



एन सी एल

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| Test Date        | 06/07/2026                     |
| Test Time        | 12:30 PM - 2:00 PM             |
| Subject          | Overseer Civil T and S Grade C |

Section : Section A

Q.1 If culturable command area of an irrigation field is 120 hectares, out of which 60 hectares of the land is cultivated during rabi season, the intensity of irrigation during rabi season will be \_\_\_\_\_

- Ans
- ✓ 1. 50%
  - ✗ 2. 75%
  - ✗ 3. 25%
  - ✗ 4. 100%

Question ID : 4410091432360  
Option 1 ID : 4410095657769  
Option 2 ID : 4410095657770  
Option 3 ID : 4410095657771  
Option 4 ID : 4410095657772  
Status : Answered  
Chosen Option : 1

Q.2 Which factor is applied to convert short-term traffic volume counts into Annual Average Daily Traffic (AADT) for highway design purposes?

- Ans
- ✗ 1. Vehicle registration data
  - ✓ 2. Traffic growth factor
  - ✗ 3. Runoff coefficient
  - ✗ 4. Lane width adjustment factor

Question ID : 4410091050060  
Option 1 ID : 4410094149316  
Option 2 ID : 4410094149315  
Option 3 ID : 4410094149313  
Option 4 ID : 4410094149314  
Status : Answered  
Chosen Option : 1

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Q.3 Which physical property of marble polishing waste significantly influences its use as a filler in concrete or mortar?

- Ans
- ☒ 1. Magnetic properties
  - ☒ 2. High fineness and favorable particle size distribution
  - ☒ 3. High organic content
  - ☒ 4. High moisture content only

Question ID : 4410091430518  
Option 1 ID : 4410095650221  
Option 2 ID : 4410095650223  
Option 3 ID : 4410095650222  
Option 4 ID : 4410095650220  
Status : Answered  
Chosen Option : 2

Q.4 In a steel beam subjected to bending, what is the defining characteristic of the neutral axis?

- Ans
- ☒ 1. The centroid of the cross-section
  - ☒ 2. The axis where bending stress is zero
  - ☒ 3. The axis of symmetry of the beam
  - ☒ 4. The axis where maximum bending stress is found

Question ID : 4410091874644  
Option 1 ID : 4410097386135  
Option 2 ID : 4410097386133  
Option 3 ID : 4410097386136  
Option 4 ID : 4410097386134  
Status : Answered  
Chosen Option : 2

Q.5 Earthen dams are generally constructed at sites where:

- Ans
- ☒ 1. Concrete is easily available
  - ☒ 2. Masonry is preferable
  - ☒ 3. Locally available soil is abundant
  - ☒ 4. Strong rocky gorges are present

Question ID : 4410091235138  
Option 1 ID : 4410094874292  
Option 2 ID : 4410094874293  
Option 3 ID : 4410094874291  
Option 4 ID : 4410094874290  
Status : Answered  
Chosen Option : 3

**Q.6** The Liquidity Index ( $I_L$ ) of a clay is a crucial parameter in geotechnical engineering. If a clay sample has an  $I_L$  value greater than 1, which of the following best describes the soil's consistency and its expected engineering behavior?

- Ans**
- ☒ 1. The soil is in a brittle state and is susceptible to sudden, unpredicted volume change (collapse).
  - ☐ 2. The soil is in a liquid/viscous state and is extremely soft, having very low shear strength.
  - ☐ 3. The soil is in a semi-solid state and is highly compressible with low strength.
  - ☐ 4. The soil is in a plastic state and is stable, making it suitable for direct foundation support.

Question ID : 4410091476635  
Option 1 ID : 4410095833834  
Option 2 ID : 4410095833835  
Option 3 ID : 4410095833836  
Option 4 ID : 4410095833837  
Status : Answered  
Chosen Option : 2

**Q.7** According to IRC:93–1985, which of the following indications is shown on a pedestrian signal?

- Ans**
- ☒ 1. Steady green human figure, indicating pedestrians may cross
  - ☐ 2. Flashing amber, indicating pedestrians to wait
  - ☐ 3. Steady yellow light, indicating vehicles to slow down
  - ☐ 4. Flashing red arrow, indicating right-turn traffic

Question ID : 441009225325  
Option 1 ID : 441009882162  
Option 2 ID : 441009882161  
Option 3 ID : 441009882163  
Option 4 ID : 441009882164  
Status : Answered  
Chosen Option : 1

**Q.8** The primary purpose of the direct shear test is to determine which of the following soil properties?

- Ans**
- ☐ 1. The moisture content of the soil.
  - ☐ 2. The permeability of the soil.
  - ☒ 3. The shear strength of a soil.
  - ☐ 4. The unconfined compressive strength.

Question ID : 4410091262977  
Option 1 ID : 4410094984855  
Option 2 ID : 4410094984857  
Option 3 ID : 4410094984858  
Option 4 ID : 4410094984856  
Status : Answered  
Chosen Option : 3

Q.9 Which of the following factors does NOT directly affect bond stress between steel reinforcement surface and concrete in RCC structures?

- Ans    ☒ 1. Grade of aggregates used in concrete
- ☐ 2. Paint coating on bar surface
- ☐ 3. Grade of concrete used
- ☐ 4. Type of rebar surface

Question ID : 4410091472577  
Option 1 ID : 4410095818179  
Option 2 ID : 4410095818180  
Option 3 ID : 4410095818177  
Option 4 ID : 4410095818178  
Status : Answered  
Chosen Option : 2

Q.10 What type of channel has sloped sides and a flat bottom, resulting in a greater wetted perimeter and top width than its base width?

- Ans    ☐ 1. Semi-circular
- ☒ 2. Trapezoidal
- ☐ 3. V-shaped
- ☐ 4. Rectangular

Question ID : 441009985991  
Option 1 ID : 4410093896339  
Option 2 ID : 4410093896338  
Option 3 ID : 4410093896337  
Option 4 ID : 4410093896340  
Status : Answered  
Chosen Option : 2

Q.11 The falling head permeability test is used to determine the permeability of \_\_\_\_\_.

- Ans    ☐ 1. soil with no permeability
- ☐ 2. soil with high permeability
- ☐ 3. discharge rate of soil
- ☒ 4. soil with low permeability

Question ID : 44100982619  
Option 1 ID : 441009328265  
Option 2 ID : 441009328263  
Option 3 ID : 441009328266  
Option 4 ID : 441009328264  
Status : Answered  
Chosen Option : 4

Q.12 In the specific energy diagram for flow through open channels, the minimum point on the curve represents:

- Ans
- ☒ 1. Subcritical flow
  - ☒ 2. Critical flow
  - ☒ 3. Supercritical flow
  - ☒ 4. Uniform flow

Question ID : 4410091365831  
Option 1 ID : 4410095394915  
Option 2 ID : 4410095394917  
Option 3 ID : 4410095394916  
Option 4 ID : 4410095394918  
Status : Answered  
Chosen Option : 2

Q.13 Which one of the following is NOT the particulate pollution control device in industries?

- Ans
- ☒ 1. Centrifugal collector
  - ☒ 2. Wet scrubber
  - ☒ 3. Gravitational settling chamber
  - ☒ 4. Flow meter

Question ID : 4410091133336  
Option 1 ID : 4410094468706  
Option 2 ID : 4410094468707  
Option 3 ID : 4410094468705  
Option 4 ID : 4410094468708  
Status : Answered  
Chosen Option : 4

Q.14 For a cantilever beam subjected to a pure couple (moment) at the free end, which of the following statements is/are correct?

Statement 1: The shear force at any section along the cantilever beam is zero.  
Statement 2: The bending moment remains constant throughout the length of the beam.

