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Maharashtra PWD

Previous Year Paper
JE (Civil)
16 Dec, 2023 Shift 1



Answer Key of PWD Recruitment Exam 2023, 13th Dec to 28th Dec 2023 for Objection Handling Purpose Only

Participant ID	
Participant Name	
Test Center Name	
Test Date	16/12/2023
Test Time	9:00 AM - 10:30 AM
Subject	Junior Engineer (Civil)
Candidates Application photo	
Candidate Registration photo	

Section : Civil Engineering (Diploma Level)

Q.1 In case of hydraulic fill method of construction of earthen dam, at which location is mixing of water and material done?

- Ans** 1. Water is not mixed anywhere
 2. At the borrow pit
 3. Inside flume
 4. On the dam site

Question Type : **MCQ**
Question ID : **630680199365**
Option 1 ID : **630680773101**
Option 2 ID : **630680773099**
Option 3 ID : **630680773102**
Option 4 ID : **630680773100**
Status : **Answered**
Chosen Option : **4**
Marks : **0**

Q.2 Pressure head is also known as _____ .

- Ans
- 1. piezometric head
 - 2. potential head
 - 3. static head
 - 4. datum head

Question Type : MCQ

Question ID : 630680206141

Option 1 ID : 630680799366

Option 2 ID : 630680799364

Option 3 ID : 630680799363

Option 4 ID : 630680799365

Status : Answered

Chosen Option : 1

Marks : 0

Q.3 Electrostatic precipitator is one of the most widely used devices for controlling emissions at industrial installations ranging from power plants, cement plants and paper mills to oil refineries. In a coal-fired power plant, electrostatic precipitators are installed to control emissions of _____.

- Ans
- 1. suspended particulate matter
 - 2. carbon monoxide
 - 3. sulphur dioxide
 - 4. carbon dioxide

Question Type : MCQ

Question ID : 630680182343

Option 1 ID : 630680706560

Option 2 ID : 630680706561

Option 3 ID : 630680706558

Option 4 ID : 630680706559

Status : Answered

Chosen Option : 1

Marks : 2

Q.4 The ICPB type of pavement uses _____.

- Ans
- 1. concrete paver blocks
 - 2. highways
 - 3. ground granulated blast furnace slag
 - 4. light weight paver blocks

Question Type : MCQ

Question ID : 630680198672

Option 1 ID : 630680770648

Option 2 ID : 630680770650

Option 3 ID : 630680770649

Option 4 ID : 630680770647

Status : Answered

Chosen Option : 1

Marks : 2

Q.5 The corners of a rectangular drainage gallery in a dam are rounded in order to :

- Ans
- 1. provide better cleaning
 - 2. enhance aesthetic appearance
 - 3. provide proper inspection of dam
 - 4. reduce stress concentration

Question Type : MCQ
Question ID : 630680199361
Option 1 ID : 630680773086
Option 2 ID : 630680773084
Option 3 ID : 630680773083
Option 4 ID : 630680773085
Status : Answered
Chosen Option : 1
Marks : 0

Q.6 Which of the following options is correct regarding the ultrasonic pulse velocity test?

- Ans
- 1. Destructive test, Ex-situ
 - 2. Non-destructive test, Ex-situ
 - 3. Destructive test, In-situ
 - 4. Non-destructive test, In-situ

Question Type : MCQ
Question ID : 630680160625
Option 1 ID : 630680621874
Option 2 ID : 630680621872
Option 3 ID : 630680621875
Option 4 ID : 630680621873
Status : Answered
Chosen Option : 2
Marks : 0

Q.7 _____ is a fire-resistant material and it does not allow heat to pass through it easily.

- Ans
- 1. Colocrete
 - 2. Gypsum coat
 - 3. Parian cement
 - 4. Asbestos marble

Question Type : MCQ
Question ID : 630680198709
Option 1 ID : 630680770796
Option 2 ID : 630680770795
Option 3 ID : 630680770798
Option 4 ID : 630680770797
Status : Answered
Chosen Option : 4
Marks : 0

Q.8 In a mass of concrete, the breaking up of cohesion is referred to as _____.

- Ans
- 1. fatigue
 - 2. efflorescence
 - 3. segregation
 - 4. seepage

Question Type : MCQ
Question ID : 630680160616
Option 1 ID : 630680621839
Option 2 ID : 630680621837
Option 3 ID : 630680621836
Option 4 ID : 630680621838
Status : Answered
Chosen Option : 3
Marks : 2

Q.9 In cement concrete pavements, tie bars are provided at:

- Ans
- 1. the bottom of slab across longitudinal joints
 - 2. the mid depth of slab across longitudinal joints
 - 3. the top of slab across expansion joints
 - 4. the bottom of slab across contraction joints

Question Type : MCQ
Question ID : 630680191599
Option 1 ID : 630680743020
Option 2 ID : 630680743019
Option 3 ID : 630680743017
Option 4 ID : 630680743018
Status : Answered
Chosen Option : 2
Marks : 2

Q.10 The unit of elasticity constant of a material is _____.

- Ans
- 1. N/m^2
 - 2. Unit-less
 - 3. N-m
 - 4. m

Question Type : MCQ
Question ID : 630680311973
Option 1 ID : 6306801213797
Option 2 ID : 6306801213799
Option 3 ID : 6306801213800
Option 4 ID : 6306801213798
Status : Answered
Chosen Option : 1
Marks : 2

Q.11 Which of the following statements are NOT true with respect to Euler's theory for long columns?

- i) When the value of slenderness ratio is less than a certain limit, Euler's formula gives a value of crippling load even greater than crushing load.
- ii) The crippling load is always less than the crushing load irrespective of the slenderness ratio.
- iii) The weight of the column is ignored in the analysis by Euler theory.
- iv) The weight of the column is not ignored in the analysis by Euler theory.

- Ans
- 1. i and iv
 - 2. i and iii
 - 3. ii and iii
 - 4. ii and iv

Question Type : MCQ

Question ID : 630680311955

Option 1 ID : 6306801213728

Option 2 ID : 6306801213725

Option 3 ID : 6306801213726

Option 4 ID : 6306801213727

Status : Answered

Chosen Option : 1

Marks : 0

Q.12 Which of the following software is used for the estimation and costing?

