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Score: 16/50 (32.00%)

Code: 0251

1. In which type of cooling system used fins on the cylinder head?

- A) Oil cooling
B) Water cooling
C) Liquid cooling
D) Air cooling (Correct)

2. In which types of cooling systems rate of cooling is very low?

- A) Thermo siphon system (Correct)**
B) Air cooling system
C) Forced feed system
D) Pump circulation system

3. Which part prevent leakage of water in the water pump?

- A) Impeller
B) Bearing
C) Seal
D) Pulley (Incorrect)

4. Where is the thermostat valve fitted in pressurised cooling system?

- A) Water outlet of water pump
B) Water outlet of radiator
C) Water outlet of water jacket (Incorrect)
D) Water outlet of cylinder head

5. Which type of lubrication system used in two stroke engine?

- A) Dry sump lubrication
B) Wet sump lubrication
C) Petrol-oil lubrication (Correct)
D) Splash lubrication

6. Which part of the crank shaft flow oil to crank pin?

- A) Crank web
B) Crank shaft thrust bearing
C) Crank shaft main journal
D) Crank pulley (Incorrect)

7. Which device suckes oil from oil sump?

- A) Strainer
B) Suction pipe
C) Pump (Correct)
D) Filter

8. How the water circulation is obtained in thermosyphon system?

- A) By forced feed of water
B) By density of water of hot and cold water
C) By gravity of water
D) By water jackets (Incorrect)

9. What is the effect of the water level falls down in thermo syphon system?

- A) Circulation continue (Incorrect)
B) Circulation low
C) Circulation discontinue
D) Circulation high

10. How the water pump get drive in pump circulation cooling system?

- A) By belt (Correct)**
B) By gear
C) By chain
D) By coupling

11. Which condition thermostat valve open?

- A) Low temperature of engine
B) High temperature of engine
C) Operating temperature of engine
D) Freezing temperature of engine (Incorrect)

12. What is the main purpose of the lubricant?

- A) Minimise the friction**
B) Increase the friction (Incorrect)
C) Increase the wearness
D) Increase the noise

13. How to check the damaged radiator core tubes?

- A) Check visually**
B) Check with special tools
C) Check with computer
D) Check with bore dial gauge (Incorrect)

14. What is the material of cylinder block?

- A) Cast iron (Correct)**
B) Bronze
C) Brass
D) Zinc alloy

15. What is the material of piston pins?

- A) Nickel chromium steel (Correct)**
B) Cast iron
C) HSS
D) Bronze

16. What is the material used to produce crank shaft?

- A) Chromium vanadium nickel steel (Correct)**
B) High speed steel
C) Cast iron
D) Wrought iron