- Ans
- ☒ 1. Only Statement 1 is correct
  - ☒ 2. Only Statement 2 is correct
  - ☒ 3. Both Statement 1 and Statement 2 are incorrect
  - ☒ 4. Both Statement 1 and Statement 2 are correct

Question ID : 441009108556  
Option 1 ID : 441009432152  
Option 2 ID : 441009432153  
Option 3 ID : 441009432155  
Option 4 ID : 441009432154  
Status : Answered  
Chosen Option : 4

Q.15 Which tile type is typically used for outdoor areas exposed to weather?

- Ans
- ☐ 1. Glazed tiles
  - ☐ 2. PVC tiles
  - ☒ 3. Terracotta tiles
  - ☐ 4. Marble tiles

Question ID : 441009146154  
Option 1 ID : 441009580486  
Option 2 ID : 441009580489  
Option 3 ID : 441009580488  
Option 4 ID : 441009580487  
Status : Answered  
Chosen Option : 1

Q.16 The rate of gain of strength in PPC as compared to OPC is:

- Ans
- ☐ 1. Same at all ages
  - ☐ 2. Faster in early days, slower later
  - ☐ 3. Depends on C<sub>3</sub>A content
  - ☒ 4. Slower in early days, faster later

Question ID : 4410091391155  
Option 1 ID : 4410095494261  
Option 2 ID : 4410095494263  
Option 3 ID : 4410095494262  
Option 4 ID : 4410095494264  
Status : Answered  
Chosen Option : 2

Q.17 What is a key step in the project initiation stage and also the formal acceptance of the proposal by public works department?

- Ans
- ☐ 1. Technical sanction
  - ☐ 2. Project plan approval
  - ☐ 3. Deposit work
  - ☒ 4. Administrative approval

Question ID : 4410091321696  
Option 1 ID : 4410095218306  
Option 2 ID : 4410095218308  
Option 3 ID : 4410095218307  
Option 4 ID : 4410095218305  
Status : Answered  
Chosen Option : 4

Q.18 What is the primary product of anaerobic digestion that can be used as a renewable energy source?

- Ans    ☒ 1. Methane
- ☐ 2. Water
- ☐ 3. Nitrogen
- ☐ 4. Carbon monoxide

Question ID : 4410091261787  
Option 1 ID : 4410094980021  
Option 2 ID : 4410094980023  
Option 3 ID : 4410094980024  
Option 4 ID : 4410094980022  
Status : Answered  
Chosen Option : 1

Q.19 Which of the following two compaction specifications are used for compaction of soil for highway projects?

- Ans    ☐ 1. Constructive and distructive specification
- ☒ 2. End product specification and method specification
- ☐ 3. Product specification and machinery specification
- ☐ 4. Method specification and material specification

Question ID : 44100981627  
Option 1 ID : 441009324135  
Option 2 ID : 441009324134  
Option 3 ID : 441009324136  
Option 4 ID : 441009324137  
Status : Answered  
Chosen Option : 2

Q.20 In an open channel flow, the total energy per unit weight of the liquid with respect to the bottom of the channel is called \_\_\_\_.

- Ans    ☐ 1. Hydraulic jump
- ☐ 2. Critical velocity
- ☒ 3. Specific energy
- ☐ 4. Critical depth

Question ID : 441009265454  
Option 1 ID : 4410091031676  
Option 2 ID : 4410091031675  
Option 3 ID : 4410091031673  
Option 4 ID : 4410091031674  
Status : Answered  
Chosen Option : 3

**Q.21** A civil engineer needs to design a beam with minimum deflection using the elastic curve equation. Which of the following parameters should be maximized for best results?

- Ans
- ☒ 1. Increase the load applied on structure
  - ☒ 2. Reduce the value of flexural rigidity (EI)
  - ☒ 3. Increase the value of flexural rigidity (EI)
  - ☒ 4. Increase the span length of structure

Question ID : 4410091874465  
Option 1 ID : 4410097385371  
Option 2 ID : 4410097385372  
Option 3 ID : 4410097385369  
Option 4 ID : 4410097385370  
Status : Answered  
Chosen Option : 3

**Q.22** What is the main concern associated with improper disposal of hazardous waste?

- Ans
- ☒ 1. Nutrient depletion in soil
  - ☒ 2. Greenhouse gas emission
  - ☒ 3. Lack of waste volume
  - ☒ 4. Contamination of soil and water

Question ID : 441009169698  
Option 1 ID : 441009671724  
Option 2 ID : 441009671723  
Option 3 ID : 441009671726  
Option 4 ID : 441009671725  
Status : Answered  
Chosen Option : 4

**Q.23** In a line of direct levels, which of the following correctly represents the sequence of staff readings associated with a Turning Point (Change Point)?

Where,  
Fore sight = F.S  
Back sight = B.S  
Intermediate sight = I.S

- Ans
- ☒ 1. Only F.S. reading is taken on the point
  - ☒ 2. B.S. followed by F.S. on the same point
  - ☒ 3. Only B.S. reading is taken on the point
  - ☒ 4. B.S. followed by I.S. on the same point

Question ID : 4410091396841  
Option 1 ID : 4410095517030  
Option 2 ID : 4410095517028  
Option 3 ID : 4410095517031  
Option 4 ID : 4410095517029  
Status : Answered  
Chosen Option : 2

Q.24 Which one of the following is INCORRECT according to the environmental management in fabrication industry?

- Ans
- ☐ 1. Waste reduction
  - ☐ 2. Sustainable metal fabrication
  - ☐ 3. Reduce emission
  - ☒ 4. More power consumption

Question ID : 4410091133314  
Option 1 ID : 4410094468613  
Option 2 ID : 4410094468614  
Option 3 ID : 4410094468616  
Option 4 ID : 4410094468615  
Status : Answered  
Chosen Option : 4

Q.25 In concrete making, the Flaky aggregates are those having:

- Ans
- ☐ 1. Thickness > mean sieve size
  - ☐ 2. Width < 1.8 times mean sieve size
  - ☒ 3. Thickness < 0.6 times the mean sieve size
  - ☐ 4. Length > 3 times thickness

Question ID : 4410091386692  
Option 1 ID : 4410095477454  
Option 2 ID : 4410095477453  
Option 3 ID : 4410095477452  
Option 4 ID : 4410095477451  
Status : Answered  
Chosen Option : 3

Q.26 Euler's formula for buckling is valid only when the column is:

- Ans
- ☐ 1. made of composite materials
  - ☐ 2. subjected to non-axial loads
  - ☒ 3. long and slender
  - ☐ 4. short and thick

Question ID : 44100912233  
Option 1 ID : 44100948737  
Option 2 ID : 44100948738  
Option 3 ID : 44100948736  
Option 4 ID : 44100948735  
Status : Answered  
Chosen Option : 3

Q.27 \_\_\_\_\_ is a key step in the project initial stage, ensuring that the proposed works are in line with the public works department and providing the budget for the project.

- Ans
- ☐ 1. Invoice
  - ☐ 2. Construction budget
  - ☒ 3. Administrative approval
  - ☐ 4. Estimate

Question ID : 441009106787  
Option 1 ID : 441009425187  
Option 2 ID : 441009425190  
Option 3 ID : 441009425189  
Option 4 ID : 441009425188  
Status : Answered  
Chosen Option : 4

Q.28 In a super passage, the drain water generally flows:

- Ans
- ☐ 1. in a closed conduit
  - ☒ 2. wWith a free surface
  - ☐ 3. under pressure
  - ☐ 4. through siphonic action

Question ID : 441009103702  
Option 1 ID : 441009413019  
Option 2 ID : 441009413018  
Option 3 ID : 441009413017  
Option 4 ID : 441009413020  
Status : Answered  
Chosen Option : 2

Q.29 As per IS 712, which class of building lime is represented by magnesium/dolomitic lime, used for the finishing coat in plastering, whitewashing, etc?