- Ans
- 1. Auto Cad
 - 2. QGIS
 - 3. Staad Pro
 - 4. QE-Pro

Question Type : MCQ

Question ID : 630680211755

Option 1 ID : 630680821168

Option 2 ID : 630680821169

Option 3 ID : 630680821167

Option 4 ID : 630680821170

Status : Answered

Chosen Option : 4

Marks : 2

Q.13 Which of the following is NOT a type of canal escape?

- Ans
- 1. Canal scouring escape
 - 2. Head escape
 - 3. Tail escape
 - 4. Surplus escape

Question Type : MCQ

Question ID : 630680199376

Option 1 ID : 630680773143

Option 2 ID : 630680773145

Option 3 ID : 630680773146

Option 4 ID : 630680773144

Status : Answered

Chosen Option : 1

Marks : 0

Q.14 Calculate the number of sleepers required per rail length over a broad gauge route, if the sleeper density is $M + 7$. Take length of one rail as 13 m.

- Ans
- 1. 24
 - 2. 20
 - 3. 16.5
 - 4. 18.4

Question Type : MCQ

Question ID : 630680191577

Option 1 ID : 630680742932

Option 2 ID : 630680742929

Option 3 ID : 630680742930

Option 4 ID : 630680742931

Status : Answered

Chosen Option : 2

Marks : 2

Q.15 The estimate of shuttering is measured in _____.

- Ans
- 1. square metres
 - 2. cubic metres
 - 3. running metres
 - 4. numbers

Question Type : MCQ

Question ID : 630680211749

Option 1 ID : 630680821144

Option 2 ID : 630680821143

Option 3 ID : 630680821145

Option 4 ID : 630680821146

Status : Answered

Chosen Option : 1

Marks : 2



Q.16 As per IS 456 : 2000, the minimum shear reinforcement in the form of stirrups in beams shall NOT be less than _____. Where, b = breadth of beam, s_v = stirrups spacing along the length of member, and f_y = characteristic strength of the stirrup reinforcement in N/mm^2 .

Ans

1. $\frac{0.5s_v}{0.67bf_y}$

2. $\frac{0.8bf_y}{0.9s_v}$

3. $\frac{0.2bf_y}{s_v}$

4. $\frac{0.4bs_v}{0.87f_y}$

Question Type : MCQ

Question ID : 630680200562

Option 1 ID : 630680777605

Option 2 ID : 630680777606

Option 3 ID : 630680777603

Option 4 ID : 630680777604

Status : Answered

Chosen Option : 4

Marks : 2

Q.17 India's first e-waste clinic was inaugurated in _____.

Ans 1. Arunachal Pradesh

2. Madhya Pradesh

3. Bihar

4. Jharkhand

Question Type : MCQ

Question ID : 630680198714

Option 1 ID : 630680770818

Option 2 ID : 630680770817

Option 3 ID : 630680770815

Option 4 ID : 630680770816

Status : Answered

Chosen Option : 1

Marks : 0



Q.18 Which of the following statements is/are true for approximate estimate?

Statement 1:

Approximate estimate is made to find out an approximate cost in a short time, without taking out actual quantities.

Statement 2:

Approximate estimate is prepared from practical knowledge and the cost of similar works executed in the past.

- Ans
- 1. Both Statement 1 and Statement 2 are false
 - 2. Both Statement 1 and Statement 2 are true
 - 3. Statement 1 is false, Statement 2 is true
 - 4. Statement 1 is true, Statement 2 is false

Question Type : MCQ

Question ID : 630680211775

Option 1 ID : 630680821248

Option 2 ID : 630680821247

Option 3 ID : 630680821250

Option 4 ID : 630680821249

Status : Answered

Chosen Option : 2

Marks : 2

Q.19 A rectangular cross-section of dimension 150 mm × 180 mm of a short column is subjected to combined axial and bending stresses. Determine the area of core, where application of load will not cause tensile stress in the section.

- Ans
- 1. 2700 mm²
 - 2. 750 mm²
 - 3. 3000 mm²
 - 4. 1500 mm²

Question Type : MCQ

Question ID : 630680191193

Option 1 ID : 630680741415

Option 2 ID : 630680741416

Option 3 ID : 630680741414

Option 4 ID : 630680741413

Status : Answered

Chosen Option : 2

Marks : 0

Q.20 Which of the following statements is INCORRECT?

- Ans 1. In cross-sectioning, the vertical scale is kept much larger than the horizontal scale.
2. The length of cross-sections depends upon the nature of the work.
3. Profile levelling is also called longitudinal sectioning.
4. Cross-sectioning is carried out at right angles on either side of the centre line of the proposed route.

Question Type : MCQ

Question ID : 630680163161

Option 1 ID : 630680631871

Option 2 ID : 630680631869

Option 3 ID : 630680631868

Option 4 ID : 630680631870

Status : Answered

Chosen Option : 1

Marks : 2

Q.21 The structural component which is connected below the lintel and provides sunshade and protection from rain water is called _____.

- Ans 1. brick
2. window
3. chhajja
4. tiles

Question Type : MCQ

Question ID : 630680167314

Option 1 ID : 630680648022

Option 2 ID : 630680648021

Option 3 ID : 630680648023

Option 4 ID : 630680648020

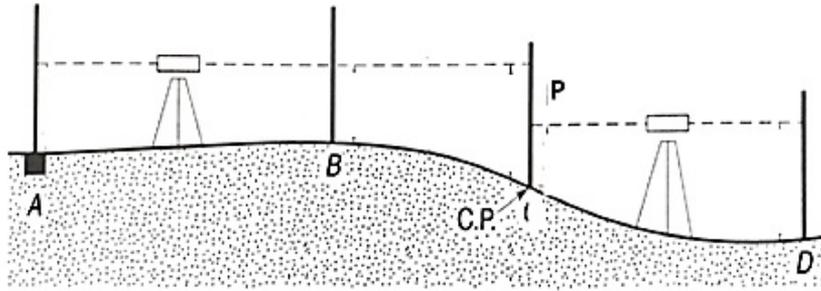
Status : Answered

Chosen Option : 3

Marks : 2



Q.22 Identify the reading marked as P. CP is the change point. The survey proceeds from A to D.



