking ☒

B. Hand cranking ☐

C. Gasoline engine cranking ☐

D. Compressed air cranking ☐

Q34 **INCORRECT** Which engine has fuel injection pump?

A. Petrol engine ☐

B. Diesel engine ☒

C. CRDI engine ☐

D. MPFI engine ☐

Q35 **INCORRECT** Which engine has carburetor?

A. Petrol ☐

B. Diesel ☐

C. Kerosene

D. Mineral oil

Q36 **INCORRECT** What is the mechanical efficiency of an engine?

A. $(\text{BHP}/\text{IHP}) \times 100$ ☐

B. $(\text{BHP}/\text{FHP}) \times 100$

C. $(\text{IHP}/\text{BHP}) \times 100$ ☐

D. $(\text{FHP}/\text{BHP}) \times 100$

Q37 **INCORRECT** What is the process of driving exhaust gases in two stroke engine out of cylinder?

A. Combustion

B. Super charging ☐

C. Scavenging ☐

D. Intaking

Q38 **INCORRECT** Why suction tube in the tank is raised above?

A. To enter air ☐

B. To avoid suction of water in fuel ☐

C. To enter condensed water

D. To act atmospheric pressure

Q39 **INCORRECT** What is the purpose of valve in AC fuel pump?

- A. Creating suction ☐
- B. Creating pressure
- C. Supply correct quantity of fuel
- D. Allow the fuel to suck and deliver ☒

Q40 **INCORRECT** Which causes the air enter into cylinder?

- A. Air filtering ☐
- B. Engine vacuum ☒
- C. AC fuel pump pressure
- D. Carburettor air-horn pressure

Q41 **CORRECT** How the AC mechanical pump's fuel delivery pressure is determined?

- A. Spring pressure on diaphragm
- B. Maximum stroke of diaphragm ☒
- C. Size of the pumping chamber
- D. Maximum deflection of diaphragm

Q42 **INCORRECT** 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 ☐

Q43 **CORRECT** 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 ☒

Q44 **CORRECT** What is the purpose of accelerating pump circuit?

- A. Provides an economic mixture
- B. Provides mixture for low speed
- C. Provides mixture for idle speed
- D. Provides extra fuel during pick up speed ☒

Q45 **INCORRECT** Which device is vaporizing of fuel and mixing it with air in petrol engine?

- A. Tank
- B. Fuel filter
- C. Carburetor ☒
- D. AC fuel pump ☐

Q46 **CORRECT** Which of the following fuel quality determines burning property of petrol?

- A. Volatility
- B. Viscosity
- C. Cetane number
- D. Octane number ☒

Q47 **CORRECT** Which of the following fuel quality determines burning property of diesel?

A. Volatility

B. Viscosity

C. Cetane number ☒

D. Octane number

Q48 **INCORRECT** Which of the following fuel quality determines to evaporate?

A. Volatility ☒

B. Viscosity

C. Cetane number ☐

D. Octane number

Q49 **CORRECT** Which of the following fuel quality determines fuel to flow?

A. Volatility

B. Viscosity ☒

C. Cetane number

D. Octane number

Q50 **INCORRECT** 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 if South India)

D. ARAI (Automotive research association of India) ☒