- Ans
- ☐ 1. Class B
  - ☐ 2. Class C
  - ☒ 3. Class D
  - ☐ 4. Class A

Question ID : 4410091215916  
Option 1 ID : 4410094797056  
Option 2 ID : 4410094797057  
Option 3 ID : 4410094797058  
Option 4 ID : 4410094797055  
Status : Answered  
Chosen Option : 3

Q.30 A homogeneous earthen dam is constructed using:

- Ans    ☒ 1. a single type of material throughout
- ☐ 2. only sandy soil
- ☐ 3. zoned sections with impervious and pervious materials
- ☐ 4. masonry core and earthen shell

Question ID : 4410091213865  
Option 1 ID : 4410094788861  
Option 2 ID : 4410094788864  
Option 3 ID : 4410094788862  
Option 4 ID : 4410094788863  
Status : Answered  
Chosen Option : 1

Q.31 As per Limit State Method (LSM) of design of an isolated reinforced concrete footing slabs, the design is based on ensuring adequate \_\_\_\_ under factored loads.

- Ans    ☐ 1. Ignoring shear and considering bending only
- ☒ 2. Ultimate load carrying capacity
- ☐ 3. Only soil bearing capacity
- ☐ 4. Serviceability alone

Question ID : 4410091376086  
Option 1 ID : 4410095435870  
Option 2 ID : 4410095435869  
Option 3 ID : 4410095435871  
Option 4 ID : 4410095435868  
Status : Answered  
Chosen Option : 4

Q.32 Which water distribution system is used to maintain adequate pressure in high-rise buildings?

- Ans    ☐ 1. Open channel flow system
- ☐ 2. Underground supply tank system
- ☒ 3. Pumping distribution system
- ☐ 4. Surge tank supply system

Question ID : 4410091450702  
Option 1 ID : 4410095731265  
Option 2 ID : 4410095731264  
Option 3 ID : 4410095731263  
Option 4 ID : 4410095731262  
Status : Answered  
Chosen Option : 3

Q.33 If the volume of excavation between two contour levels is positive, what does this indicate?

- Ans
- ☐ 1. No earthwork required
  - ☐ 2. Water storage volume
  - ☐ 3. Fill (Embarkment) is needed
  - ☒ 4. Cut (Excavation) is needed

Question ID : 4410091363120  
Option 1 ID : 4410095384417  
Option 2 ID : 4410095384418  
Option 3 ID : 4410095384416  
Option 4 ID : 4410095384415  
Status : Answered  
Chosen Option : 1

Q.34 When designing a plate girder, the web is mainly designed to resist the \_\_\_\_\_.

- Ans
- ☐ 1. torsion
  - ☐ 2. bending moment
  - ☒ 3. shear
  - ☐ 4. axial force

Question ID : 441009311051  
Option 1 ID : 4410091210705  
Option 2 ID : 4410091210704  
Option 3 ID : 4410091210707  
Option 4 ID : 4410091210706  
Status : Answered  
Chosen Option : 3

Q.35 Read the given statements of statement and conclusions carefully and select the correct option.

Statement: According to IS 456:2000, vertical formwork to columns, walls, and beams can be removed within 16–24 hours if adequate curing and normal temperature conditions exist.

Conclusion I: Formwork for columns and walls may be removed the very next day after casting.  
Conclusion II: Columns and walls can safely carry full design load immediately after removing formwork.

- Ans
- ☐ 1. Neither conclusion I nor II follows.
  - ☐ 2. Both conclusions I and II follow.
  - ☒ 3. Only conclusion I follows.
  - ☐ 4. Only conclusion II follows.

Question ID : 4410091243300  
Option 1 ID : 4410094906519  
Option 2 ID : 4410094906518  
Option 3 ID : 4410094906516  
Option 4 ID : 4410094906517  
Status : Answered  
Chosen Option : 2

Q.36 A simple U-tube manometer contains water. The observed level difference is 50 mm. Take  $g = 10 \text{ m/s}^2$ . The pressure difference is:

- Ans
- ☒ 1. 0.5 Pa
  - ☒ 2. 50 Pa
  - ☒ 3. 5 Pa
  - ☒ 4. 500 Pa

Question ID : 4410091225335  
Option 1 ID : 4410094834852  
Option 2 ID : 4410094834849  
Option 3 ID : 4410094834851  
Option 4 ID : 4410094834850  
Status : Answered  
Chosen Option : 3

Q.37 Which of the following statements best describes a "well-graded" soil in terms of grain size distribution?

- Ans
- ☒ 1. Soil containing predominantly fine particles like silt and clay
  - ☒ 2. Soil with gap-graded distribution having missing intermediate particle sizes
  - ☒ 3. Soil containing particles mostly of the same size with little variation
  - ☒ 4. Soil with a continuous and wide range of particle sizes from coarse to fine

Question ID : 4410091441290  
Option 1 ID : 4410095693814  
Option 2 ID : 4410095693813  
Option 3 ID : 4410095693811  
Option 4 ID : 4410095693812  
Status : Answered  
Chosen Option : 4

Q.38 Which of the following is a curve setting method based purely on linear measurements?

- Ans
- ☒ 1. Angular bisection
  - ☒ 2. Chord and offset method
  - ☒ 3. Deflection angle method
  - ☒ 4. Rankine's tangential method

Question ID : 441009917673  
Option 1 ID : 4410093624756  
Option 2 ID : 4410093624754  
Option 3 ID : 4410093624753  
Option 4 ID : 4410093624755  
Status : Answered  
Chosen Option : 2

Q.39 Which section classification is the most appropriate for indeterminate steel frames that develop plastic hinges and form collapse mechanisms?

- Ans
- ☐ 1. Slender sections
  - ☐ 2. Cold-formed sections
  - ☐ 3. Semi-compact sections
  - ☒ 4. Plastic sections

Question ID : 441009157660  
Option 1 ID : 441009625807  
Option 2 ID : 441009625808  
Option 3 ID : 441009625806  
Option 4 ID : 441009625805  
Status : Answered  
Chosen Option : 4

Q.40 Why is triangulation preferred for large-area surveys?

- Ans
- ☐ 1. It requires less skill.
  - ☐ 2. It doesn't need control points.
  - ☒ 3. It minimises direct distance measurements.
  - ☐ 4. It eliminates angular errors.

Question ID : 4410091198927  
Option 1 ID : 4410094729553  
Option 2 ID : 4410094729555  
Option 3 ID : 4410094729552  
Option 4 ID : 4410094729554  
Status : Answered  
Chosen Option : 2

Q.41 Carbon footprint refers to:

- Ans
- ☐ 1. Soil carbon concentration
  - ☒ 2. Total amount of greenhouse gases emitted directly or indirectly
  - ☐ 3. Carbon content in fossil fuels
  - ☐ 4. Measurement of coal quality

Question ID : 44100995542  
Option 1 ID : 441009380124  
Option 2 ID : 441009380125  
Option 3 ID : 441009380126  
Option 4 ID : 441009380127  
Status : Answered  
Chosen Option : 2

Q.42 Which quantity is required to calculate manometric head ?

- Ans
- ☐ 1. Pump efficiency
  - ☐ 2. Fluid velocity only
  - ☐ 3. Pipe diameter
  - ☒ 4. Pressure difference

Question ID : 4410091224161  
Option 1 ID : 4410094830102  
Option 2 ID : 4410094830101  
Option 3 ID : 4410094830100  
Option 4 ID : 4410094830099  
Status : Answered  
Chosen Option : 4

Q.43 What is the primary structural role of reinforcement in axially loaded reinforced concrete columns?

