Monthly Test WCS- March 2026

Q. ID: ITISKILL6837GX

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

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Score: 9/10 (90.00%)

Code: 2442

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

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

2. What is the unit of strain?

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

3. What is the ratio of change in length to original length?

A) Linear strain (Correct) | B) Lateral strain
C) Volumetric strain | D) Poisson's ratio

4. Which one is the ratio of stress?

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

5. Which force acts on rivets?

A) Tensile force | B) Compressive force
C) Shear force (Correct) | D) Bending force

6. What is the formula for bulk modulus?

A) Tensile stress/Tensile strain | B) Compressive stress/Compressive strain
C) Volumetric stress/Volumetric strain (Correct) | D) Shear stress/Shear strain

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

A) Newtons law | **B) Hooks law (Correct)**
C) Joules law | 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 | **D) Ultimate stress (Correct)**

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

A) Factor of safety | B) Yield point
C) Ultimate stress (Correct) | D) Youngs modulus

10. What is the ratio between stress and strain?

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