- Ans
- 1. Change point
 - 2. Intermediate sight
 - 3. Fore sight
 - 4. Back sight

Question Type : MCQ

Question ID : 630680163156

Option 1 ID : 630680631851

Option 2 ID : 630680631849

Option 3 ID : 630680631850

Option 4 ID : 630680631848

Status : Answered

Chosen Option : 4

Marks : 2

Q.23 Fiberglass materials have a usable temperature up to _____.

- Ans
- 1. 105°C
 - 2. 473°C
 - 3. 45°C
 - 4. 200°C

Question Type : MCQ

Question ID : 630680198720

Option 1 ID : 630680770840

Option 2 ID : 630680770842

Option 3 ID : 630680770839

Option 4 ID : 630680770841

Status : Answered

Chosen Option : 4

Marks : 2

Q.24 Calculate the wetted area and wetted perimeter for a rectangular open channel section of bottom width 3m and depth of flow 3 m.

- Ans
- 1. 9 m^2 and 27 m
 - 2. 6 m^2 and 6 m
 - 3. 9 m^2 and 9 m
 - 4. 6 m^2 and 9 m

Question Type : MCQ

Question ID : 630680206114

Option 1 ID : 630680799258

Option 2 ID : 630680799257

Option 3 ID : 630680799255

Option 4 ID : 630680799256

Status : Answered

Chosen Option : 3

Marks : 2

Q.25 When the portion of the soil passing through a 75 micron sieve is substantial, _____ .

- Ans
- 1. the dry sieve analysis is carried out
 - 2. the wet sieve analysis is carried out
 - 3. the XRD analysis is carried out
 - 4. the sample is discarded

Question Type : MCQ

Question ID : 630680181892

Option 1 ID : 630680704803

Option 2 ID : 630680704802

Option 3 ID : 630680704805

Option 4 ID : 630680704804

Status : Answered

Chosen Option : 1

Marks : 0

Q.26 Increase in the water content after OMC leads to decrease in the dry unit weight of the soil because:

- Ans
- 1. of shear failure of soil
 - 2. water occupies the space of air voids
 - 3. water occupies the space of soil grains
 - 4. lubrication decreases after OMC

Question Type : MCQ

Question ID : 630680181862

Option 1 ID : 630680704682

Option 2 ID : 630680704683

Option 3 ID : 630680704684

Option 4 ID : 630680704685

Status : Answered

Chosen Option : 3

Marks : 2

Q.27 "In the design of a masonry solid circular short column it is necessary to follow middle quarter rule to limit the maximum eccentricity of load line." This statement is correct because of which of the most appropriate options?

- Ans 1. The column is made up of brittle material and is weak in tension
2. The column is short in nature
3. The column is strong in bending
4. The column is weak in shear

Question Type : MCQ

Question ID : 630680191196

Option 1 ID : 630680741427

Option 2 ID : 630680741425

Option 3 ID : 630680741428

Option 4 ID : 630680741426

Status : Answered

Chosen Option : 1

Marks : 2

Q.28 The shape of stress distribution diagram on a short column at its base due to direct stress only is _____.

- Ans 1. triangular
2. trapezoidal
3. parabolic
4. rectangular

Question Type : MCQ

Question ID : 630680191204

Option 1 ID : 630680741457

Option 2 ID : 630680741459

Option 3 ID : 630680741460

Option 4 ID : 630680741458

Status : Answered

Chosen Option : 4

Marks : 2

Q.29 Which of the following is NOT a property of canal lining?

- Ans 1. Seepage is reduced
2. Velocity is increased
3. Discharge is increased
4. Bed erosion is increased

Question Type : MCQ

Question ID : 630680199371

Option 1 ID : 630680773123

Option 2 ID : 630680773126

Option 3 ID : 630680773124

Option 4 ID : 630680773125

Status : Answered

Chosen Option : 4

Marks : 2

Q.30 The middle quarter rule applied on the eccentricity of load line in a circular section subjected to combined axial (compressive) and bending stress will ensure _____.

- Ans
- 1. no compressive stress in the section
 - 2. no shear stress in the section
 - 3. no twisting in the section
 - 4. no tensile stress in the section

Question Type: MCQ

Question ID: 630680191195

Option 1 ID: 630680741422

Option 2 ID: 630680741421

Option 3 ID: 630680741423

Option 4 ID: 630680741424

Status: Answered

Chosen Option: 3

Marks: 0

Q.31 Which of the following are relevant properties of the sill?

- (i) Being embedded in the brick wall
- (ii) Supporting the window-loading frame
- (iii) Providing structure resilience
- (iv) Resistance to moisture and heat

- Ans
- 1. Only (i), (ii) and (iv)
 - 2. Only (i) and (iii)
 - 3. Only (i) and (ii)
 - 4. All of (i), (ii), (iii) and (iv)

Question Type: MCQ

Question ID: 630680167319

Option 1 ID: 630680648042

Option 2 ID: 630680648040

Option 3 ID: 630680648041

Option 4 ID: 630680648043

Status: Answered

Chosen Option: 4

Marks: 2

Q.32 As per IRC guidelines, the maximum spacing of contraction joints in plain cement concrete slabs is _____.

- Ans
- 1. 1.5 m
 - 2. 2.5 m
 - 3. 4.5 m
 - 4. 3.5 m

Question Type: MCQ

Question ID: 630680191597

Option 1 ID: 630680743009

Option 2 ID: 630680743010

Option 3 ID: 630680743011

Option 4 ID: 630680743012

Status: Answered

Chosen Option: 3

Marks: 2

Q.33 The process of superimposing the measuring wave on a carrier wave of higher frequency (in EDM) is called _____.

- Ans 1. modulation
 2. superimposition
 3. phase change
 4. amplification

Question Type : MCQ

Question ID : 630680163125

Option 1 ID : 630680631724

Option 2 ID : 630680631727

Option 3 ID : 630680631726

Option 4 ID : 630680631725

Status : Answered

Chosen Option : 1

Marks : 2

Q.34 The statements pertaining to the effect of canal condition on duty of irrigation water are given as options. Identify the correct statement.

