

GOVT ITI VITTLA

Monthly Test WCS- March 2026

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Student Name	manjunathnaik640@gmail.com	Access Code	3368
Attempt No.	#2	Completion Time	02:05 PM
Rank	#8	Total Questions	10

2 SCORE

10 MAX MARKS

2 CORRECT

8 INCORRECT

Answer Review

Q1 **INCORRECT** 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

Q2 **INCORRECT** What is the unit of strain?

A. Kg/cm^2

B. Newton/metre^2

C. Metre

D. No unit

Q3 **INCORRECT** What is the ratio of change in length to original length?

A. Linear strain

B. Lateral strain

C. Volumetric strain

D. Poisson's ratio

Q4 **INCORRECT** Which one is the ratio of stress?

A. Load and area

B. Load and direction

C. Load and diameter

D. Load and time

Q5 **INCORRECT** Which force acts on rivets?

A. Tensile force

B. Compressive force

C. Shear force

D. Bending force

Q6 **INCORRECT** What is the formula for bulk modulus?

A. Tensile stress/Tensile strain

B. Compressive stress/Compressive strain

C. Volumetric stress/Volumetric strain

D. Shear stress/Shear strain

Q7 **INCORRECT** Which law states that within elastic limit stress is directly proportional to strain?

A. Newtons law

B. Hooks law

C. Joules law

D. Charles law

Q8 **INCORRECT** 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

Q9 **CORRECT** What is the ratio of ultimate load to area of original cross section?

A. Factor of safety

B. Yield point

C. Ultimate stress

D. Youngs modulus

Q10 **CORRECT** What is the ratio between stress and strain?

A. Yield point

B. Factor of safety

C. Youngs Modulus

D. Poisson's ratio