

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL2350YI

Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

5. What is the material of inlet valve?

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

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

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

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

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

8. Which bearing used in gear boxes?

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

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

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

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

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

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

- A) Connecting rod
B) Rocker arm
C) Cam Shaft
D) Main shaft

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

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

13. Which is connected with piston through piston pin?

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

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

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

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

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

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

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

17. What is the material of piston pins?

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

18. What is ovality of a bore?

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

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

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

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

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