

ITI Quiz - 27-Aug-2026 03:01 PM

Q. ID: ITISKILL6358RK | August 2026

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Student Name	Preetham	Access Code	2206
Attempt No.	#1	Completion Time	03:17 PM
Rank	#4	Total Questions	25

18 SCORE

25 MAX MARKS

18 CORRECT

7 INCORRECT

Answer Review

Q1 **CORRECT** Which winding is made of thin wire in single phase motor?

A. Main

B. Series

C. Starting ☒

D. Running

Q2 **CORRECT** What is the physical condition of refrigerant in hermetic dome of rotary compressor?

A. LP Liquid

B. HP Liquid

C. HP Vapour ☒

D. LP Vapour

Q3 **INCORRECT** Which motor has the least starting torque?

A. CSIR

B. CSR

C. RSIR ☒

D. PSC ☐

Q4 **CORRECT** Which winding is made of thick wire in single phase induction motor?

A. Starting

B. Running ☒

C. Auxiliary

D. Additional

Q5 **CORRECT** Which type of compressor is used for domestic refrigerator?

A. Semi sealed compressor

B. Centrifugal compressor

C. Hermetic compressor ☒

D. Open type compressor

Q6 **CORRECT** What is the revolving part of induction motor?

A. Stator

B. Rotor ☒

C. Relay

D. Winding

Q7 **CORRECT** Which is used to connect the rotor bars in 3phase squirrel cage induction motor?

A. Screw

B. Welded

C. End ring ☒

D. Nut and bolt

Q8 **CORRECT** What is the use of a starting capacitor in single phase induction motor?

A. Improve power factor

B. Increase starting torque ☒

C. Decrease starting torque

D. Dis connect starting winding

Q9 **INCORRECT** What is the advantage of a hermetically sealed compressor in refrigerator?

A. Silent operation ☒

B. Easily serviceable

C. Noise is more

D. Cost is high ☐

Q10 **INCORRECT** Which movement of the scroll compresses the low pressure vapour in scroll compressor?

A. Reciprocating ☐

B. Centrifugal

C. Rotating

D. Orbital ☒

Q11 **INCORRECT** What is the formula to find out the synchronous speed of induction motor?

A. $N_s = (150P/f)$ ☐

B. $N_s = (120f/P)$ ☒

C. $N_s = (150f/P)$ ☐

D. $N_s = (120P/f)$ ☐

Q12 **CORRECT** How the difference between the synchronous speed and the actual rotor speed is specified?

A. Lead ☐

B. Lag ☐

C. Slip ☒

D. Trip ☐

Q13 **CORRECT** What is the use of suction baffle in a scroll compressor?

A. Reduce noise of compressor ☒

B. Increase noise of compressor ☐

C. Reduce capacity of compressor ☐

D. Allow liquid to enter into compressor ☐

Q14 **CORRECT** Why the top of dome is hot in a scroll compressor?

A. Discharge plenum is at top ☒

B. Suction super heat is less ☐

C. Suction gas not cooled ☐

D. Undercharged system ☐

Q15 **INCORRECT** What is the effect of moist air present inside the hermetic system?

A. Capacity of compressor will increase

B. Less wear and tear in compressor ☐

C. Harmful to the compressor and motor ☐

D. Increase the life of compressor

Q16 **INCORRECT** 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 rectangular body?

A. Longer side of rectangle

B. Shorter side of rectangle

C. At the point of intersection of its diagonals ☐

D. At the corners

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 state of equilibrium's example is A cone resting on its tip?

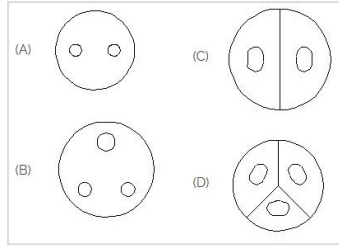
A. Stable

B. Neutral

C. Unstable ☒

D. Horizontal

Q21 **CORRECT** Identify the 3 pin socket. | 3 ಪಿನ್ ಸಾಕೆಟ್ ಅನ್ನು ಗುರುತಿಸಿ.



A. A

B. B ☒

C. C

D. D

Q22 **CORRECT** Voltage less than 250 volt is called_____. | 250 ವೋಲ್ಟ್‌ಗಿಂತ ಕಡಿಮೆ ವೋಲ್ಟೇಜ್ ಅನ್ನು_____ ಎಂದು ಕರೆಯಲಾಗುತ್ತದೆ.

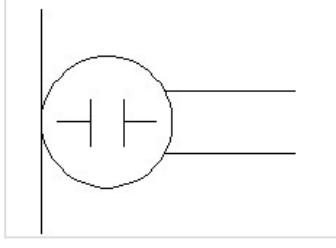
A. LT (Low Tension) | LT (ಕಡಿಮೆ ಒತ್ತಡ) ☒

B. HT (High Tension) | HT (ಅಧಿಕ ಒತ್ತಡ)

C. MT (Medium Tension) | MT (ಮಧ್ಯಮ ಒತ್ತಡ)

D. EHT (Extra High Tension) | EHT (ಹೆಚ್ಚುವರಿ ಅಧಿಕ ಒತ್ತಡ)

Q23 **INCORRECT** What is the name of the symbol? | ಚಿಹ್ನೆಯ ಹೆಸರೇನು?



A. Microphone | ಮೈಕ್ರೋಫೋನ್ □

B. Dynamic microphone | ಡೈನಾಮಿಕ್ ಮೈಕ್ರೋಫೋನ್

C. Condenser microphone | ಕಂಡೆನ್ಸರ್ ಮೈಕ್ರೋಫೋನ್ □

D. Loud speaker | ಲೌಡ್ ಸ್ಪೀಕರ್

Q24 **CORRECT** Which is nose pliers? | ನೋಸ್ ಪ್ಲೇಯರ್ ಯಾವುದು?



A. A

B. B

C. C □

D. D

Q25 **CORRECT** Identify the switch in the given picture. | ನೀಡಿರುವ ಚಿತ್ರದಲ್ಲಿ ಸ್ವಿಚ್ ಅನ್ನು ಗುರುತಿಸಿ.



A. Intermediate Switch | ಮಧ್ಯಂತರ ಸ್ವಿಚ್

B. Toggle Switch | ಟಾಗಲ್ ಸ್ವಿಚ್

C. Tumbler Switch | ಟಂಬ್ಲರ್ ಸ್ವಿಚ್ □

D. Flux type switch | ಫ್ಲಕ್ಸ್ ಪ್ರಕಾರದ ಸ್ವಿಚ್