17. Which tool used to remove the crank shaft pulley?

- A) Double end spanner
B) Ring spanner
C) Pipe wrench (Incorrect)
D) Puller

18. What is the material of inlet valve?

A) Nickel steel alloy C) Copper alloy	B) Aluminium alloy <u>D) Chromium alloy</u> (Incorrect) C) Horn points D) Ground plate (Correct)
19. What is the type of hardening done on crank shaft? A) Induction hardening C) Flame hardening	B) Case hardening <u>D) Surface hardening</u> (Incorrect) 29. What is the energy conversion of battery during discharge? A) Electrical energy into heat energy <u>C) Electrical energy into chemical energy</u> (Incorrect) B) Chemical energy into electrical energy D) Electrical energy into mechanical energy
20. What is the load taken by taper roller bearing? A) Radial load <u>C) Thrust load</u> (Incorrect)	B) Axial load D) Radial and axial load 30. What is the material of positive plate in the lead acid battery? A) Tin <u>C) Antimony</u> (Incorrect) B) Lead peroxide D) Spongy lead
21. Where the bush bearing preferred? A) Connecting rods (Correct) C) Differential and wheel hub	B) Fly wheel and water pumps D) Gear boxes 31. Which acid is used in the lead acid battery? <u>A) Nitric acid</u> (Incorrect) C) Hydro bromic acid B) Sulphuric acid D) Hydro chloric acid
22. Which is the engine having cylinders in 90 Degree each of 4 cylinders? A) Inline Engine C) Opposed engine	<u>B) V-Engine</u> (Incorrect) D) Radial engine 32. What is the specific gravity of fully charged battery? A) 1.170 - 1.200 <u>C) 1.240 - 1.250</u> (Incorrect) B) 1.210 - 1.230 D) 1.260 - 1.280
23. Which is the engine also called as constant pressure cycle engine? <u>A) Otto cycle</u> (Incorrect) C) Dual cycle	B) Diesel cycle D) Rankave cycle 33. Which nut is used for structural and machine tool construction? <u>A) Square nut</u> (Incorrect) C) Wing nut B) Hexagonal nut D) Castle nut
24. How the piston stroke is defined as? A) Double the throw C) Equal to the throw	B) Half of the throw <u>D) 4 times of throw</u> (Incorrect) 34. Which type of portable drilling machine have variable speed? A) Breast hand drill C) Ratchet hand drill B) Heavy duty electric hard drill <u>D) Bevel gear hand drill</u> (Incorrect)
25. What is the use of bourdon gauge? A) To measure pressure <u>C) To measure volume</u> (Incorrect)	B) To measure temperature D) To measure heat 35. What is the material of the hand tap? <u>A) Cast Iron</u> (Incorrect) C) High speed steel B) Low carbon steel D) Stainless steel
26. Which is the most preferred staring system in LMV? A) Hand cranking C) Gasoline engine cranking	<u>B) Compressed air cranking</u> (Incorrect) D) Electric motor cranking 36. What is the material generally used for manufacturing inlet manifold? A) Aluminium alloy (Correct) C) Steel B) Copper D) Plastic
27. Which is measured by ammeter in an electrical circuit? A) Power C) Current	B) Voltage <u>D) Resistances</u> (Incorrect) 37. What material is used for manufacturing exhaust manifold? A) Cast iron C) Copper <u>B) Aluminium alloy</u> (Incorrect) D) Steel
28. Which part is connected and complete the Horn circuit of the push button pressed? A) Core	B) Tone disc 38. Which part ensures uniform pressure on the measuring

faces in the outside micrometer?

- A) Barrel
- B) Spindle
- C) Thimble
- D) Ratchet stop (Correct)**

39. Which material used in the outside micrometer anvil?

- A) Brass
- B) Bronze (Incorrect)
- C) Carbon
- D) Carbide**

40. What is the value of one thimble division reading in outside micrometer?

- A) 0.05 mm
- B) 0.01 mm**
- C) 0.02 mm
- D) 0.03 mm (Incorrect)

41. Which instrument is used to check the end-play of crank shaft?

- A) Dial test indicator (Correct)**
- B) Telescopic gauge
- C) Bore dial gauge
- D) Slip gauge

42. Which marking media is used on the rough surfaces?

- A) White wash**
- B) Prussian blue
- C) Copper Sulphate (Incorrect)
- D) Cellulose lacquer

43. Which marking device used to scribe circle?

- A) Jenny caliper
- B) Inside caliper
- C) Spring divider (Correct)**
- D) Out side caliper

44. Which type of occupational health hazards involves 'Toxic'?

- A) Physical hazard
- B) Chemical hazard (Correct)**

C) Biological hazard

D) Mechanical hazard

45. Which is the motive of occupational health and safety?

- A) Decrease employee morale
- B) Decreasing the quality
- C) Reducing absentism (Correct)**
- D) Minimising productivity

46. Which is the occupational mechanical hazard?

- A) Sickness
- B) Current leakage (Incorrect)
- C) Unguarded machinery**
- D) Wrong layout of machinery

47. Which is the Biological hazard?

- A) Smoking
- B) Sickness
- C) Infection**
- D) Poor discipline (Incorrect)

48. Which fire extinguisher used for flammable liquid fires?

- A) Halon extinguisher
- B) Dry powder extinguisher**
- C) CTC extinguisher (Incorrect)
- D) Water extinguisher

49. What is indicate 2498 CC in vehicle specification?

- A) Engine capacity**
- B) Full tank capacity
- C) Single bore capacity
- D) Master cylinder capacity (Incorrect)

50. Which type of service equipment used to hold the lifted vehicle for a long period?

- A) Hoist**
- B) Jack stand (Incorrect)
- C) Arbor press
- D) Hydraulic jack