- Ans
- ☐ 1. To increase the compressive strength of plain concrete directly
  - ☐ 2. To increase stiffness of column without affecting strength
  - ☐ 3. To carry the entire axial load without contribution of concrete
  - ☒ 4. To resist tensile stresses and improve ductility

Question ID : 4410091874505  
Option 1 ID : 4410097385527  
Option 2 ID : 4410097385526  
Option 3 ID : 4410097385528  
Option 4 ID : 4410097385525  
Status : Answered  
Chosen Option : 4

Q.44 A saturated soil specimen is found to have a void ratio (e) of 0.50. If the discharge velocity (v), calculated using Darcy's Law and the total cross-sectional area, is measured under a certain hydraulic gradient, by what factor does the actual seepage velocity ( $v_s$ ), the true velocity of water through the pores, exceed the discharge velocity (v)?

- Ans
- ☐ 1. A factor of 1.5
  - ☐ 2. A factor of 2.0
  - ☒ 3. A factor of 3.0
  - ☐ 4. A factor of 0.5

Question ID : 4410091506581  
Option 1 ID : 4410095950681  
Option 2 ID : 4410095950682  
Option 3 ID : 4410095950680  
Option 4 ID : 4410095950679  
Status : Answered  
Chosen Option : 3

Q.45 Where is the surplus water from a canal escape typically released?

- Ans ☒ 1. Drainage channel or natural stream
- ☐ 2. Aquifer
- ☐ 3. Another canal
- ☐ 4. Percolation tank

Question ID : 4410091187025  
Option 1 ID : 4410094682243  
Option 2 ID : 4410094682245  
Option 3 ID : 4410094682242  
Option 4 ID : 4410094682244  
Status : Answered  
Chosen Option : 1

Q.46 If the friction between road and tyre decreases, what is the most likely immediate effect on vehicle safety?

- Ans ☐ 1. Increase in fuel consumption
- ☐ 2. Increase in tyre wear
- ☒ 3. Increased risk of skidding of vehicle
- ☐ 4. Improvement in braking performance

Question ID : 4410091873787  
Option 1 ID : 4410097382744  
Option 2 ID : 4410097382742  
Option 3 ID : 4410097382741  
Option 4 ID : 4410097382743  
Status : Answered  
Chosen Option : 3

Q.47 For a simply supported beam with a central point load, where does the maximum deflection occur?

- Ans ☒ 1. At the midpoint of the beam
- ☐ 2. At the quarter span of the beam
- ☐ 3. Near the end of the beam
- ☐ 4. At the end support of the beam

Question ID : 4410091874452  
Option 1 ID : 4410097385321  
Option 2 ID : 4410097385323  
Option 3 ID : 4410097385324  
Option 4 ID : 4410097385322  
Status : Answered  
Chosen Option : 1

**Q.48** According to IS 1904:1986, when the ground surface slopes downward adjacent to a footing, which of the following correctly describes the requirements for the frustum of bearing material and the minimum horizontal distances?

- Ans**    ☒ 1. The frustum sides make an angle of 30° with the horizontal for rock; horizontal distance at least 90 cm for rock and 60 cm for soil.
- ☒ 2. The frustum sides make an angle of 45° with the horizontal for soil; horizontal distance at least 90 cm for rock and 60 cm for soil.
- ☒ 3. The frustum sides make an angle of 30° with the horizontal for soil; horizontal distance at least 60 cm for rock and 90 cm for soil.
- ☒ 4. The frustum sides make an angle of 45° with the horizontal for rock; horizontal distance at least 60 cm for rock and 90 cm for soil.

Question ID : 4410091191908  
Option 1 ID : 4410094701591  
Option 2 ID : 4410094701589  
Option 3 ID : 4410094701590  
Option 4 ID : 4410094701592  
Status : Answered  
Chosen Option : 2

**Q.49** In a hospital renovation, which of the following material should be selected for the viewing panels in a radiology department to ensure safety and visibility?

- Ans**    ☒ 1. Steel plate
- ☒ 2. Acrylic panel
- ☒ 3. Lead glass
- ☒ 4. Ordinary glass

Question ID : 4410091874432  
Option 1 ID : 4410097385244  
Option 2 ID : 4410097385242  
Option 3 ID : 4410097385243  
Option 4 ID : 4410097385241  
Status : Answered  
Chosen Option : 3

**Q.50** For a column with both of its ends are pinned, the Euler's critical load is inversely proportional to:

- Ans**    ☒ 1. Radius of gyration
- ☒ 2. Modulus of elasticity
- ☒ 3. Column effective length squared
- ☒ 4. Column effective length

Question ID : 441009934977  
Option 1 ID : 4410093693632  
Option 2 ID : 4410093693631  
Option 3 ID : 4410093693629  
Option 4 ID : 4410093693630  
Status : Answered  
Chosen Option : 3

Q.51 Why are change points used in differential levelling?

- Ans
- ☒ 1. To measure horizontal angles
  - ☒ 2. To transfer elevation across obstacles/long distances
  - ☒ 3. To avoid using a levelling staff
  - ☒ 4. To reduce instrument cost

Question ID : 4410091198981  
Option 1 ID : 4410094729769  
Option 2 ID : 4410094729771  
Option 3 ID : 4410094729770  
Option 4 ID : 4410094729768  
Status : Answered  
Chosen Option : 2

Q.52 If the subgrade in pavement composition is weak, which of the following engineering solutions may be adopted to improve pavement performance?

- Ans
- ☒ 1. Omitting the sub-base layer
  - ☒ 2. Using single-layered pavement
  - ☒ 3. Reducing base course thickness
  - ☒ 4. Providing a thicker sub-base

Question ID : 4410091874290  
Option 1 ID : 4410097384679  
Option 2 ID : 4410097384680  
Option 3 ID : 4410097384678  
Option 4 ID : 4410097384677  
Status : Answered  
Chosen Option : 4

Q.53 A simply supported beam of span 6 m carries a concentrated load of 10 kN at its mid-span. Determine the maximum bending moment in the beam.

- Ans
- ☒ 1. 18 kNm
  - ☒ 2. 20 kNm
  - ☒ 3. 12 kNm
  - ☒ 4. 15 kNm

Question ID : 4410091421883  
Option 1 ID : 4410095616422  
Option 2 ID : 4410095616423  
Option 3 ID : 4410095616420  
Option 4 ID : 4410095616421  
Status : Answered  
Chosen Option : 4

Q.54 The design of an axially loaded RCC column is primarily governed by its tendency to fail by buckling, which is dependent on \_\_\_\_\_.

- Ans
- ☒ 1. the compressive strength of concrete only
  - ☒ 2. the tensile strength of steel only
  - ☒ 3. the colour of the reinforcement bars
  - ☒ 4. the slenderness ratio of column

Question ID : 4410091168193  
Option 1 ID : 4410094607321  
Option 2 ID : 4410094607322  
Option 3 ID : 4410094607323  
Option 4 ID : 4410094607324  
Status : Answered  
Chosen Option : 4

Q.55 In flexible pavement construction, a tack coat is typically applied between which two layers?

- Ans
- ☒ 1. Existing bituminous layer and new bituminous overlay
  - ☒ 2. Bituminous surface layer and granular sub-base
  - ☒ 3. Granular sub-base and subgrade
  - ☒ 4. Base layer and subgrade

Question ID : 4410091114694  
Option 1 ID : 4410094394725  
Option 2 ID : 4410094394724  
Option 3 ID : 4410094394726  
Option 4 ID : 4410094394723  
Status : Answered  
Chosen Option : 1

Q.56 Which of the following sections is generally least suitable as a long slender compression member because of poor torsional rigidity and unsymmetrical shape?

