

ITI Quiz - 28-Apr-2026

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Q. ID: ITISKILL24015E

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 25

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Student Name: _____ Roll No: _____

1. What is the ratio of power output to power input?

- A) Energy
B) Acceleration
C) Work
D) Efficiency

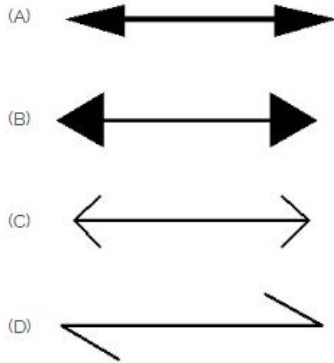
2. What is the remedy for the defective OLP in a window air conditioner?

- A) Repair the heater element
B) Remove the parts
C) Repair the OLP
D) Replace the OLP

3. Which material is used for making fins of condenser in a window air conditioner?

- A) Copper
B) Aluminium
C) Brass
D) Cast iron

4. Which arrow head is correct as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ಯಾವ ಬಾಣದ ಹೆಡ್ ಸರಿಯಾಗಿದೆ?



- A) B
B) C
C) A
D) D

5. What is the reason for the compressor motor burn out in a window air conditioner?

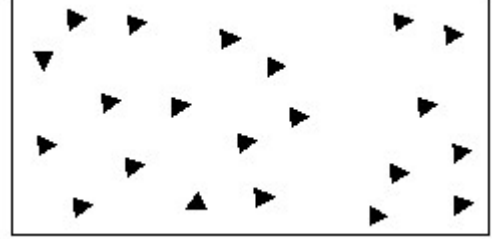
- A) Defective fan motor
B) Defective blower
C) Defective OLP
D) Defective fan capacitor

6. 1 Which control device is used to maintain the room air temperature?

- A) Selector switch
B) Relay
C) Thermostat
D) OLP

7. Identify the conventional symbol of material? | ವಸ್ತುವಿನ

ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Steel | ಸ್ಟೀಲ್
B) Wood | ಮರ
C) Glass | ಗಾಜು
D) Concrete | ಕಾಂಕ್ರೀಟ್

8. What is the work done in joules if a load of 15.5 kg is lifted through a height of 4.4 metres?

- A) 639 Joules
B) 659 Joules
C) 649 Joules
D) 669 Joules

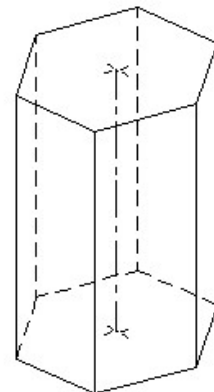
9. What is the cause of reduced supply air throw though air filter is clean in window AC?

- A) No dust accumulated in the evaporator
B) No frost in the evaporator
C) Dust accumulated in the condenser
D) Frost accumulated in the evaporator

10. Which winding of compressor motor is directly connected across voltage relay coil?

- A) Main winding
B) Running winding
C) Starting winding
D) Auxiliary winding

11. Identify the name of prism? | ತ್ರಿಭುಜಾಕೃತವನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಮ್
B) Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಮ್
C) Square prism | ಚದರ ಪ್ರಿಸ್ಮ್
D) Pentagonal prism | ಪೆಂಟಗೋನಲ್ ಪ್ರಿಸ್ಮ್

12. What is the capacity of compressor motor used in 1Ton window air conditioner?

- A) 0.95 HP
B) 0.50 HP
C) 0.75 HP
D) 1.00 HP

13. What is the retardation of a car moving with a velocity of 50 km/hr is brought to rest in 45 seconds?

- A) 0.10 m/sec²
B) 0.30 m/sec²
C) 0.40 m/sec²
D) 0.20 m/sec²

14. Where the relay coil is internally connected in voltage relay?

- A) Across 2 and 4
B) Across 5 and 1
C) Across 1 and 2
D) Across 5 and 2

15. Which is indicated by the arrow mark on filter drier component?

- A) Flow direction of air
B) Position of capillary tube
C) Flow direction of refrigerant
D) Arrangement of desiccant and filter

16. Which type of compressor is used in window air conditioner?

- A) Sealed type
B) Open type
C) Belt drive
D) Swash plate

17. What is the value of starting capacitor used for 1TR window air conditioner?

- A) 40 MFD
B) 80 MFD
C) 60 MFD
D) 100 MFD

18. Identify the name of set square? | ಸೆಟ್ ಚೌಕದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) 45° set square | 45° ಸೆಟ್ ಸ್ಕ್ವೇರ್
B) 30° set square | 30° ಸೆಟ್ ಸ್ಕ್ವೇರ್
C) 15° set square | 15° ಸೆಟ್ ಸ್ಕ್ವೇರ್
D) 60° set square | 60° ಸೆಟ್ ಸ್ಕ್ವೇರ್

19. What is the unit of speed?

- A) Metre/hour
B) Metre/minute
C) Metre/second
D) Metre/second²

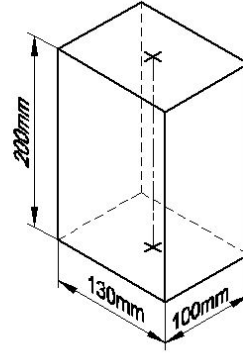
20. Which type of evaporator is used in window air conditioner?

- A) Bare tube
B) Fins and plate
C) Plate and tube
D) Fins and tube

21. Which type of condenser is used in window air conditioner?

- A) Bare tube
B) Plate and coil
C) Fins and tube
D) Plate and tube

22. Identify the name of prism? | ಪ್ರಿಸ್ಮ್ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Square prism | ಚದರ ಪ್ರಿಸ್ಮ್
B) Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಮ್
C) Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಮ್
D) Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಮ್

23. What is the value of running capacitor used for 1.5 TR window air conditioner?

- A) 36 MFD
B) 80 MFD
C) 40 MFD
D) 100 MFD

24. What is called if a body posses only magnitude or size alone?

- A) Speed
B) Vector quantity
C) Velocity
D) Scalar quantity

25. Which is increased by the fins of condenser tubes in window air conditioner?

- A) Power consumption
B) Heat transfer rate
C) Refrigerant flow rate
D) Discharge pressure