- Ans 1. More dispersion of irrigated area with respect to canal will increase duty.
 2. Earthen canal will have lower duty than lined canals.
 3. Earthen canal will have less percolation loss than lined canals.
 4. Earthen canal will have higher duty than lined canals.

Question Type : MCQ

Question ID : 630680199343

Option 1 ID : 630680773014

Option 2 ID : 630680773013

Option 3 ID : 630680773011

Option 4 ID : 630680773012

Status : Answered

Chosen Option : 2

Marks : 2

Q.35 The horizontal structural component of a building, whose function is to enhance the structural integrity across its opening, is called _____.

- Ans 1. shutter
 2. lintel
 3. cement
 4. window

Question Type : MCQ

Question ID : 630680167315

Option 1 ID : 630680648026

Option 2 ID : 630680648024

Option 3 ID : 630680648025

Option 4 ID : 630680648027

Status : Answered

Chosen Option : 2

Marks : 2

Q.36 Which of the following is true when pipes are connected in series?

- Ans 1. There will not be any head loss between the two ends of the pipes connected in series.
2. Head loss through each pipe is the same.
3. The different pipes which are connected in series shall have equal lengths.
4. Discharge through each pipe is the same.

Question Type : MCQ
Question ID : 630680206127
Option 1 ID : 630680799309
Option 2 ID : 630680799308
Option 3 ID : 630680799310
Option 4 ID : 630680799307
Status : Answered
Chosen Option : 4
Marks : 2

Q.37 According to IS 303 (1989), what is the minimum number of ply boards to get a plywood of thickness 25mm?

- Ans 1. Five
2. Seven
3. Eleven
4. Nine

Question Type : MCQ
Question ID : 630680198675
Option 1 ID : 630680770659
Option 2 ID : 630680770660
Option 3 ID : 630680770662
Option 4 ID : 630680770661
Status : Answered
Chosen Option : 1
Marks : 0

Q.38 Identify the classified RCC beam section, in which the yield strain is reached in steel before the ultimate compressive strain is reached in the extreme fibre of the concrete.

- Ans 1. Under reinforced section
2. Cannot be classified
3. Balanced section
4. Over reinforced section

Question Type : MCQ
Question ID : 630680200555
Option 1 ID : 630680777576
Option 2 ID : 630680777578
Option 3 ID : 630680777575
Option 4 ID : 630680777577
Status : Answered
Chosen Option : 1
Marks : 2

Q.39 A pyramid of numbers shows the number of organisms at each trophic level of the ecosystem. It shows the relationship between producers, herbivores and carnivores at successive trophic levels in terms of their number. The pyramid is inverted in case of _____.

- Ans
- 1. pond ecosystem
 - 2. cropland ecosystem
 - 3. tree ecosystem
 - 4. grassland ecosystem

Question Type : MCQ
Question ID : 630680182626
Option 1 ID : 630680707612
Option 2 ID : 630680707610
Option 3 ID : 630680707611
Option 4 ID : 630680707609
Status : Answered
Chosen Option : 1
Marks : 0

Q.40 Food chains are important for maintaining and regulating the size of population of different animals and thus, they are instrumental in the maintenance of ecological balance. The primary source of a detritus food chain is _____.

- Ans
- 1. green plants
 - 2. dead organic matter
 - 3. earthworms
 - 4. insects

Question Type : MCQ
Question ID : 630680191246
Option 1 ID : 630680741625
Option 2 ID : 630680741626
Option 3 ID : 630680741627
Option 4 ID : 630680741628
Status : Answered
Chosen Option : 2
Marks : 2

Q.41 The standard size of coarse aggregates is _____.

- Ans
- 1. greater than 4.75 mm
 - 2. less than 4.75 mm
 - 3. equal to 4.75 mm
 - 4. equal to 14 mm

Question Type : MCQ
Question ID : 630680160602
Option 1 ID : 630680621782
Option 2 ID : 630680621781
Option 3 ID : 630680621780
Option 4 ID : 630680621783
Status : Answered
Chosen Option : 1
Marks : 2

Q.42 Seasoning of timber is the process of _____.

- Ans 1. introducing lime
 2. removing water
 3. increasing water content
 4. boiling the timber

Question Type : MCQ
Question ID : 630680198702
Option 1 ID : 630680770770
Option 2 ID : 630680770767
Option 3 ID : 630680770768
Option 4 ID : 630680770769
Status : Answered
Chosen Option : 2
Marks : 2

Q.43 In plastering and pointing, no deduction should be made for openings below _____.

- Ans 1. 0.55 m²
 2. 0.25 m²
 3. 0.5 m²
 4. 0.4 m²

Question Type : MCQ
Question ID : 630680211747
Option 1 ID : 630680821138
Option 2 ID : 630680821135
Option 3 ID : 630680821137
Option 4 ID : 630680821136
Status : Answered
Chosen Option : 3
Marks : 2

Q.44 Identify the correct statement.

- Ans 1. Pressure forces are considered in fluid kinematics.
 2. Fluid mechanics deals with the static, kinematic and dynamic aspects of fluids.
 3. Fluid mechanics deals with liquids only.
 4. Fluid kinematics deals with fluids at rest.

Question Type : MCQ
Question ID : 630680206167
Option 1 ID : 630680799469
Option 2 ID : 630680799468
Option 3 ID : 630680799467
Option 4 ID : 630680799470
Status : Answered
Chosen Option : 2
Marks : 2

Q.45 Identify the correct definition of the Reynold's number.

Ans

- 1. $\frac{\text{inertia force}}{\text{pressure force}}$
- 2. $\frac{\text{viscous force}}{\text{pressure force}}$
- 3. $\frac{\text{pressure force}}{\text{viscous force}}$
- 4. $\frac{\text{inertia force}}{\text{viscous force}}$

Question Type : MCQ

Question ID : 630680206146

Option 1 ID : 630680799384

Option 2 ID : 630680799386

Option 3 ID : 630680799385

Option 4 ID : 630680799383

Status : Answered

Chosen Option : 4

Marks : 2

Q.46 Which of the following statements is INCORRECT?

