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Score: 10/20 (50.00%)

Code: 9916

1. What is the melting temperature of silver brazing rod?

- A) 1120 Degree F (Correct)** B) 1200 Degree F
C) 1250 Degree F D) 1300 Degree F

2. What is the energy of a body by virtue of its position?

- A) Wind energy B) Kinetic energy
C) Potential energy (Correct) D) Electrical energy

3. Which law is related to the constant PV at constant T?

- A) Boyles law (Correct)** B) Charles s law
C) Pascal s law D) Renaults law

4. What is the absolute pressure of gas in a cylinder, if gauge reads 135.3 p.s.i.?

- A) 130 p.s.i.a B) 140 p.s.i.a
C) 150 p.s.i.a (Correct) D) 160 p.s.i.a

5. What is effect of compression process on refrigerant vapour?

- A) Heat the vapour below saturation B) Cool the vapour above saturation
C) Increase the pressure and temperature (Correct) D) Decrease the pressure and temperature

6. Which instrument is used to identify the terminals of a compressor motor?

- A) Ammeter B) Voltmeter
C) Ohm meter (Correct) D) Anemometer

7. Which winding is made of thick wire in single phase induction motor?

- A) Starting **B) Running**
C) Auxiliary (Incorrect) D) Additional

8. Which type of rotor is used in 3 Phase induction motor?

- A) Squirrel cage rotor (Correct)** B) Shaded pole rotor
C) Laminated rotor D) Solid rotor

9. Which gas is used for pressure testing the compressor dome?

- A) Air B) Oxygen

C) Nitrogen (Correct) D) Refrigerant

10. What is the use of a starting capacitor in single phase induction motor?

- A) Improve power factor (Incorrect) **B) Increase starting torque**
C) Decrease starting torque D) Dis connect starting winding

11. What is the reverse break down voltage range of zener diode?

- A) 0.1 to 0.5 volt (Incorrect) B) 0.5 to 1 volt
C) 3 to 18 volt D) 1 to 3 volt

12. Which material is used for making zener diode?

- A) Lead (Incorrect) **B) Silicon**
C) Titanium D) Platinum

13. What is the equivalent of one microfarad in farad?

- A) 10-3 farad B) 10-6 farad (Incorrect)
C) 10-9 farad D) 10-12 farad

14. Which application uses the digital ICs?

- A) Amplifier (Incorrect) **B) Logic gates**
C) Tuned circuits D) Voltage regulator

15. How the maximum reverse voltage across the diode is termed in reverse biased condition?

- A) Diode voltage B) Ripple frequency
C) Peak inverse voltage (Correct) D) Peak rectification voltage

16. How the capacity of refrigerator is expressed?

- A) Weightage B) Tonnage
C) Wattage (Incorrect) **D) Litres**

17. What is the temperature maintained in the refrigerator freezer?

- A) 0 Degree Centigrade (Incorrect) **B) - 15 Degree Centigrade**
C) - 45 Degree Centigrade D) - 65 Degree Centigrade

18. Which movement of plunger energises the start winding

in relay operation?

- A) Vertically up (Correct)** B) Bottom side
C) Vertically down D) Horizontally left
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19. What is the effect of contamination in refrigeration system?

- A) High heating (Incorrect) **B) Poor cooling**

C) Low pressure

D) Low humidity

20. What is the cause for refrigerator door gap at closing position?

- A) Uneven floor level** B) Either side gap more
C) Either side gap less D) Uneven condenser level
(Incorrect)
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