ITI Quiz - 05-Mar-2026 10:43 AM

Q. ID: ITISKILL0812DH

March 2026 | **Loyola pvt ITI Vijayapur** | Question Paper

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Score: 15/38 (39.47%)

Code: 2767

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

A) Chromium vanadium nickel steel | B) High speed steel (Incorrect)
C) Cast iron | D) Wrought iron

2. What is the material of piston pins?

A) Nickel chromium steel | B) Cast iron
C) HSS | D) Bronze (Incorrect)

3. What is the name the portion below the piston boss?

A) Land of the piston | B) Ring section of the piston
C) Crown of the piston | **D) Skirt of the piston (Correct)**

4. What type of bearing fitted in the connecting rod big end?

A) Needle bearing | B) Ball bearing
C) Taper roller bearing (Incorrect) | **D) Shell bearing**

5. Which part connect the piston with connecting rod?

A) Piston pin (Correct) | B) Spilt pin
C) Crank pin | D) Cotter pin

6. Which part is connect the piston with crank pin?

A) Push rod | **B) Connecting rod (Correct)**
C) Cam Shaft | D) Crank Shaft

7. Which tool used to remove the crank shaft pully?

A) Double and spanner | B) Ring spanner
C) Pipe wrench | **D) Puller (Correct)**

8. Which tool is used to measure the diameter of the crank shaft main journal?

A) Inside micrometer | **B) Outside micrometer (Correct)**
C) Three point internal micrometer | D) Master ring gauge

9. What is the material for cam shaft?

A) Forged alloy steel | B) Copper alloy
C) Aluminium alloy (Incorrect) | D) Zinc alloy

10. Which tool is required to remove the valves?

A) Torque wrench | **B) Valve spring lifter**
C) Box spanner (Incorrect) | D) Scraper

11. Which instrument is used to check the vacuum of the cylinder?

A) Compression gauge | B) Dial gauge (Incorrect)
C) Vacuum gauge | D) Wire gauge

12. Which measuring instrument used to check the fly wheel face out?

A) Dial indicator (Correct) | B) Compression gauge
C) Outside micrometer | D) Feeler gauge

13. Which is the most preferred use of taper roller bearings?

A) Gear boxes | B) Fly wheel and water pump
C) Differential and wheel hub | D) Connecting rods (Incorrect)

14. What is the property of a bearing helps to with stand metal to metal contact?

A) Surface action (Correct) | B) Thermal conductivity
C) Fatique strength | D) Embeddability

15. Which is the most preferred use of roller bearings?

A) Gear boxes | B) Fly wheel (Incorrect)
C) Differential | D) Connecting rods

16. Which is connected with pison through piston pin?

A) Gudgeon pin | **B) Connecting rod (Correct)**
C) Cam shaft | D) Rocker arm

17. Which is the key element in converting reciprocating motion in to rotary motion?

A) Connecting rod | B) Gudgeon pin
C) King pin | D) Cam shaft (Incorrect)

18. Which is transferring energy for the piston to crankshaft?

A) Gudgeon pin (Incorrect) | B) King pin
C) Connecting rod | D) Cam shaft

19. Which is the load taken by the roller bearing?

A) Radial load B) Axial load

C) Thrust load D) Radial and axial load (Incorrect)

20. What is the load taken by taper roller bearing?

A) Radial load **B) Axial and radial load**

C) Thrust load D) Radial and axial load (Incorrect)

21. Which is the bearing used in differential and wheel of a heavy vehicles?

A) Ball bearing (Incorrect) B) Roller bearing

C) Needle bearing **D) Taper roller bearing**

22. Which is the bearing used in water pump?

A) Ball bearing B) Roller bearing

C) Needle bearing D) Taper roller bearing (Incorrect)

23. Which is the bearing used in gear boxes?

A) Ball bearing B) Roller bearing (Incorrect)

C) Needle bearing D) Taper roller bearing

24. Which is the most preferred use of bush bearings?

A) Connecting rods **B) Fly wheel**

C) Crank shaft D) Oil pumps (Incorrect)

25. Where is the compression ring is fitted in the piston?

A) Compression ring above the oil ring in the piston (Correct) B) Compression ring bottom of the piston skirt

C) Compression ring between oil ring and piston pin D) Compression ring between piston pin and bottom of skirt

26. Which tool is used to remove the piston ring?

A) Drift punch **B) Ring expander**

C) Circlip plier D) 'C' clamp (Incorrect)

27. What is the purpose of the timing chain?

A) To connect water pump pulley B) To connect alternator

C) To connect crank or cam shaft gear (Correct) D) To connect A/C compressor

28. What is the purpose of the fly wheel timing mark?

A) To coincide the gears (Incorrect) **B) To set the engine timing**

C) To set the F.I.P timing D) To set the valve clearance

29. Where the fly wheel is fitted in the engine?

A) Cam shaft (Incorrect) **B) Crank shaft**

C) Rocker arm shaft D) Primary shaft

30. What is the speed ratio cam shaft to crank shaft?

A) Half (Correct) B) Equal

C) Double D) Triple

31. When it is required to coincide the mark with timing gears?

A) During assembling water pump B) During assembling oil pump (Incorrect)

C) During assembling cam shaft D) During assembling radiator

32. Which instrument is used to check the tappet clearance?

A) Telescopic gauge B) Screw pitch gauge

C) Feeler gauge (Correct) D) Wire gauge

33. Which gauge used to measure the cylinder bore wearness?

A) Compression gauge B) Vacuum gauge

C) Dial gauge (Correct) D) Depth gauge

34. What is the property allows a bearing to with stand impact load for a reasonable time?

A) Fatigue strength B) Tensile strength

C) Toughness (Incorrect) D) Hardness

35. What is the property of bearing helps to absorb dirt and metal particles?

A) Conformability **B) Embedability**

C) Surface action (Incorrect) D) Thermal conductivity

36. What is the cause of excessive loading?

A) Fatigue failure B) Bearing spread

C) Bearing crush D) Bearing struck (Incorrect)

37. What is the cause for uneven wear of bearings?

A) Bend twist (Correct) B) Excessive lubrication

C) No lubrication D) Over heat

38. What is ovality of a crank shaft?

A) Difference in dia measured from top to bottom of a crank shaft outer dia **B) Difference in dia measured thrust to non thrust across dia (Correct)**

C) Difference in dia measured only at top D) Difference in dia measured only at bottom