Ans

- 1. GTS benchmarks are established by the Survey of India.
- 2. GTS benchmarks are established at an interval of about 100 km all over the country.
- 3. A GTS benchmark is established with respect to the MSL at Bombay port as datum.
- 4. The elevations of GTS benchmarks can be arbitrarily assumed.

Question Type : MCQ

Question ID : 630680190910

Option 1 ID : 630680740333

Option 2 ID : 630680740334

Option 3 ID : 630680740335

Option 4 ID : 630680740336

Status : Answered

Chosen Option : 4

Marks : 2

Q.47 When pouring concrete beneath water, what type of cement is used?

- Ans 1. Quick setting cement
 2. Blast furnace slag cement
 3. Pozzolana Portland Cement (PPC)
 4. White cement

Question Type : MCQ
Question ID : 630680160611
Option 1 ID : 630680621817
Option 2 ID : 630680621818
Option 3 ID : 630680621819
Option 4 ID : 630680621816
Status : Answered
Chosen Option : 1
Marks : 2

Q.48 Which of the following actions does not result in improving the duty of irrigation water?

- Ans 1. Less frequent cultivation of land
 2. Construction of parallel canals
 3. Canal lining
 4. Training to farmers

Question Type : MCQ
Question ID : 630680199345
Option 1 ID : 630680773021
Option 2 ID : 630680773019
Option 3 ID : 630680773020
Option 4 ID : 630680773022
Status : Answered
Chosen Option : 2
Marks : 0

Q.49 Which bituminous interface treatment is carried on existing pavement surfaces?

- Ans 1. Penetration Macadam
 2. Seal coat
 3. Prime coat
 4. Tack coat

Question Type : MCQ
Question ID : 630680191592
Option 1 ID : 630680742992
Option 2 ID : 630680742991
Option 3 ID : 630680742989
Option 4 ID : 630680742990
Status : Answered
Chosen Option : 4
Marks : 2

Q.50 The following data is obtained from a mild steel specimen tested in a laboratory:

- i) Diameter of the specimen: 21 mm
- ii) Length of the specimen: 300 mm
- iii) Load at yield point = 100 kN
- iv) Maximum load = 446.5 kN

Find the difference between yield stress and ultimate stress.

- Ans
- 1. 1000 N/mm²
 - 2. 346.5 N/mm²
 - 3. 500 N/mm²
 - 4. 0 N/mm²

Question Type : MCQ

Question ID : 630680311976

Option 1 ID : 6306801213809

Option 2 ID : 6306801213811

Option 3 ID : 6306801213810

Option 4 ID : 6306801213812

Status : Answered

Chosen Option : 2

Marks : 0

Q.51 Shape of the compaction curve for sandy soils is different from that for clayey soils due to:

- Ans
- 1. bulking of the clay
 - 2. higher void ratio of clayey soils
 - 3. bulking of the sand
 - 4. higher permeability of sandy soils

Question Type : MCQ

Question ID : 630680181861

Option 1 ID : 630680704679

Option 2 ID : 630680704680

Option 3 ID : 630680704678

Option 4 ID : 630680704681

Status : Answered

Chosen Option : 2

Marks : 0

Q.52 Considering a horizontal water pressure diagram, find the location of centre of pressure if the height of masonry dam with vertical face towards water reservoir is 30 m.

- Ans
- 1. 10 m below from top of dam
 - 2. 10 m above from the base of dam
 - 3. 20 m above from the base of dam
 - 4. 15 m below from the top of dam

Question Type : MCQ

Question ID : 630680191188

Option 1 ID : 630680741396

Option 2 ID : 630680741393

Option 3 ID : 630680741394

Option 4 ID : 630680741395

Status : Answered

Chosen Option : 2

Marks : 2

Q.53 The vertical component of a staircase whose dimensions vary in accordance with the use of the staircase is called _____.

- Ans
- 1. riser
 - 2. stringer
 - 3. kerb
 - 4. tread

Question Type: MCQ

Question ID : 630680167312

Option 1 ID : 630680648013

Option 2 ID : 630680648015

Option 3 ID : 630680648012

Option 4 ID : 630680648014

Status : Answered

Chosen Option : 1

Marks : 2

Q.54 According to IS 456 : 2000 for M30 grade of concrete in limit state design, the design bond stress in tension for HYSD bars is given by _____.

- Ans
- 1. 1.5 N/mm²
 - 2. 1.4 N/mm²
 - 3. 2.4 N/mm²
 - 4. 2.25 N/mm²

Question Type: MCQ

Question ID : 630680200567

Option 1 ID : 630680777624

Option 2 ID : 630680777623

Option 3 ID : 630680777626

Option 4 ID : 630680777625

Status : Answered

Chosen Option : 1

Marks : 0

Q.55 In which of the following modes of failure does the load settlement curve NOT give a clear indication of ultimate load?

- Ans
- 1. Punching shear failure
 - 2. General shear failure
 - 3. Both punching and local shear failures
 - 4. Both local and general shear failures

Question Type: MCQ

Question ID : 630680181849

Option 1 ID : 630680704631

Option 2 ID : 630680704630

Option 3 ID : 630680704632

Option 4 ID : 630680704633

Status : Answered

Chosen Option : 3

Marks : 2

Q.56 In case of axial loading on a short column with rectangular cross-section a point load will act at _____.

- Ans 1. at the centroid of rectangle
 2. any point on minor axis of symmetry
 3. any point on major axis of symmetry
 4. one corner of rectangle

Question Type : MCQ
Question ID : 630680191200
Option 1 ID : 630680741442
Option 2 ID : 630680741443
Option 3 ID : 630680741444
Option 4 ID : 630680741441
Status : Answered
Chosen Option : 1
Marks : 2

Q.57 During construction, a part of the door or the window is embedded into walls. It acts as a support. It is called _____.

- Ans 1. frame
 2. style
 3. head
 4. batten

Question Type : MCQ
Question ID : 630680167303
Option 1 ID : 630680647978
Option 2 ID : 630680647977
Option 3 ID : 630680647979
Option 4 ID : 630680647976
Status : Answered
Chosen Option : 1
Marks : 2

Q.58 In woodwork and joinery, the length and width should be measured to the nearest _____.