- Ans
- ☒ 1. Box section
  - ☒ 2. Single angle section
  - ☒ 3. I-section
  - ☒ 4. Tubular section

Question ID : 4410091874629  
Option 1 ID : 4410097386042  
Option 2 ID : 4410097386044  
Option 3 ID : 4410097386043  
Option 4 ID : 4410097386041  
Status : Answered  
Chosen Option : 1

Q.57 For a constant factored shear force ( $V_u$ ) and effective depth ( $d$ ), if the width of the beam ( $b$ ) is doubled, the nominal shear stress ( $\tau_v$ ) will \_\_\_\_\_

- Ans
- ☐ 1. Reduce to one-fourth (25%).
  - ☐ 2. Remain unchanged.
  - ☐ 3. Increase by 100%.
  - ☒ 4. Reduce to half (50%).

Question ID : 4410091360987  
Option 1 ID : 4410095376025  
Option 2 ID : 4410095376026  
Option 3 ID : 4410095376024  
Option 4 ID : 4410095376023  
Status : Answered  
Chosen Option : 4

Q.58 For determining soundness due to excessive gypsum and free lime, the suitable test is:

- Ans
- ☐ 1. Autoclave test
  - ☐ 2. Vicat test
  - ☐ 3. Blaine's test
  - ☒ 4. Le-Chatelier test

Question ID : 4410091391429  
Option 1 ID : 4410095495384  
Option 2 ID : 4410095495382  
Option 3 ID : 4410095495385  
Option 4 ID : 4410095495383  
Status : Answered  
Chosen Option : 1

Q.59 Which of the following is the main purpose of using fine aggregates in concrete ?

- Ans
- ☒ 1. Fill voids between coarse aggregates
  - ☐ 2. Reduce cement quantity only
  - ☐ 3. Improve colour
  - ☐ 4. Increase weight

Question ID : 4410091485372  
Option 1 ID : 4410095867962  
Option 2 ID : 4410095867964  
Option 3 ID : 4410095867963  
Option 4 ID : 4410095867961  
Status : Answered  
Chosen Option : 1

**Q.60** Calculate the cost of the strainer required in the tube well of diameter 40 mm with ordinary hand pump. Given two stainers of length 150 cm each and 40 mm diameter are fixed in the coarse sand layer of the tube well. Assume that the strainer rate is ₹100 per metre.

- Ans
- ☒ 1. ₹200
  - ☒ 2. ₹100
  - ☒ 3. ₹300
  - ☒ 4. ₹150

Question ID : 44100922441  
Option 1 ID : 44100989496  
Option 2 ID : 44100989497  
Option 3 ID : 44100989495  
Option 4 ID : 44100989498  
Status : Answered  
Chosen Option : 3

**Q.61** What is the effect of inadequate curing on concrete durability?

- Ans
- ☒ 1. Reduces shrinkage
  - ☒ 2. Increases compressive strength
  - ☒ 3. Improves durability
  - ☒ 4. Increases permeability

Question ID : 4410091203098  
Option 1 ID : 4410094745927  
Option 2 ID : 4410094745929  
Option 3 ID : 4410094745926  
Option 4 ID : 4410094745928  
Status : Answered  
Chosen Option : 1

**Q.62** What is the maximum prescribed gradient in station yards on Indian Railways?

- Ans
- ☒ 1. 1 in 1000
  - ☒ 2. 1 in 2000
  - ☒ 3. 1 in 400
  - ☒ 4. 1 in 100

Question ID : 441009139476  
Option 1 ID : 441009554181  
Option 2 ID : 441009554182  
Option 3 ID : 441009554180  
Option 4 ID : 441009554179  
Status : Answered  
Chosen Option : 3

Q.63 Choose the correct statements:

The quantity of shuttering can be taken as:  
A: meter cube when it is included with concrete work.  
B: meter square when it is taken separately.  
C: meter square when it is included with concrete work.

- Ans ☒ 1. A and B  
☐ 2. A only  
☐ 3. B and C  
☐ 4. A and C

Question ID : 44100978686  
Option 1 ID : 441009312751  
Option 2 ID : 441009312754  
Option 3 ID : 441009312752  
Option 4 ID : 441009312753  
Status : Answered  
Chosen Option : 1

Q.64 When measuring vacuum pressure using a U-tube manometer, the pressure reading will be:

- Ans ☐ 1. Greater than absolute pressure  
☐ 2. Positive value  
☒ 3. Negative value relative to atmospheric pressure  
☐ 4. Equal to zero

Question ID : 4410091211799  
Option 1 ID : 4410094780621  
Option 2 ID : 4410094780618  
Option 3 ID : 4410094780619  
Option 4 ID : 4410094780620  
Status : Answered  
Chosen Option : 3

Q.65 Which of the following factors has the most significant influence on the compressive strength of hardened concrete?

- Ans ☐ 1. Type of formwork  
☒ 2. Water-cement ratio  
☐ 3. Aggregate size  
☐ 4. Type of curing compound

Question ID : 4410091203088  
Option 1 ID : 4410094745891  
Option 2 ID : 4410094745892  
Option 3 ID : 4410094745890  
Option 4 ID : 4410094745893  
Status : Answered  
Chosen Option : 2

Q.66 Stopping Sight Distance is the distance required for a driver to:

- Ans    ☒ 1. Overtake another vehicle
- ☒ 2. Stop the vehicle safely after seeing an obstruction
- ☒ 3. Change lanes safely
- ☒ 4. Turn at an intersection

Question ID : 4410091520360  
Option 1 ID : 4410096004691  
Option 2 ID : 4410096004693  
Option 3 ID : 4410096004690  
Option 4 ID : 4410096004692  
Status : Answered  
Chosen Option : 2

Q.67 The quantity of colour washing is equivalent to the quantity of \_\_\_\_\_.

- Ans    ☒ 1. wood work
- ☒ 2. brickwork
- ☒ 3. flooring
- ☒ 4. white washing

Question ID : 44100976155  
Option 1 ID : 441009302881  
Option 2 ID : 441009302883  
Option 3 ID : 441009302882  
Option 4 ID : 441009302880  
Status : Answered  
Chosen Option : 4

Q.68 Identify the survey task that can be efficiently performed using a Total Station along with appropriate software.

- Ans    ☒ 1. Pavement mix design
- ☒ 2. Profile leveling and contouring
- ☒ 3. Determination of soil plasticity index
- ☒ 4. Measurement of wind load on structures

Question ID : 4410091192669  
Option 1 ID : 4410094704605  
Option 2 ID : 4410094704606  
Option 3 ID : 4410094704603  
Option 4 ID : 4410094704604  
Status : Answered  
Chosen Option : 2

Q.69 Which of the following specific sets of measures is directly associated with increasing bond strength between steel and concrete?

- Ans ☒ 1. Use of epoxy-coated bars, use of large diameter bars and reduction in concrete grade
- ☒ 2. Use of plain bars, increase in bar diameter and reduction in the quantity of stirrups
- ☒ 3. Use of bundled reinforcement bars and reduction in concrete cover
- ☒ 4. Use of HYSD bars, greater bar diameter within the code specified limit and increase in concrete grade

Question ID : 441009157820  
Option 1 ID : 441009626264  
Option 2 ID : 441009626262  
Option 3 ID : 441009626265  
Option 4 ID : 441009626263  
Status : Answered  
Chosen Option : 4

Q.70 The total route length of Indian Railways is 67,956 km (as of 2023 data). If Narrow Gauge (comprising both 762 mm and 610 mm) constitutes 2.1% of this total route length, calculate the approximate route length (in kilometres) under Narrow Gauge.

