

ELECTRONICS MECHANIC

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Q. ID: ITISKILL38883E

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Question Paper

Duration: 60 Mins

Total Marks: 10

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Student Name: _____ Roll No: _____

1. When does the rosin flux melts in a soldering process?

- A) When the solder is melting
- B) When the solder is heated
- C) After the solder melts
- D) During the solder is melting

2. How the solid state relays are working for increased lifetime?

- A) Slower in operations
- B) No moving parts to wear and tear
- C) Bulky profile
- D) Spark generated during switching

3. How the negative feedback is called?

- A) Degenerative feedback
- B) Current controlled feedback
- C) Regenerative feedback
- D) Voltage controlled feedback

4. Which fire extinguisher is used to put off class C type of fire?

- A) Jet of water
- B) Foam type
- C) Carbon-di-oxide
- D) Dry powdered

5. Which diode is used in low power communication circuits?

- A) High power diodes
- B) Rectifier diodes
- C) Signal diodes
- D) Switching diodes

6. Which port is used to connect a plug and play peripheral device to CPU?

- A) COM 1 port
- B) RJ45 port
- C) USB port
- D) COM 2 port

7. Which is the major factor determines the quality performance of A/D converter?

- A) Conversion cycle
- B) Measuring parameter
- C) Measuring parameter
- D) Depends on data latch

8. What is the name of multi-stage amplifiers?

- A) Cascaded amplifier
- B) Complementary symmetry amplifier
- C) Cascode amplifier
- D) Darlington pair amplifier

9. Which purpose the cadmium sulfide cells (CDS cells) are used?

- A) Light dependent resistor
- B) Primary cells
- C) Rechargeable cells
- D) Voltage dependent resistor

10. Which battery is made from non-toxic materials?

- A) Lithium polymer (Li-Poly)
- B) Lithium ion (Li-Ion)
- C) Nickel cadmium (Nicad)
- D) Nickel metal hydride (NiMH)