

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL9559XY

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

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

Answer: B) Chromium vanadium nickel steel

2. Which load taken by the roller bearing?

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

Answer: B) Radial and axial load

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

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

Answer: C) Overlap

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

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

Answer: C) Feeler gauge

5. Which valve allows one direction flow only?

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

Answer: C) Reed valve

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

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

Answer: C) Skirt of the piston

7. Which bearing used in gear boxes?

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

Answer: D) Ball bearing

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

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

Answer: C) Above the oil ring in piston

9. 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

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

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

Answer: C) Connecting rod

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

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

Answer: D) Unlock the lock plate/wire

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

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

Answer: C) Taper roller bearing

13. What is the material of cylinder block?

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

Answer: C) Cast iron

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

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

Answer: B) Puller

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

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

Answer: A) Induction hardening

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

- A) Lead B) Over lap

