

Duration: 30 Mins

Total Marks: 20

Q.ID: ITISKILL2350YI

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

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

Answer: D) Crank Shaft

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

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

Answer: C) Puller

3. 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

4. What is the material of piston pins?

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

Answer: C) Nickel chromium steel

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

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

Answer: D) Unlock the lock plate/wire

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

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

Answer: B) Piston pin and boss wormout

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

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

Answer: D) Dial indicator

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

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

Answer: D) Connecting rod

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

- A) To set the engine timing B) To set the F.I.P timing
C) To coincide the gears D) To set the valve clearance

Answer: A) To set the engine timing

10. What is the material of inlet valve?

- A) Chromium alloy B) Aluminium alloy
C) Nickel steel alloy D) Copper alloy

Answer: C) Nickel steel alloy

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

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

Answer: D) Skirt of the piston

12. Which gauge used to measure the cylinder bore weariness?

- A) Compression gauge B) Depth gauge
C) Vacuum gauge D) Dial gauge

Answer: D) Dial gauge

13. What is ovality of a bore?

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

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

14. Which is connected with piston through piston pin?

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

Answer: D) Connecting rod

15. What is the measuring instrument used to find the diameter of piston

- A) Three point internal micrometer B) Outside micrometer
C) Inside micrometer D) Depth micrometer

Answer: B) Outside micrometer

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

A) Lang

B) Advance

C) Lead

D) Overlap

Answer: D) Overlap

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

A) Outside micrometer

B) Three point internal micrometer

C) Master ring gauge

D) Inside micrometer

Answer: A) Outside micrometer

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

A) Roller bearing

B) Ball bearing

C) Taper roller bearing

D) Needle bearing

Answer: C) Taper roller bearing

19. Which bearing used in gear boxes?

A) Needle bearing

B) Roller bearing

C) Ball bearing

D) Taper roller bearing

Answer: C) Ball bearing

20. Which is used to convert rotary into reciprocating motion?

A) Rocker arm

B) Main shaft

C) Cam Shaft

D) Connecting rod

Answer: C) Cam Shaft