- Ans 1. 0.02 m
 2. 0.03 m
 3. 0.01 m
 4. 0.025 m

Question Type : MCQ
Question ID : 630680211750
Option 1 ID : 630680821148
Option 2 ID : 630680821150
Option 3 ID : 630680821147
Option 4 ID : 630680821149
Status : Answered
Chosen Option : 3
Marks : 2

Q.59 The support/s that cannot resist moment is/are:

- i) Fixed support
- ii) Simple support
- iii) Pinned support

- Ans
- 1. i, ii and iii
 - 2. Only ii
 - 3. Only i
 - 4. ii and iii

Question Type : MCQ

Question ID : 630680311963

Option 1 ID : 6306801213757

Option 2 ID : 6306801213760

Option 3 ID : 6306801213758

Option 4 ID : 6306801213759

Status : Answered

Chosen Option : 4

Marks : 2

Q.60 Which of the following members is normally provided above openings such as doors and windows?

- Ans
- 1. Jamb
 - 2. Corbel
 - 3. Slab
 - 4. Lintel beam

Question Type : MCQ

Question ID : 630680200559

Option 1 ID : 630680777594

Option 2 ID : 630680777593

Option 3 ID : 630680777592

Option 4 ID : 630680777591

Status : Answered

Chosen Option : 4

Marks : 2

Q.61 A cantilever beam is subjected to UDL (w per unit run) over the whole length and a point load (W) at the free end. The shear force in the beam at any distance x from the free end will be equal to_____.

- Ans
- 1. $wx^2 + Wx$
 - 2. $wx + W$
 - 3. $wx^2 - Wx$
 - 4. $wx - W$

Question Type : MCQ

Question ID : 630680311969

Option 1 ID : 6306801213784

Option 2 ID : 6306801213781

Option 3 ID : 6306801213783

Option 4 ID : 6306801213782

Status : Answered

Chosen Option : 1

Marks : 0

Q.62 Whenever a sample of cement paste is examined, what is the gauging time to be followed as per IS 4031(Part IV)?

- Ans
- 1. 2 hours
 - 2. 60 minutes
 - 3. 2 to 6 hours
 - 4. 3 to 5 minutes

Question Type: MCQ

Question ID : 630680191306

Option 1 ID : 630680741865

Option 2 ID : 630680741868

Option 3 ID : 630680741866

Option 4 ID : 630680741867

Status : Answered

Chosen Option : 4

Marks : 2

Q.63 The design of economical canal section of an alluvial channel is based on:

- Ans
- 1. maximum discharge
 - 2. non-scouring velocity only
 - 3. non-silting velocity only
 - 4. non-silting and non-scouring velocity

Question Type: MCQ

Question ID : 630680199380

Option 1 ID : 630680773162

Option 2 ID : 630680773160

Option 3 ID : 630680773159

Option 4 ID : 630680773161

Status : Answered

Chosen Option : 4

Marks : 2

Q.64 When the rail ends are projected beyond the rail sleeper, the rail joint is called ____.

- Ans
- 1. bridge rail joint
 - 2. supported rail joint
 - 3. suspended rail joint
 - 4. compromise rail joint

Question Type: MCQ

Question ID : 630680191583

Option 1 ID : 630680742955

Option 2 ID : 630680742954

Option 3 ID : 630680742953

Option 4 ID : 630680742956

Status : Answered

Chosen Option : 3

Marks : 2

Q.65 The Mohr circle for stress conditions on a retaining wall, for cohesionless backfill, will be:

- Ans
- 1. smallest for earth pressure at rest
 - 2. greatest for active earth pressure
 - 3. greatest for earth pressure at rest
 - 4. greatest for passive earth pressure

Question Type : MCQ

Question ID : 630680181853

Option 1 ID : 630680704648

Option 2 ID : 630680704646

Option 3 ID : 630680704647

Option 4 ID : 630680704649

Status : Answered

Chosen Option : 4

Marks : 2

Q.66 Which of the following is true about Venturimeter?

- Ans
- 1. It consists of two parts only viz, converging and diverging parts.
 - 2. The coefficient of discharge of the Venturimeter is greater than 1.
 - 3. It is used for measuring the velocity of flow.
 - 4. It is based on the principle of Bernoulli's equation.

Question Type : MCQ

Question ID : 630680206122

Option 1 ID : 630680799289

Option 2 ID : 630680799290

Option 3 ID : 630680799288

Option 4 ID : 630680799287

Status : Answered

Chosen Option : 4

Marks : 2

Q.67 While drawing the cross-sections from a contour map, cross-sections are run _____ to the centre line of the contour.

- Ans
- 1. longitudinal
 - 2. transverse
 - 3. in any direction
 - 4. at 45°

Question Type : MCQ

Question ID : 630680163150

Option 1 ID : 630680631824

Option 2 ID : 630680631825

Option 3 ID : 630680631826

Option 4 ID : 630680631827

Status : Answered

Chosen Option : 2

Marks : 2

Q.68 The moment of inertia of a symmetrical angle section about its centroidal axis is found using_____.

- Ans
- 1. law of symmetric sections
 - 2. parallel axis theorem
 - 3. Macaulay theorem
 - 4. Betti's Law

Question Type : MCQ

Question ID : 630680311958

Option 1 ID : 6306801213740

Option 2 ID : 6306801213737

Option 3 ID : 6306801213738

Option 4 ID : 6306801213739

Status : Answered

Chosen Option : 2

Marks : 2

Q.69 What kind of cement is employed in the manufacture of artificial marble?

- Ans
- 1. High Alumina cement
 - 2. Air Entraining cement
 - 3. Hydrographic cement
 - 4. White cement

Question Type : MCQ

Question ID : 630680160612

Option 1 ID : 630680621821

Option 2 ID : 630680621823

Option 3 ID : 630680621822

Option 4 ID : 630680621820

Status : Answered

Chosen Option : 1

Marks : 0

Q.70 The size of the standard plate used for finding the modulus of subgrade reaction (K-value) is ____.

