

Govt iti udupi

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Attempt No.	#1	Completion Time	10:41 AM
Rank	#3	Total Questions	25

23 SCORE

25 MAX MARKS

23 CORRECT

2 INCORRECT

Answer Review

Q1 **CORRECT** What is the type of condenser used in direct cool refrigerator?

A. Fin and tube

B. Shell and tube

C. Wire mesh ☒

D. Tube in tube

Q2 **CORRECT** Which type of condenser is directly placed on water spray and air?

A. Shell and tube condenser

B. Water cooled condenser

C. Evaporative condenser ☒

D. Air cooled condenser

Q3 **CORRECT** Which is the constant reference for the working of AEV?

A. Oil temperature

B. Suction pressure ☒

C. Volume expansion

D. Discharge pressure

Q4 **CORRECT** Which type of evaporator is used in house hold refrigerator?

A. Plate evaporator ☒

B. Tube in tube evaporator

C. Shell and coil evaporator

D. Shell and tube evaporator

Q5 **CORRECT** Which evaporator is known as extended surface evaporator?

A. Evaporator tubes

B. Finned evaporator ☒

C. Bare tube evaporator

D. Coiled stake evaporator

Q6 **CORRECT** Which type of insulation material is used in modern refrigerators?

A. Saw dust

B. Glass wool

C. Thermocole

D. Poly urethane foam ☒

Q7 **CORRECT** Which component is connected in series with defrost heater in a frost free refrigerator?

- A. Door switch
- B. Cabinet bulb
- C. Bimetal thermo ☒
- D. Heating element

Q8 **CORRECT** Which application uses the capillary tube expansion device?

- A. Domestic RAC units ☒
- B. Industrial ice plants
- C. Commercial AC plants
- D. Hospital IAQ systems

Q9 **CORRECT** Which expansion valve is suitable for constant load operation?

- A. King valve
- B. Relief valve
- C. Low side float valve
- D. Automatic expansion valve ☒

Q10 **CORRECT** What is the process of accumulation of ice on the surface of evaporator?

- A. Frosting ☒
- B. Defrosting
- C. Evacuating
- D. Melting of frost

Q11 **CORRECT** What is the desiccant used in dehydrator of hydrocarbon charged RAC unit?

- A.** Silica gel ☒
- B.** Ammonia
- C.** Sulphur dioxide
- D.** Calcium chloride

Q12 **CORRECT** Why frost accumulates in window AC evaporator?

- A.** Over charge of refrigerant
- B.** Less charge of refrigerant
- C.** Capillary chocking
- D.** Air filter blocked ☒

Q13 **CORRECT** What is the remedy for broken bimetal thermo in a frost free refrigerator?

- A.** Repair the bimetal thermo
- B.** Reuse the bimetal thermo
- C.** Replace the bimetal thermo ☒
- D.** Readjust the bimetal thermo

Q14 **CORRECT** Why the supply air throw is decreased in window AC?

- A.** Normal RPM of fan motor
- B.** Clean air filter
- C.** Refrigerant leaks
- D.** Frost blocks air circulation ☒

Q15 **CORRECT** What are the causes for blockage in capillary tube?

A. Non condensable gases

B. Moisture and wax from oil ☒

C. Solid particles

D. Over charging of refrigerant

Q16 **CORRECT** What is the name of the point at which all the weight of the body concentrated?

A. Initial point

B. Centre of gravity ☒

C. Centroid

D. Central point

Q17 **CORRECT** Where the centre of gravity of a circle lies?

A. At its centre ☒

B. Any where on its radius

C. Any where on its circumference

D. Any where on its diameter

Q18 **CORRECT** What is the centre of gravity of a right circular cone from its base?

A. $h/2$

B. $h/3$

C. $h/4$ ☒

D. $h/5$

Q19 **CORRECT** What is the centre of gravity of a sphere?

A. At the centre ☐

B. On the circumference

C. At the diameter

D. At the radius

Q20 **CORRECT** Which one of the following geometrical shapes centre of gravity lies from its base is $\frac{1}{3}$ of its height?

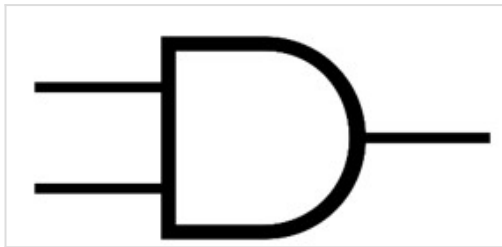
A. Square

B. Rhombus

C. Triangle ☐

D. Cone

Q21 **INCORRECT** What is the name of the gate | ಗೇಟ್ ಹೆಸರೇನು?



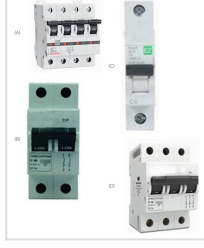
A. NOT Gate | NOT ಗೇಟ್

B. Ex-NOR Gate | Ex-NOR ಗೇಟ್

C. OR Gate | OR ಗೇಟ್ ☐

D. AND Gate | AND ಗೇಟ್ ☐

Q22 **CORRECT** Which is the single pole MCB? | ಸಿಂಗಲ್ ಪೋಲ್ MCB ಯಾವುದು?



A. A

B. B

C. C ☒

D. D

Q23 **CORRECT** Which is protective device? | ರಕ್ಷಣಾತ್ಮಕ ಸಾಧನ ಯಾವುದು?

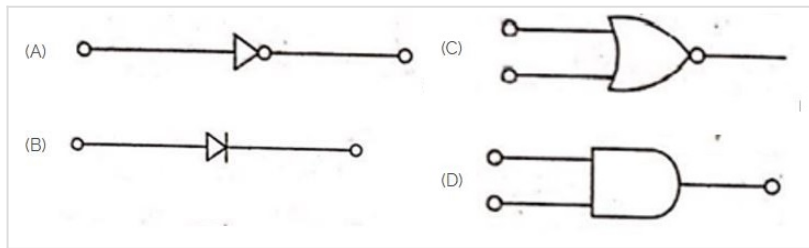
A. Fuse | ಫ್ಯೂಸ್ ☒

B. Resistor | ರೆಸಿಸ್ಟರ್

C. Magnet | ಮ್ಯಾಗ್ನೆಟ್

D. Capacitor | ಕೆಪಾಸಿಟರ್

Q24 **INCORRECT** Which is the NOT gate in the following picture? | ಕೆಳಗಿನ ಚಿತ್ರದಲ್ಲಿ NOT ಗೇಟ್ ಯಾವುದು?



A. A ☒

B. B

C. C ☐

D. D

Q25 **CORRECT** Which part regulates the heat in automatic iron? | ಆಟೋಮೇಟಿಕ್ ಐರನ್‌ನಲ್ಲಿನ ಶಾಖವನ್ನು ಯಾವ ಭಾಗವು ನಿಯಂತ್ರಿಸುತ್ತದೆ?

A. Heating element | ಹೀಟಿಂಗ್ ಎಲಿಮೆಂಟ್

B. Pressure plate | ಪ್ರೆಶರ್ ಪ್ಲೇಟ್

C. Thermostatic switch | ಥರ್ಮೋಸ್ಟಾಟಿಕ್ ಸ್ವಿಚ್ □

D. Asbestos sheet | ಆಸ್ಟೆಸ್ಟೋಸ್ ಶೀಟ್