

QUIZ NO: 637

TOPIC: REINFORCED CEMENT CONCRETE

DATE: 30/08/2022

1. The bond stress acting parallel to the reinforcement on the interface between bar and concrete are:

- [A] Shear stress
- [B] Local stress
- [C] Flexural stress
- [D] Bearing stress

Answer: A

2. According to IS: 456-200, side-face reinforcement should be provided when depth of web of a beam exceeds

- [A] 650 mm
- [B] 700 mm
- [C] 725 mm
- [D] 750 mm

Answer: D

3. In an axially loaded spirally reinforced short column, the concrete inside the core is subjected to:

- [A] Bending and compression
- [B] Biaxial compression
- [C] Triaxial compression
- [D] None of the above

Answer: C

4. The maximum diameter of the reinforcement bars in R.C.C. slabs is _____

- [A] 20 mm
- [B] 16 mm
- [C] Span/100
- [D] Thickness of slab/8

Answer: D

5. Reinforced concrete beam curved in plans is designed for:

- [A] Bending Moment
- [B] Shear Force
- [C] Torsion
- [D] All of the above

Answer: D

To PURCHASE Our COURSES

CLICK

LIVE CLASSES	DIRECT CLASSES
Assistant Engineer Standard 2022	Assistant Engineer, Polytechnic-Lecturer-Civil- Aug 27
Overseer Standard 2022	GATE 2023
Assistant Engineer Courses	Overseer Courses
KWA Assistant Engineer	Overseer Grade I - Economical
KWA Civil and Chemical Combo	Junior Instructor Surveyor
Assistant Engineer/ Overseer Grade I	Irrigation LSGD Overseer
Assistant Professor - Part A	
GATE 2023 Civil Pre-recorded	
TEST SERIES (With detailed solution)	
Online Test Series Combo	AE PCB Test series
AE Test Series	SSC JE Subject wise
OVERSEER Test Series	GATE 2022 Test Series
ISRO Test Series	Full length tests – GATE
SSC JE CIVIL Test Series	Topicwise tests for GATE
SSC JE Full Length Tests	Subjectwise Test series – GATE
e - BOOKS	
HANDWRITTEN NOTES – e- book	Quick Reference For AE and Overseer – e Book
e – Book for Civil Engineering INTERVIEWS	Overseer PYQ detailed – e Book
150 PYQ e - book	Civil Engineering MCQ – e Book
Mechanical Engineering e - Book	Gate Civil Engineering - e Book

90 Days Course!
Now at an offer price
Rs.5000/-
+ Tax only

MAKE YOUR DREAM JOB A REALITY

KWA ASSISTANT ENGINEER PRE-RECORDED CLASSES

- 500+ Hours of Pre-Recorded Classes
- Assessment Test with Each Video
- Full Syllabus Coverage
- Faculty Support
- Live Interactive Quizzing Sessions
- Live Discussion Support
- Offline Streaming
- Mock Tests

For More Details
9497 498 417
9097 440 099

www.civilianz.com

Available on Google Play and App Store

POLYTECHNIC LECTURER CIVIL ENGG.

PRE-RECORDED Online Classes

Course Features

- Experienced faculty team
- Unlimited streaming of recorded sessions within the course period
- Assessment test with each video lesson
- Handwritten notes - e Book
- Model Tests
- Onboard support & doubt clearance through discussion board

Available in CivilApp, Google Play, App Store

For More Details
9497 498 417
9097 440 099

www.civilianz.com

Connect with us

CLICK

- ✉ elearncivilianz@gmail.com
- 📞 9497 498 415
- 📘 civilianz
- 🏠 Clubhouse
- 📝 Civilianz Blog
- 📷 Civilianz_official
- 🗨 Civil study Circle
- 📺 Civilianz
- 🌐 WWW.CIVILIANZ.COM
- 📺 Telegram Job Channel

for SAMPLE CLASSES : **AE** **GATE** **Overseer**

6. In limit state approach, spacing of main reinforcement controls primarily

- [A] Collapse
- [B] Deflection
- [C] Cracking
- [D] Durability

Answer: C

7. Unequal top and bottom reinforcement in a reinforced concrete section leads to

- [A] Creep deflection
- [B] Shrinkage deflection
- [C] Long term deflection
- [D] Large deflection

Answer: B

8. Flexural collapse in over reinforced beams is due to

- [A] Primary compression failure
- [B] Secondary compression failure
- [C] Primary tension failure
- [D] Bond failure

Answer: B

9. In bending, the maximum strain in concrete at the outer-most compression fibre is taken as _____

- [A] 0.002
- [B] 0.0025
- [C] 0.0035
- [D] None of these

Answer: C

10. Which IS code gives details regarding p(H) water to be used in concrete?

- [A] IS 456
- [B] IS 383
- [C] IS 565
- [D] IS 3012

Answer: A

Join our social media platforms

