Monthly Test workshop calculation and science February 2026

Q. ID: ITISKILL50494V

February 2026 | **GOVT ITI VITTLA** | Question Paper

Student: manjunathnaik640@gmail.com
Score: 2/10 (20.00%)

Code: 0986

1. Which is elastic material?

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

2. Which is thermo plastic material?

A) Butyl rubber B) Nylon
C) Neoprene **D) Vinyl polymers (Correct)**

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

A) Stress **B) Strain (Correct)**
C) Poisson's ratio D) Factor of safety

4. What is the unit of strain?

A) Kg/cm² B) Newton/metre² (Incorrect)
C) Metre **D) No unit**

5. Which one is the ratio of stress?

A) Load and area B) Load and direction
C) Load and diameter (Incorrect) D) Load and time

6. Which force acts on rivets?

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

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 (Incorrect) B) Compressive stress
C) Working stress **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 (Incorrect) B) Factor of safety
C) Youngs Modulus D) Poisson's ratio