

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL1874IC

Student Name: _____ Roll No: _____

1. Which condition the tyre pressure not to be checked?

- A) Tyre is hot after long run B) Tyre is cold
C) Tyre is carrying load D) Before start of journey

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

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

3. Which marking device used to scribe circle?

- A) Out side caliper B) Jenny caliper
C) Inside caliper D) Spring divider

4. Which bearing used in gear boxes?

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

5. What is the reason for the emission of particulate matter?

- A) Due to excess air supplied B) Due to atmospheric mixture
C) Due to incomplete combustion D) Due to complete combustion

6. How much maximum pressure, develops by high pressuer diesel pump in CRDI engine

- A) 500 Kg/cm² B) 2000 Kg/cm²
C) 1600 Kg/cm² D) 800 Kg/cm²

7. Which part of drill bit fits in to the slot of drilling machine spindle?

- A) Web B) Flute
C) Body D) Tang

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

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

9. What is the main purpose of the lubricant?

- A) Increase the friction B) Increase the wearness
C) Increase the noise D) Minimise the friction

10. What type of emf is produced if the conductor moved and cut the magnetic field?

- A) Statistically induced emf B) Electro-magnetic induced emf
C) Electro-chemical induced emf D) Dynamically induced emf

11. What is the use of catalytic converters?

- A) Control the fuel consumption B) Control the temperature
C) Control the emission D) Control the noise

12. Which is the commonly used cooling medium in the marine engine?

- A) Fan B) Cooling water
C) Sea water D) Coolant

13. Which type of NDT method used ferrous particles are applied to the area between the poles?

- A) Radiographic testing B) Liquid penetrate testing
C) Electro magnetic yoke testing D) Ultra sonic testing

14. Which part is connected and complete the Horn circuit of the push button pressed?

- A) Horn points B) Ground plate
C) Core D) Tone disc

15. How the battery capacity is expressed?

- A) Ampere - hour rating B) Voltage rating
C) Voltage - hour rating D) Ampere rating

16. Which machine can be used any where in the field for welding away from electric main supply?

- A) Engine generator set B) Motor generator set
C) AC arc welding machine D) AC welding transformer with a rectifier

17. Which type of chisel used for squaring material at the corners?

- A) Half round chisel B) Cross cut chisel
- C) Diamond point chisel D) Flat chisel

18. Which device used to increase the torque?

- A) Clutch B) Gear reduction drive
- C) Engine D) Flywheel

19. Which can be measured by feeler gauge?

- A) Surface roughness B) Radius
- C) Gap between mating parts D) Screw pitch

20. Which type of pump used in the hydraulic jack?

- A) Vane pump B) Internal gear pump
- C) Gear pump D) Plunger pump