- Ans ☒ 1. 1,427 km
- ☒ 2. 1,210 km
- ☒ 3. 1,043 km
- ☒ 4. 1,550 km

Question ID : 4410091242430  
Option 1 ID : 4410094903076  
Option 2 ID : 4410094903077  
Option 3 ID : 4410094903078  
Option 4 ID : 4410094903079  
Status : Answered  
Chosen Option : 1

Section : Section B

Q.1 सात व्यक्ति, I, J, K, L, Q, R और S, एक पंक्ति में उत्तर की ओर अभिमुख होकर बैठे हैं। S के बाएं ओर केवल तीन व्यक्ति बैठे हैं। Q के दाएं केवल I बैठा है। Q और K के बीच केवल तीन व्यक्ति बैठे हैं। L, J के बाएं किसी स्थान पर लेकिन R के दाएं किसी स्थान पर बैठा है। R और J के बीच कितने व्यक्ति बैठे हैं?

- Ans ☒ 1. चार
- ☒ 2. तीन
- ☒ 3. एक
- ☒ 4. दो

Question ID : 441009224629  
Option 1 ID : 441009879657  
Option 2 ID : 441009879656  
Option 3 ID : 441009879654  
Option 4 ID : 441009879655  
Status : Answered  
Chosen Option : 2

Q.2 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', what will come in place of the question mark '?' in the following equation?  
28 Q 7 S 6 P 3 R 4 = ?

- Ans
- ☒ 1. 20
  - ☒ 2. 24
  - ☒ 3. 18
  - ☒ 4. 22

Question ID : 4410091853072  
Option 1 ID : 4410097303974  
Option 2 ID : 4410097303977  
Option 3 ID : 4410097303976  
Option 4 ID : 4410097303975  
Status : Answered  
Chosen Option : 3

Q.3 x वस्तुएँ खरीदने पर दो वस्तुएँ मुफ्त दी जाती हैं, जिससे कुल  $33\frac{1}{3}\%$  की छूट मिलती है।  
x का मान ज्ञात कीजिए।

- Ans
- ☒ 1. 5
  - ☒ 2. 3
  - ☒ 3. 4
  - ☒ 4. 6

Question ID : 4410091456965  
Option 1 ID : 4410095756157  
Option 2 ID : 4410095756155  
Option 3 ID : 4410095756156  
Option 4 ID : 4410095756158  
Status : Answered  
Chosen Option : 3

Q.4 अरविंद ने एक वस्तु ₹x में खरीदी। उसने इसे बिरू को 12% हानि पर बेच दिया। बिरू ने इसके परिवहन पर ₹145 खर्च किए तथा इसे मीनू को 52% लाभ पर बेच दिया। यदि मीनू ने इसे ₹1558 में खरीदा, तो x का मान ज्ञात कीजिए।

- Ans
- ☒ 1. 1000
  - ☒ 2. 975
  - ☒ 3. 1046
  - ☒ 4. 982

Question ID : 441009561680  
Option 1 ID : 4410092201987  
Option 2 ID : 4410092201990  
Option 3 ID : 4410092201988  
Option 4 ID : 4410092201989  
Status : Answered  
Chosen Option : 4

Q.5 एक रेस्तरां अपने विशेष खानपान कार्यक्रमों के लिए उपयोग की जाने वाली सामग्रियों की लागत को ट्रैक करता है। व्यय एक विशेष पैटर्न का अनुसरण करते हैं: तीसरे कार्यक्रम से प्रारम्भ करते हुए, सामग्रियों की लागत पिछले दो कार्यक्रमों की लागतों को जोड़कर प्राप्त की जाती है। पहले तीन कार्यक्रमों के लिए, सामग्रियों की लागत ₹650, ₹1040, और ₹1690 थी। इस पैटर्न के आधार पर, चौथे कार्यक्रम के लिए सामग्री की लागत ज्ञात कीजिए।

- Ans
- ✗ 1. ₹2190
  - ✗ 2. ₹1290
  - ✓ 3. ₹2730
  - ✗ 4. ₹1860

Question ID : 4410091888462  
Option 1 ID : 4410097440215  
Option 2 ID : 4410097440216  
Option 3 ID : 4410097440213  
Option 4 ID : 4410097440214  
Status : Answered  
Chosen Option : 3

Q.6 एक व्यक्ति 10 km/h की चाल से 6 घंटे में एक निश्चित दूरी तय करता है तथा 4 km/h की चाल से 10 घंटे में कुछ और दूरी तय करता है। संपूर्ण यात्रा के लिए उसकी औसत चाल (km/h में) ज्ञात कीजिए।

- Ans
- ✗ 1.  $5\frac{1}{4}$
  - ✗ 2.  $8\frac{1}{4}$
  - ✓ 3.  $6\frac{1}{4}$
  - ✗ 4.  $7\frac{1}{4}$

Question ID : 441009928647  
Option 1 ID : 4410093668562  
Option 2 ID : 4410093668563  
Option 3 ID : 4410093668561  
Option 4 ID : 4410093668564  
Status : Answered  
Chosen Option : 4

Q.7 एक आदमी ₹24 प्रति kg वाले 6 kg गेहूं को ₹36 प्रति kg वाले 4 kg गेहूं में मिलाता है। मिश्रण का औसत मूल्य (प्रति kg) ज्ञात कीजिए।

- Ans ☒ 1. ₹28.80
- ☐ 2. ₹32
- ☐ 3. ₹30
- ☐ 4. ₹26.80

Question ID : 4410091888401  
Option 1 ID : 4410097439956  
Option 2 ID : 4410097439953  
Option 3 ID : 4410097439954  
Option 4 ID : 4410097439955  
Status : Answered  
Chosen Option : 1

Q.8 2025 में केरल की नई स्वीकृत स्वास्थ्य-देखभाल सुधार पहल का क्या नाम है?

- Ans ☐ 1. इंटीग्रेटेड हेल्थ विजन केरल (Integrated Health Vision Kerala)
- ☐ 2. केरल वेलनेस प्रोग्राम (Kerala Wellness Program)
- ☒ 3. केरल हेल्थ सिस्टम इम्प्रूवमेंट प्रोग्राम (Kerala Health System Improvement Programme)
- ☐ 4. निरामय हेल्थ इम्प्रूवमेंट एंड वेलनेस प्लान (Niramaya Health Improvement and Wellness Plan)

Question ID : 441009370915  
Option 1 ID : 4410091449560  
Option 2 ID : 4410091449557  
Option 3 ID : 4410091449558  
Option 4 ID : 4410091449559  
Status : Answered  
Chosen Option : 3

Q.9 अंग्रेजी वर्णमाला के क्रम के आधार पर, निम्नलिखित चार अक्षर समूह युग्मों में से तीन एक निश्चित तरीके से समान हैं और इस प्रकार एक ग्रुप बनाते हैं। कौन-सा उस ग्रुप से संबंधित नहीं है?  
(नोट: असंगत अक्षर-समूह युग्म व्यंजनों/स्वरों की संख्या या अक्षर-समूह में उनके स्थान पर आधारित नहीं है।)

- Ans ☒ 1. LS - XF
- ☐ 2. EL - QX
- ☐ 3. ZG - LS
- ☐ 4. QX - CJ

Question ID : 441009877549  
Option 1 ID : 4410093463815  
Option 2 ID : 4410093463814  
Option 3 ID : 4410093463813  
Option 4 ID : 4410093463812  
Status : Answered  
Chosen Option : 1

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following sets.  
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)  
(92, 12, 312)  
(84, 15, 297)

- Ans    ☒ 1. (92, 18, 340)  
         ☒ 2. (76, 11, 261)  
         ☒ 3. (55, 18, 218)  
         ☒ 4. (48, 56, 316)

Question ID : 441009229530  
Option 1 ID : 441009897659  
Option 2 ID : 441009897661  
Option 3 ID : 441009897662  
Option 4 ID : 441009897660  
Status : Answered  
Chosen Option : 2

Q.11 एक टैक्सी 50 km/h की चाल से शहर A से शहर B तक 100 km की यात्रा करती है और फिर 75 km/h की चाल से शहर B से शहर A तक की समान दूरी तय करके वापस आती है। दोनों ओर की सम्पूर्ण यात्रा के लिए औसत चाल ज्ञात कीजिए।

- Ans    ☒ 1.  
         58 km/h  
         ☒ 2.  
         60 km/h  
         ☒ 3.  
         63 km/h  
         ☒ 4.  
         55 km/h

Question ID : 4410091888493  
Option 1 ID : 4410097440335  
Option 2 ID : 4410097440336  
Option 3 ID : 4410097440333  
Option 4 ID : 4410097440334  
Status : Answered  
Chosen Option : 2

Q.12 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?  
KDW 4, NGZ 13, QJC 31, TMF 67, WPI 139, ?

