

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL13708Q

1. Which is connected with piston through piston pin?

- A) Connecting rod B) Gudgeon pin
C) Cam shaft D) Rocker arm

Answer: A) Connecting rod

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

- A) Connecting rod B) Gudgeon pin
C) Cam shaft D) King pin

Answer: A) Connecting rod

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

- A) Wire gauge B) Feeler gauge
C) Pitch gauge D) Depth gauge

Answer: B) Feeler gauge

4. What is the type of hardening done on crank shaft?

- A) Surface hardening B) Induction hardening
C) Case hardening D) Flame hardening

Answer: B) Induction hardening

5. What is the cause for double knock in the piston?

- A) Piston wormout B) Liner wormout
C) Piston pin and boss wormout D) Piston ring wormout

Answer: C) Piston pin and boss wormout

6. What is the purpose of the timing chain?

- A) To connect crank and cam shaft gear B) To connect A/C compressor
C) To connect water pump pulley D) To connect alternator pulley

Answer: A) To connect crank and cam shaft gear

7. What is the material of cylinder block?

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

Answer: C) Cast iron

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

- A) Three point internal micrometer B) Inside micrometer
C) Outside micrometer D) Master ring gauge

Answer: C) Outside micrometer

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

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

Answer: B) Puller

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

- A) Compression gauge B) Outside micrometer
C) Feeler gauge D) Dial indicator

Answer: D) Dial indicator

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

- A) Ball bearing B) Needle bearing
C) Taper roller bearing D) Shell bearing

Answer: D) Shell bearing

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

- A) During assembling cam shaft B) During assembling oil pump
C) During assembling water pump D) During assembling radiator

Answer: A) During assembling cam shaft

13. What is the first step in removal method of fly wheel?

- A) Remove the fly wheel ring B) Unlock the lock plate/wire
C) Unscrew the fastening bolts D) Lock the fly wheel with wooden piece

Answer: B) Unlock the lock plate/wire

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

- A) Land of the piston B) Ring section of the piston
C) Skirt of the piston D) Crown of the piston

Answer: C) Skirt of the piston

15. Which load taken by the roller bearing?

- A) Radial and axial load B) Radial load
C) Thrust load D) Axial load

Answer: A) Radial and axial load

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

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

Answer: B) Chromium vanadium nickel steel

17. What is ovality of a bore?

- A) Difference in dia measured only at bottom B) Difference in dia measured only at top
C) Difference in dia measured top to bottom D) Difference in dia thrust to non thrust side of cylinder

Answer: D) Difference in dia thrust to non thrust side of cylinder

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

- A) Above the oil ring in piston B) Bottom of the piston skirt
C) Piston between oil ring and piston pin D) Connecting rod between piston pin and bottom of skirt

Answer: A) Above the oil ring in piston

19. Which is the drive source of a cam shaft?

- A) Fly wheel B) Crank Shaft
C) Self motor D) Gear box

Answer: B) Crank Shaft

20. What is the term used to refer when a valve closes after BDC?

- A) Lag B) Lead
C) Advance D) Over lap

Answer: A) Lag

21. Which valve allows one direction flow only?

- A) Sleeve valve B) Poppet valve
C) Reed valve D) Rotary valve

Answer: C) Reed valve

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

- A) Taper roller bearing B) Roller bearing
C) Needle bearing D) Ball bearing

Answer: A) Taper roller bearing

23. Which tool is required to remove the valves?

- A) Scraper B) Torque wrench
C) Box spanner D) Valve spring lifter

Answer: D) Valve spring lifter

24. What is the term used to refer when both valves open position?

- A) Lang B) Advance
C) Lead D) Overlap

Answer: D) Overlap

25. Which bearing used in gear boxes?

- A) Roller bearing B) Ball bearing
C) Needle bearing D) Taper roller bearing

Answer: B) Ball bearing