Monthly test jan 26

January 2026

Govt.ITI Bidkalkatte

Question Paper

Duration: 60 Mins **Total Marks: 20** **ID: ITISKILL39604G**

Student Name: _____ Roll No: _____

1. What is the reason for corrosion of bearing?

A) Over loaded
B) Water mixed with lubricant
C) Over heated
D) Less clearance

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

A) Cam shaft
B) Crank shaft
C) Primary shaft
D) Rocker arm shaft

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

A) Equal
B) Double
C) Triple
D) Half

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

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

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

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

6. 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

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

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

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

A) 'C' clamp
B) Ring expander
C) Circlip plier
D) Drift punch

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

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

10. Which is the bearing used in water pump?

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

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

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

12. 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

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

A) Fatigue strength
B) Tensile strength
C) Toughness
D) Hardness

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

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

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

A) Induction hardening
B) Surface hardening
C) Curve hardening
D) Case hardening

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

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

17. What is ovality of a crank shaft?

A) Difference in dia measured thrust to non thrust across dia
B) Difference in dia measured only at top
C) Difference in dia measured only at bottom
D) Difference in dia measured from top to bottom of a crank shaft outer dia

18. What is the cause of excessive loading?

A) Bearing crush
B) Fatigue failure
C) Bearing spread
D) Bearing struck

19. What is the material of cylinder block?

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

20. Which tool is required to remove the valves?

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