- Ans
- 1. 65 cm diameter
 - 2. 75 cm diameter
 - 3. 85 cm diameter
 - 4. 55 cm diameter

Question Type : MCQ

Question ID : 630680191591

Option 1 ID : 630680742986

Option 2 ID : 630680742985

Option 3 ID : 630680742988

Option 4 ID : 630680742987

Status : Answered

Chosen Option : 2

Marks : 2

Q.71 The grasslands which are closest to the equator and are hot throughout the year are called _____.

- Ans
- 1. moderate grasslands
 - 2. tropical grasslands
 - 3. temperate grasslands
 - 4. deciduous grasslands

Question Type : MCQ
Question ID : 630680191247
Option 1 ID : 630680741632
Option 2 ID : 630680741630
Option 3 ID : 630680741629
Option 4 ID : 630680741631
Status : Answered
Chosen Option : 2
Marks : 2

Q.72 The producers, through photosynthesis, reduce carbon dioxide from the atmosphere to organic carbon. This then passes through consumers and decomposers, then usually re-enters the atmosphere through the process of _____.

- Ans
- 1. transpiration
 - 2. respiration and decomposition
 - 3. ammonification
 - 4. photosynthesis

Question Type : MCQ
Question ID : 630680191238
Option 1 ID : 630680741596
Option 2 ID : 630680741594
Option 3 ID : 630680741595
Option 4 ID : 630680741593
Status : Answered
Chosen Option : 3
Marks : 0

Q.73 Which of the following helps in reducing water hammer in pipes?

- Ans
- 1. Sudden closure of valves
 - 2. Higher discharge rate
 - 3. Gradual closure of valves
 - 4. Higher velocity of flow

Question Type : MCQ
Question ID : 630680206133
Option 1 ID : 630680799332
Option 2 ID : 630680799334
Option 3 ID : 630680799331
Option 4 ID : 630680799333
Status : Answered
Chosen Option : 3
Marks : 2

Q.74 Which of the following options represents the co-ordinates in the geocentric geodetic reference system provided by the GPS?

- Ans 1. WGS 84
 2. WGS 85
 3. WGS 82
 4. WGS 83

Question Type: MCQ

Question ID: 630680163130

Option 1 ID: 630680631746

Option 2 ID: 630680631747

Option 3 ID: 630680631744

Option 4 ID: 630680631745

Status: Answered

Chosen Option: 2

Marks: 0

Q.75 The dry unit weight of a soil after compaction is 15 kN/m^3 at the water content of 20%. What will be the maximum theoretical density that can be achieved by this soil at the same water content? (Assume the specific gravity of solids as 2.5 and the unit weight of water as 10 kN/m^3 .)

- Ans 1. 18 kN/m^3
 2. 15 kN/m^3
 3. 20 kN/m^3
 4. 16.67 kN/m^3

Question Type: MCQ

Question ID: 630680181863

Option 1 ID: 630680704689

Option 2 ID: 630680704686

Option 3 ID: 630680704688

Option 4 ID: 630680704687

Status: Answered

Chosen Option: 1

Marks: 0

Section : English/Marathi/General Knowledge/Reasoning Test

Q.76 What is India's rank in the Corruption Perception Index Ranking 2023?

- Ans 1. 10
 2. 1
 3. 85
 4. 120

Question Type: MCQ

Question ID: 630680511748

Option 1 ID: 6306801999965

Option 2 ID: 6306801999963

Option 3 ID: 6306801999962

Option 4 ID: 6306801999964

Status: Answered

Chosen Option: 3

Marks: 2

Q.77 खालील वाक्यातील प्रयोग ओळखा.
'राघूने पेरू खाल्ला.'

- Ans 1. भावे प्रयोग
 2. कर्मणी प्रयोग
 3. कर्तरी प्रयोग
 4. कर्तृ-भाव-संकर प्रयोग

Question Type : MCQ
Question ID : 630680511744
Option 1 ID : 6306801999948
Option 2 ID : 6306801999947
Option 3 ID : 6306801999946
Option 4 ID : 6306801999949
Status : Answered
Chosen Option : 2
Marks : 2

Q.78 Choose the option which is a synonym (similar to) the bracketed word used in the sentence given below:

The palace-like hotel that we stayed at in Rajasthan was very (opulent).

- Ans 1. destitute
 2. economical
 3. massive
 4. luxurious

Question Type : MCQ
Question ID : 630680511737
Option 1 ID : 6306801999919
Option 2 ID : 6306801999918
Option 3 ID : 6306801999921
Option 4 ID : 6306801999920
Status : Answered
Chosen Option : 4
Marks : 2

Q.79 Four siblings are sitting on a bench facing north. Quinn is to the immediate left of Ryan and to the immediate right of Sophie. Tessa sits at the right corner of the bench. Who is sitting to the immediate left of Tessa?

- Ans 1. Sophie
 2. No one
 3. Ryan
 4. Quinn

Question Type : MCQ
Question ID : 630680511753
Option 1 ID : 6306801999984
Option 2 ID : 6306801999985
Option 3 ID : 6306801999983
Option 4 ID : 6306801999982
Status : Answered
Chosen Option : 3
Marks : 2

Q.80 खालील शब्दाचा विरुद्धार्थी शब्द ओळखा.
'चल'

- Ans 1. अचल
 2. गती
 3. सुचल
 4. घट

Question Type : MCQ
Question ID : 630680511743
Option 1 ID : 6306801999942
Option 2 ID : 6306801999944
Option 3 ID : 6306801999943
Option 4 ID : 6306801999945
Status : Answered
Chosen Option : 1
Marks : 2

Q.81 What is the launch date of Chandrayaan-3?

- Ans 1. 20 July
 2. 14 July
 3. 15 July
 4. 25 July

Question Type : MCQ
Question ID : 630680511747
Option 1 ID : 6306801999959
Option 2 ID : 6306801999958
Option 3 ID : 6306801999961
Option 4 ID : 6306801999960
Status : Answered
Chosen Option : 2
Marks : 2

Q.82 Which is the second most spoken language in India?

