

SSC JE PRE 2021

LIVE ONLINE CLASSES



START DATE

14th
JUNE 2022



DURATION

300
HOURS



VALIDITY

1
YEAR



At Just
25000/- *Only*



HELPLINE - 8595517959, 7827455078



www.everexam.org



Download EverExam App





CIVIL ENGINEERING



DDA JE 2022

LIVE ONLINE CLASSES

Course Details

- ✓ Start :- 14 June 2022
- ✓ Validity:- Till The Exam (Under 5 Months)
- ✓ Duration:- 150 Hours
- ✓ Download PDF Notes
- ✓ Enroll NOW



At Just **1001/-** Only

HURRY UP!



HELPLINE - 8595517959, 7827455078



www.everexam.org



Download EverExam App



INDIVIDUAL COURSES

Validity:- 3 Months

Soil Mechanics 299/-

Fluid Mechanics 299/-

RCC 299/-

Surveying 199/-

Building Material 299/-

Highway 199/-

Solid Mechanics 299/-

Environmental 399/-

 **8595517959, 7827455078**  **DOWNLOAD EVEREXAM APP**



CIVIL ENGINEERING

ALL FORMULA

RECORDED BATCH-2

- **Validity : 5 Months**
- **PDF Notes**
- **Recorded Batch**

At Just

599/-
Only

DOWNLOAD NOW EVEREXAM APP



ANY QUERIES JUST CALL NOW 8595517959

Foundation Batch



ALL STATE AE/JE EXAMINATION

At Just
~~₹12000/-~~
₹3199/-

- ✓ **FULL THEORY BATCH**
- ✓ **VALIDITY - 1 YEAR**
- ✓ **DURATION - 400+ HOURS**
- ✓ **ENROLL NOW**



DOWNLOAD NOW EVEREXAM APP



ANDROID APP ON
 Google play

ANY QUERIES JUST CALL NOW 8595517959

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 1) According to IS 456 : 2000, the maximum strain in concrete at the outermost compression fibre is taken as :

A : 0.0035 in bending

B : 0.035 in shear

C : 0.035 in bending

D : 0.0035 in shear

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 2) Which IS code provides recommended guidelines for concrete mix design?

A : IS 12813

B : IS 800

C : IS 1373

D : IS 10262

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 3) The spacing of stirrups in a beam :

A : Increases near the support

B : Decreases near the support

C : Depends on the size of the beam

D : Is the same everywhere

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 4) The following statements (S1, S2, S3) pertain to an under reinforced beam of concrete. Choose the correct statements.

S1 : These beams are deeper when compared to a balanced beam section.

S2 : The failure of the beam takes place due to failure of steel.

S3 : These beams undergo large deflections at failure

A : S1 and S3

B : S1 and S2

C : S2 and S3

D : S1, S2 and S3

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 5) For concrete works in sea water or exposed directly along the sea coast, the minimum grade of concrete recommended by IS 456 : 2000, for plain concrete and reinforced concrete are, respectively

A : M10 and M20

B : M20 and M30

C : M15 and M25

D : M25 and M40

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 6) The maximum permissible value of organic solids in water, used for the preparation of concrete as per IS 456 : 2000 is

A : 200 mg/l

B : 500 mg/l

C : 3000 mg/l

D : 2000 mg/l

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 7) The sections in which tension steel reaches yield strain at loads lower than loads at which concrete reaches strain are called

A : Composite sections

B : Under reinforced sections

C : Balanced reinforced sections

D : Over reinforced sections

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 8) What is the maximum permissible limit of organic solids present in water used in concrete mixing as per IS 456 – 2000?

A : 3000 mg/L

B : 200 mg/L

C : 400 mg/L

D : 2000 mg/L

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 9) Concrete in the member represented by core test shall be considered acceptable if the average equivalent cube strength of cores is equal to at least _____% of cube strength of the grade of concrete specified for the corresponding age

A : 90

B : 85

C : 50

D : 70

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 10) What is the minimum cement content for a reinforced concrete structural member subjected to moderate exposure condition as per IS 456 : 2000? Assume 20 mm nominal maximum size aggregates are used.

