

Monthly Test workshop calculation and science February 2026

Q. ID: ITISKILL50494V

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GOVT ITI VITTLA

Question Paper

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Score: 1/10 (10.00%)

Code: 1971

1. Which is elastic material?

- A) Nylon** B) Polystyrenes
C) Celluloid D) Polycarbonates (Incorrect)

2. Which is thermo plastic material?

- A) Butyl rubber (Incorrect) B) Nylon
C) Neoprene D) Vinyl polymers

3. What is the ratio between the change in dimension to its original dimension of the substance?

- A) Stress B) Strain
C) Poisson's ratio D) Factor of safety (Incorrect)

4. What is the unit of strain?

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

5. Which one is the ratio of stress?

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

6. Which force acts on rivets?

- A) Tensile force B) Compressive force (Incorrect)
C) Shear force D) Bending force

7. Which law states that within elastic limit stress is directly proportional to strain?

- A) Newtons law B) Hooks law
C) Joules law (Incorrect) D) Charles law

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

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

9. What is the ratio of shear stress to shear strain?

- A) Modulus of elasticity (Incorrect) B) Modulus of rigidity
C) Bulk modulus D) Yield point

10. What is the ratio between stress and strain?

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