

ITI Quiz - 01-Jul-2026

10:38 AM

Q. ID: ITISKILL4993MN

November 2025

Government ITI KUKANOOR

Answer Key

Duration: 30 Mins

Total Marks: 10

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1. Which is thermosetting plastic?

- A) Polystyrenes
- B) Melamine resins
- C) Vinyl polymers
- D) Celluloid

Answer: B) Melamine resins

2. Which is elastic material?

- A) Nylon
- B) Celluloid
- C) Polycarbonates
- D) Polystyrenes

Answer: A) Nylon

3. What is the ratio of ultimate load to area of original cross section?

- A) Yield point
- B) Ultimate stress
- C) Youngs modulus
- D) Factor of safety

Answer: B) Ultimate stress

4. What is the term used for maximum stress attained by a material before rupture?

- A) Tensile stress
- B) Compressive stress
- C) Ultimate stress
- D) Working stress

Answer: C) Ultimate stress

5. What is the ratio between stress and strain?

- A) Poisson's ratio
- B) Factor of safety
- C) Yield point
- D) Youngs Modulus

Answer: D) Youngs Modulus

6. What is the maximum percentage of stretch of its original length is allowable for elastic materials?

- A) 300%
- B) 100%
- C) 400%
- D) 200%

Answer: A) 300%

7. Which one is the ratio of stress?

- A) Load and direction
- B) Load and time
- C) Load and diameter
- D) Load and area

Answer: D) Load and area

8. What is the unit of strain?

- A) Kg/cm^2
- B) No unit
- C) Newton/metre^2
- D) Metre

Answer: B) No unit

9. What is the formula for bulk modulus?

- A) Compressive stress/Compressive strain
- B) Volumetric stress/Volumetric strain
- C) Shear stress/Shear strain
- D) Tensile stress/Tensile strain

Answer: B) Volumetric stress/Volumetric strain

10. What is the ratio between lateral strain and longitudinal strain?

- A) Young's modulus
- B) Bulk modulus
- C) Poisson's ratio
- D) Hooks law

Answer: C) Poisson's ratio