A : 350 kg/m³

B : 380 kg/m³

C : 300 kg/m³

D : 280 kg/m³

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 11) If the age of loading increases, the creep coefficient for concrete will

A : Remain constant

B : Increase if age of loading is greater than 28 days, otherwise it will decrease

C : Increase

D : Decrease

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 12) For thin slabs and walls, the maximum size of coarse aggregate should be limited to _____ the thickness of the concrete section

A : One-fourth

B : Two-third

C : One-third

D : Three-fourth

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 13) According to IS 456-2000, nominal cover for reinforcements in case of footing, under, 'very severe' exposure

A : Shall not be less than 40 mm

B : Shall not be less than 25 mm

C : Shall not be less than 50 mm

D : Shall not be less than 30 mm

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 14) What is minimum period before striking the formwork to RCC slabs (with props to be refixed immediately after removal of formwork)?

A : 7 days

B : 14 days

C : 21 days

D : 3 days

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 15) Which of the following statements pertaining are true or false?

ST1 : Mild steel has higher ultimate tensile strength when compared to high carbon steel

ST2 : TOR steel is high strength deformed bars with high yield and bond strength

A : Both ST1 and ST2 are true

B : ST1 is false and ST2 is true

C : ST1 is true and ST2 is false

D : Both St1 and ST2 are false

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 16) The shape of idealized stress-strain curve for concrete as prescribed by IS 456-2000 is

A : Rectangular

B : Parabolic

C : Rectangular-parabolic

D : None of these

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 17) In the limit state design of concrete structure, the strain distribution is assumed to be :

A : Linear

B : Nonlinear

C : Parabolic

D : Rectangular-parabolic

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 18) Minimum thickness of load bearing RCC wall should be

A : 5 cm

B : 10 cm

C : 15 cm

D : 20 cm

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 19) Mild steel used in RCC structure conforms to

A : IS : 432

B : IS : 1566

C : IS : 1786

D : IS : 2062

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 20) Percentage of steel for balanced design of a singly reinforced rectangular section by limit state method depends on

A : Characteristic strength of concrete

B : Yield strength of steel

C : Modulus of elasticity of steel

D : Geometry of the section

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 21) According to IS : 456, the number of grades of concrete mixes is-

A : 3

B : 4

C : 5

D : 7

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 22) In limit state approach, spacing of main reinforcement controls primarily _____.

A : Collapse

B : Durability

C : Deflection

D : Cracking

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 23) Permanent dimension changes due to loading of concrete is termed as :

A : Strain

B : Extent

C : Creep

D : Ambit

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 24) When not specified, the volume of steel in RCC work is taken as

A : 1% to 6% of RCC volume

B : 2% to 4% of RCC volume

C : 4% to 6% of RCC volume

D : 0.6% to 1% of RCC volume

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 25) Rise of a jack arch is kept about

A : $\frac{1}{2}$ to $\frac{1}{3}$ of the span

B : $\frac{1}{3}$ to $\frac{1}{4}$ of the span

C : $\frac{1}{4}$ to $\frac{1}{8}$ of the span

D : $\frac{1}{8}$ to $\frac{1}{2}$ of the span

RCC-1 | SSC JE PYQ | BY AVNISH SIR | EVEREXAM

Q : 26) The maximum thickness of concrete floor of a cement warehouse is

A : 10 cm

B : 15 cm

C : 20 cm

D : 25 cm



Congratulations To All Selected Candidates Of SSC JE MAINS 2020



ARPIT VERMA
(MES)



CHILAKA SUNNY TEJA
(MES)



GOPAL KRISHAN
(MES)



GAURAW GAUTAM
(CPWD)



KANDUKURI PRANAY
(CWC)



KUMAR KRISHNA
(MES)



MITTHU KUMAR TATMA
(CPWD)



MOOD CHARITHA
(CPWD)



NITESH PRATAP
(CPWD)



PALURU MOHAN
(BRO)



PANKAJ GUPTA
(MES)



PRASHANT KUMAR
(MES)



RAHUL SINGH
(MES)



RISHABH GUPTA
(CWC)



SAURABH PATEL
(MES)



SOUBHIK SHEEL
(MES)



TUSHAR MARAVI
(MES)

Many More.....

Install The EverExam App Now



Telegram Channel *EVEREXAM TECH*



किसी भी प्रकार की
सहायता
के लिए **संपर्क करें।**



8595517959, 7827455078