

# ITI Quiz - 25-Mar-2026

## 10:38 PM

Q. ID: ITISKILL4565AV

December 2025

Answer Key

Duration: 30 Mins

Total Marks: 10

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1. How many transistors are built inside the Very Large Scale Integration (VLSI) IC package?

- A) 10 to 100 transistors      B) 100 to 1000 transistors  
C) 1 to 10 transistors      D) 1000 and above

**Answer: D) 1000 and above**

2. What is the current rating of voltage regulator IC LM338K?

- A) 3A      B) 2A  
C) 4A      D) 5A

**Answer: D) 5A**

3. Which is the 3 terminal, negative voltage regulator IC?

- A) IC 7905      B) LM 340  
C) LM 320      D) IC 7812

**Answer: A) IC 7905**

4. Which method is followed to troubleshoot the problem causing section by the symptom?

- A) Step by step method      B) Sensory test method  
C) Trial and error method      D) Logical approach method

**Answer: D) Logical approach method**

5. How much is the maximum load current of the negative voltage regulator IC 7912?

- A) 2.0 A      B) 1.5 A  
C) 0.55 A      D) 1.0 A

**Answer: A) 2.0 A**

6. What is the range of output voltage of regulator IC LM

317?

- A) 0 to 25 V      B) 0 to 30 V  
C) 0 to 32 V      D) 1.2 V to 32 V

**Answer: D) 1.2 V to 32 V**

7. Which type of voltage regulator is IC 723?

- A) Three pin adjustable voltage regulator      B) Three pin positive voltage regulator  
C) Three pin negative voltage regulator      D) Multipin variable voltage regulator

**Answer: A) Three pin adjustable voltage regulator**

8. Which IC package consist of 100 to 1000 transistors?

- A) Very large scale integration (VLSI)      B) Large scale integration (LSI)  
C) Medium scale integration (MSI)      D) Small scale integration (SSI)

**Answer: B) Large scale integration (LSI)**

9. What is the current rating of voltage regulator IC LM317L?

- A) 0.3 A      B) 0.4 A  
C) 0.1 A      D) 0.2 A

**Answer: C) 0.1 A**

10. Which three terminal voltage regulator IC has adjustable output?

- A) LM 317      B) LM 100  
C) LM 305      D) LM 105

**Answer: A) LM 317**