

LECTURERS IN GOVERNMENT POLYTECHNIC COLLEGES (ENGINEERING AND NON-ENGINEERING) IN A.P TECHNICAL EDUCATION SERVICE. - NOTIFICATION NO.23/2018

CIVIL ENGINEERING- 12TH MAR 2020 – S2 – REVISED KEY

Question Number : 5 Question Id : 184242905

A point temporarily used to transfer an elevation is called:

Answer:

Turning point

Temporary benchmark

Question Number : 30 Question Id : 184242930

The Skempton's pore water pressure parameter for a normally consolidated clay ranges between:

Answer: Deleted

Question Number : 77 Question Id : 184242977

Which of the following theory gives best result for ductile materials?

Answer:

Mises - Henky Theory

Gusset of Tresca's Theory

Question Number : 80 Question Id : 184242980

A circular bar of diameter 50 mm is subjected to pull of 50 KN. Take poisson's ratio = 0.33 and Young's Modulus of Elasticity = $7.07 \times 10^4 \text{ N/mm}^2$. Value of shear modulus is:

Answer: Deleted

Question Number : 81 Question Id : 184242981

If an area has any axis of symmetry then product of inertia will be:

Answer:

Zero

Positive

Question Number : 86 Question Id : 184242986

In a plane strain problem in xy plane, the shear strain = 15×10^{-6} and the normal strain in x and y direction is zero. For this strain, what is the diameter of the Mohr's circle of strain?

Answer: Deleted

Question Number : 108 Question Id : 1842421008

In case of a footing, the critical section for purchasing shear is considered at:

Answer: Deleted

Question Number : 115 Question Id : 1842421015

The end or side covers for a steel bar in RCC work may be taken as: _____

Answer: Deleted

Question Number : 132 Question Id : 1842421032

A velocity field in a particular flow is given by $V = 20y^2i - 20xyj$ m/s. The average angular velocity at points (1, -1, 2).

Answer: Deleted

Question Number : 143 Question Id : 1842421043

The storage coefficient of a well is defined as the:

Answer: Deleted