

# Govt iti

## Exam

Q. ID: ITISKILL6748SN | August 2026

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|--------------|---------|-----------------|----------|
| Student Name | Karthik | Access Code     | 7142     |
| Attempt No.  | #1      | Completion Time | 05:01 PM |
| Rank         | #6      | Total Questions | 10       |

4 SCORE

10 MAX MARKS

4 CORRECT

6 INCORRECT

## Answer Review

Q1 **INCORRECT** Which part connects the piston with small end of connecting rod in a reciprocating compressor?

A. Piston pin ☐

B. Piston bolt

C. Piston rings ☐

D. Piston sleeve

Q2 **CORRECT** Which winding is made of thin wire in single phase motor?

A. Main

B. Series

C. Starting ☐

D. Running

**Q3** **INCORRECT** Which is a positive displacement compressor?

A. Centrifugal compressor

B. Scroll compressor ☐

C. Water pump

D. Oil pump ☐

**Q4** **CORRECT** Which instrument is used to identify the terminals of a compressor motor?

A. Ammeter

B. Voltmeter

C. Ohm meter ☐

D. Anemometer

**Q5** **INCORRECT** Which valve is closed during compression stroke in reciprocating compressor?

A. Service valve ☐

B. Liquid line valve

C. Discharge valve

D. Suction valve ☐

**Q6** **CORRECT** Which gas is used for pressure testing the compressor dome?

A. Air

B. Oxygen

C. Nitrogen ☐

D. Refrigerant

**Q7** **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

**Q8** **INCORRECT** Which movement of the scroll compresses the low pressure vapour in scroll compressor?

**A.** Reciprocating

**B.** Centrifugal

**C.** Rotating ☐

**D.** Orbital ☐

**Q9** **INCORRECT** What is the reason for poor compression?

**A.** Less clearance volume

**B.** Scratches on the piston surface ☐

**C.** Lapped valve plate and reed seat ☐

**D.** Good lubrication on the moving parts

**Q10** **CORRECT** 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