- Ans ☒ 1. ZSL 283
- ☐ 2. ZSL 281
- ☐ 3. YSL 283
- ☐ 4. ZLL 283

Question ID : 441009708378  
Option 1 ID : 4410092787483  
Option 2 ID : 4410092787484  
Option 3 ID : 4410092787486  
Option 4 ID : 4410092787485  
Status : Answered  
Chosen Option : 1

Q.13 अप्रैल 2025 में जारी विज्ञान और प्रौद्योगिकी विभाग के सर्वे ऑफ इंडिया की रिपोर्ट के अनुसार, कुल तटरेखा के अद्यतन माप के आधार पर निम्नलिखित में से किस राज्य में भारत का सबसे बड़ा तटीय क्षेत्र है?

- Ans ☒ 1. गुजरात
- ☐ 2. आंध्र प्रदेश
- ☐ 3. तमिलनाडु
- ☐ 4. अंडमान और निकोबार द्वीप समूह

Question ID : 4410091594656  
Option 1 ID : 4410096298836  
Option 2 ID : 4410096298839  
Option 3 ID : 4410096298837  
Option 4 ID : 4410096298838  
Status : Answered  
Chosen Option : 3

Q.14 Which of the following defense exercises has been conducted in April 2025 between India and Uzbekistan?

- Ans ☒ 1. Dustlik
- ☐ 2. Tiger Triumph
- ☐ 3. Khanjar
- ☐ 4. Ekuverin

Question ID : 441009100367  
Option 1 ID : 441009399430  
Option 2 ID : 441009399433  
Option 3 ID : 441009399431  
Option 4 ID : 441009399432  
Status : Answered  
Chosen Option : 1

Q.15 What is the correct full form of NABARD?

- Ans
- ☒ 1. National Authority for Agricultural Banking and Rural Development
  - ☒ 2. National Bank for Agriculture and Rural Development
  - ☒ 3. National Bureau for Agricultural and Rural Development
  - ☒ 4. National Board for Agriculture and Rural Resource Development

Question ID : 4410091931355  
Option 1 ID : 4410097607793  
Option 2 ID : 4410097607791  
Option 3 ID : 4410097607792  
Option 4 ID : 4410097607794  
Status : Answered  
Chosen Option : 2

Q.16 The HCF of two numbers is 8 and their LCM is 96. If one number is 32, find the other number.

- Ans
- ☒ 1. 32
  - ☒ 2. 40
  - ☒ 3. 24
  - ☒ 4. 36

Question ID : 4410091468488  
Option 1 ID : 4410095801814  
Option 2 ID : 4410095801815  
Option 3 ID : 4410095801813  
Option 4 ID : 4410095801816  
Status : Answered  
Chosen Option : 3

Q.17 उत्तर की ओर अभिमुख होकर खड़े 169 विद्यार्थियों की एक पंक्ति में, Efg बाएं से 87वें स्थान पर हैं। यदि Jkl, Efg के दाएं 5वें स्थान पर हैं, तो पंक्ति के दाएं से Jkl का स्थान क्या है?

- Ans
- ☒ 1. 77वां
  - ☒ 2. 80वां
  - ☒ 3. 78वां
  - ☒ 4. 79वां

Question ID : 441009649375  
Option 1 ID : 4410092551783  
Option 2 ID : 4410092551786  
Option 3 ID : 4410092551784  
Option 4 ID : 4410092551785  
Status : Answered  
Chosen Option : 1

Q.18 चक्रवृद्धि ब्याज की एक निश्चित दर पर जमा की गई ₹29000 की धनराशि, जिसपर ब्याज वार्षिक रूप से संयोजित होता है, 3 वर्ष बाद स्वयं की 2 गुनी हो जाती है। समान चक्रवृद्धि ब्याज दर पर 6 वर्ष बाद यह राशि कितनी हो जाएगी?

- Ans
- ☒ 1. ₹114000
  - ☒ 2. ₹113000
  - ☒ 3. ₹115000
  - ☒ 4. ₹116000

Question ID : 441009571588  
Option 1 ID : 4410092241475  
Option 2 ID : 4410092241474  
Option 3 ID : 4410092241473  
Option 4 ID : 4410092241472  
Status : Answered  
Chosen Option : 3

Q.19 कौन-सा पोषक तत्व सबसे कम मात्रा में आवश्यक है लेकिन शरीर की प्रक्रियाओं के नियमन के लिए आवश्यक है?

- Ans
- ☒ 1. जल
  - ☒ 2. प्रोटीन
  - ☒ 3. कार्बोहाइड्रेट
  - ☒ 4. विटामिन

Question ID : 4410091536147  
Option 1 ID : 4410096067811  
Option 2 ID : 4410096067813  
Option 3 ID : 4410096067814  
Option 4 ID : 4410096067812  
Status : Answered  
Chosen Option : 3

Q.20 अफोंसो दे अल्बुकर्क (Afonso de Albuquerque) ने 1510 में किस बंदरगाह-शहर पर कब्जा करके भारत में एक स्थायी पुर्तगाली अड्डा स्थापित किया था?

- Ans
- ☒ 1. गोवा
  - ☒ 2. मसूलीपट्टनम
  - ☒ 3. सेरामपुर
  - ☒ 4. बॉम्बे

Question ID : 4410091608154  
Option 1 ID : 4410096351544  
Option 2 ID : 4410096351545  
Option 3 ID : 4410096351546  
Option 4 ID : 4410096351547  
Status : Answered  
Chosen Option : 2

Q.21 बंगाली निम्नलिखित में से किस भाषा परिवार से संबंधित है?

- Ans ☒ 1. इंडो-यूरोपियन (Indo-European)
- ☐ 2. द्रविड़ (Dravidian)
- ☐ 3. एफ्रो-एशियाटिक (Afro-Asiatic)
- ☐ 4. साइनो-तिब्बती (Sino-Tibetan)

Question ID : 4410091898208  
Option 1 ID : 4410097478374  
Option 2 ID : 4410097478376  
Option 3 ID : 4410097478375  
Option 4 ID : 4410097478377  
Status : Answered  
Chosen Option : 3

Q.22 अंग्रेजी वर्णमाला क्रम के आधार पर एक निश्चित प्रकार से JYLP का संबंध RGTX से है। उसी प्रकार, PERV का संबंध XMZD से है। समान तर्क का अनुसरण करते हुए, BCPT का संबंध निम्नलिखित में से किस विकल्प से है?

- Ans ☐ 1. JVCF
- ☒ 2. JKXB
- ☐ 3. JKIO
- ☐ 4. JKXD

Question ID : 441009798862  
Option 1 ID : 4410093149556  
Option 2 ID : 4410093149553  
Option 3 ID : 4410093149555  
Option 4 ID : 4410093149554  
Status : Answered  
Chosen Option : 2

Q.23 Which of the following Articles of the Indian Constitution deals with the Finance Commission?

- Ans ☐ 1. Article 324
- ☐ 2. Article 138
- ☒ 3. Article 280
- ☐ 4. Article 148

Question ID : 4410091609321  
Option 1 ID : 4410096356209  
Option 2 ID : 4410096356211  
Option 3 ID : 4410096356208  
Option 4 ID : 4410096356210  
Status : Answered  
Chosen Option : 3

Q.24 यदि किसी वस्तु की कीमत 52% बढ़ जाती है, तो उसके उपभोग में कितने प्रतिशत (दशमलव के दो स्थानों तक पूर्णांकित) की कमी की जानी चाहिए ताकि उस पर होने वाला व्यय समान रहे?

- Ans
- ☒ 1. 32.14%
  - ☒ 2. 30.24%
  - ☒ 3. 36.25%
  - ☒ 4. 34.21%

Question ID : 441009900438  
Option 1 ID : 4410093555824  
Option 2 ID : 4410093555822  
Option 3 ID : 4410093555825  
Option 4 ID : 4410093555823  
Status : Answered  
Chosen Option : 1

Q.25 निम्नलिखित में से किस भारतीय एथलीट को सबसे कम आयु का वर्ल्ड चेस चैंपियन बनने के लिए, वर्ष 2025 में मेजर ध्यानचंद खेल रत्न पुरस्कार से सम्मानित किया गया?

- Ans
- ☒ 1. अर्जुन एरिगैसी
  - ☒ 2. विदित गुजराती
  - ☒ 3. डी. गुकेश
  - ☒ 4. आर. प्रज्ञानानंदा

Question ID : 441009176325  
Option 1 ID : 441009697238  
Option 2 ID : 441009697237  
Option 3 ID : 441009697236  
Option 4 ID : 441009697235  
Status : Answered  
Chosen Option : 3

Q.26 निम्नलिखित अक्षर, प्रतीक श्रृंखला का संदर्भ लीजिए और नीचे दिए गए प्रश्न का उत्तर दीजिए।  
गिनती केवल बाएं से दाएं की जानी है।  
(बाएं) A Y C + \* L T % Y \$ O + \* N \* & J F % T I V ^ O + \* D O (दाएं)

ऐसे कितने प्रतीक हैं, जिनमें से प्रत्येक के ठीक पहले एक अक्षर है और ठीक बाद में एक प्रतीक है?

- Ans
- ☒ 1. एक
  - ☒ 2. तीन
  - ☒ 3. चार
  - ☒ 4. दो

Question ID : 441009804046  
Option 1 ID : 4410093170310  
Option 2 ID : 4410093170308  
Option 3 ID : 4410093170307  
Option 4 ID : 4410093170309  
Status : Answered  
Chosen Option : 3

Q.27 एक निश्चित कूट भाषा में,  
A + B का अर्थ है कि 'A, B का भाई है'  
A - B का अर्थ है कि 'A, B की बहन है'  
A x B का अर्थ है कि 'A, B की पुत्री है'  
A ÷ B का अर्थ है कि 'A, B का पिता है'  
A # B का अर्थ है कि 'A, B की माता है'  
उपरोक्त के आधार पर, यदि 'T ÷ U x Z # V - Y ÷ W + X' है तो U का Y से क्या संबंध है?

- Ans
- ☒ 1. बहन की पुत्री
  - ☒ 2. माता
  - ☒ 3. पुत्री
  - ☒ 4. बहन

Question ID : 441009930571  
Option 1 ID : 4410093689849  
Option 2 ID : 4410093689848  
Option 3 ID : 4410093689847  
Option 4 ID : 4410093689850  
Status : Answered  
Chosen Option : 4

Q.28 What should come in place of '?' in the given series?  
32 39 53 81 137 ?

- Ans
- ☒ 1. 249
  - ☒ 2. 250
  - ☒ 3. 247
  - ☒ 4. 248

Question ID : 441009244016  
Option 1 ID : 441009953004  
Option 2 ID : 441009953005  
Option 3 ID : 441009953002  
Option 4 ID : 441009953003  
Status : Answered  
Chosen Option : 1

Q.29 नवंबर 2025 में 30वां संयुक्त राष्ट्र जलवायु परिवर्तन सम्मेलन, COP30 कहां आयोजित किया गया था?

- Ans
- ☒ 1. दुबई
  - ☒ 2. बेलेम
  - ☒ 3. जकार्ता
  - ☒ 4. नैरोबी

Question ID : 4410091883028  
Option 1 ID : 4410097418971  
Option 2 ID : 4410097418970  
Option 3 ID : 4410097418972  
Option 4 ID : 4410097418969  
Status : Answered  
Chosen Option : 2

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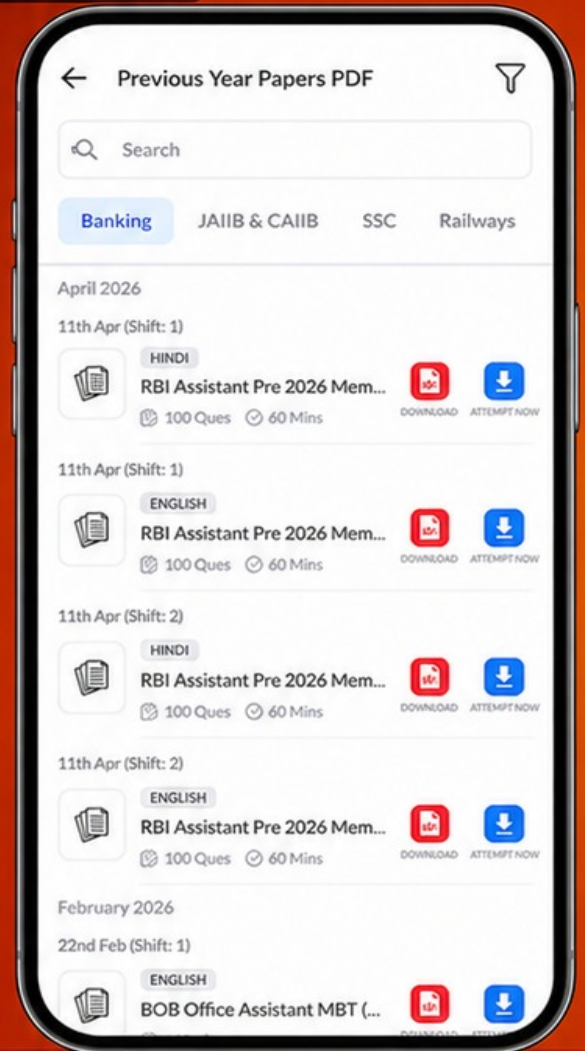
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Q.30 A, B और C को ₹5,200 में एक कार्य करने के लिए रखा गया है। A और B मिलकर कार्य का  $\frac{3}{5}$  भाग पूरा करते हैं, जबकि B और C मिलकर कार्य का  $\frac{9}{20}$  भाग पूरा करते हैं। A और B को प्राप्त हिस्से की राशि में कितना अंतर है?

- Ans    ☒ 1. ₹2,600
- ☐ 2. ₹3,900
- ☐ 3. ₹1,300
- ☐ 4. ₹1,800

Question ID : 4410091414096  
Option 1 ID : 4410095585388  
Option 2 ID : 4410095585389  
Option 3 ID : 4410095585387  
Option 4 ID : 4410095585390  
Status : Answered  
Chosen Option : 3