- Ans 1. Bengali
 2. Telugu
 3. Marathi
 4. Tamil

Question Type : MCQ
Question ID : 630680511750
Option 1 ID : 6306801999972
Option 2 ID : 6306801999973
Option 3 ID : 6306801999971
Option 4 ID : 6306801999970
Status : Answered
Chosen Option : 4
Marks : 0

Q.83 From the options given below choose the synonym (similar meaning) of the word: Disdain

- Ans 1. respect
 2. contempt
 3. fear
 4. love

Question Type : MCQ
Question ID : 630680511739
Option 1 ID : 6306801999928
Option 2 ID : 6306801999927
Option 3 ID : 6306801999929
Option 4 ID : 6306801999926
Status : Answered
Chosen Option : 3
Marks : 0

Q.84 Pointing to a man in the photograph, a woman says, "He is the brother of my mother's father's son." How is the woman related to the man?

- Ans 1. Mother's mother
 2. Father's sister
 3. Sister's daughter
 4. Mother's sister

Question Type : MCQ
Question ID : 630680511756
Option 1 ID : 6306801999994
Option 2 ID : 6306801999996
Option 3 ID : 6306801999997
Option 4 ID : 6306801999995
Status : Answered
Chosen Option : 3
Marks : 2

Q.85 Choose the option which is a synonym (similar to) the bracketed word used in the sentence given below:

He grew up in a very (meticulous) household.

- Ans 1. loving
 2. negligent
 3. fastidious
 4. outgoing

Question Type : MCQ
Question ID : 630680511736
Option 1 ID : 6306801999915
Option 2 ID : 6306801999916
Option 3 ID : 6306801999914
Option 4 ID : 6306801999917
Status : Answered
Chosen Option : 1
Marks : 0

Q.86 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- I. Some rivers are long.
- II. All rivers are wide.

Conclusions:

- I. Some wide are rivers.
- II. Some wide are long.

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

Question Type : MCQ

Question ID : 630680511757

Option 1 ID : 6306801999999

Option 2 ID : 6306801999998

Option 3 ID : 6306802000000

Option 4 ID : 6306802000001

Status : Answered

Chosen Option : 3

Marks : 2

Q.87 खालील शब्दाचा समानार्थी शब्द ओळखा.
'अनुकंपा'

- Ans
- 1. शांती
 - 2. अनुबंध
 - 3. क्षमा
 - 4. दया

Question Type : MCQ

Question ID : 630680511742

Option 1 ID : 6306801999940

Option 2 ID : 6306801999941

Option 3 ID : 6306801999938

Option 4 ID : 6306801999939

Status : Answered

Chosen Option : 4

Marks : 2

Q.88 खालील शब्दाचा अचूक अर्थ ओळखा.
'अचंबा'

- Ans 1. आश्चर्य
 2. अन्वीत
 3. अंधार
 4. अघटित

Question Type : MCQ
Question ID : 630680511741
Option 1 ID : 6306801999937
Option 2 ID : 6306801999936
Option 3 ID : 6306801999935
Option 4 ID : 6306801999934
Status : Answered
Chosen Option : 1
Marks : 2

Q.89 From the options given below choose the antonym (opposite meaning) of the word: Devise

- Ans 1. produce
 2. replicate
 3. decode
 4. simplify

Question Type : MCQ
Question ID : 630680511740
Option 1 ID : 6306801999930
Option 2 ID : 6306801999933
Option 3 ID : 6306801999932
Option 4 ID : 6306801999931
Status : Answered
Chosen Option : 2
Marks : 2

Q.90 Which historical figure wrote the book 'India Wins Freedom'?

- Ans 1. Maulana Abul Kalam Azad
 2. Mahatma Gandhi
 3. Lala Rai
 4. Muhammad Ali Jinnah

Question Type : MCQ
Question ID : 630680511749
Option 1 ID : 6306801999966
Option 2 ID : 6306801999968
Option 3 ID : 6306801999967
Option 4 ID : 6306801999969
Status : Answered
Chosen Option : 1
Marks : 2

Q.91 From the options given below choose the antonym (opposite meaning) of the word:
Decipher

- Ans 1. solve
 2. diminish
 3. construct
 4. encode

Question Type : MCQ
Question ID : 630680511738
Option 1 ID : 6306801999922
Option 2 ID : 6306801999925
Option 3 ID : 6306801999923
Option 4 ID : 6306801999924
Status : Answered
Chosen Option : 3
Marks : 0

Q.92 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans 1. PT
 2. KO
 3. CG
 4. DI

Question Type : MCQ
Question ID : 630680511759
Option 1 ID : 6306802000009
Option 2 ID : 6306802000007
Option 3 ID : 6306802000008
Option 4 ID : 6306802000006
Status : Answered
Chosen Option : 4
Marks : 2

Q.93 Which article provides equal employment opportunities in State service for all citizens?

- Ans 1. Article 370
 2. Article 18
 3. Article 52
 4. Article 16

Question Type : MCQ
Question ID : 630680511752
Option 1 ID : 6306801999980
Option 2 ID : 6306801999981
Option 3 ID : 6306801999979
Option 4 ID : 6306801999978
Status : Answered
Chosen Option : 4
Marks : 2

Q.94 खालील वाक्यप्रचाराचा योग्य अर्थ ओळखा.
'बोळ्याने दूध पिणे'

- Ans 1. दुसऱ्याच्या मताप्रमाणे वागणे
 2. दुःख नशिबी येणे
 3. दयाळू असणे
 4. बालपण आठवणे

Question Type : MCQ
Question ID : 630680511746
Option 1 ID : 6306801999956
Option 2 ID : 6306801999957
Option 3 ID : 6306801999954
Option 4 ID : 6306801999955
Status : Answered
Chosen Option : 2
Marks : 0

Q.95 Select the option that is related to the third word in the same way as the second word is related to the first word.

Bee : Apiary :: Horse : ?

- Ans 1. Aviary
 2. Den
 3. Shed
 4. Stable

Question Type : MCQ
Question ID : 630680511758
Option 1 ID : 6306802000003
Option 2 ID : 6306802000005
Option 3 ID : 6306802000004
Option 4 ID : 6306802000002
Status : Answered
Chosen Option : 1
Marks : 0

Q.96 खालील म्हणीचा योग्य अर्थ ओळखा.
'उंदराला मांजर साक्ष'

- Ans 1. शत्रूत्व विसरून मैत्री करणे
 2. एकोप्याने काम करणे
 3. अतिशय हलाखीची परिस्थिती
 4. दोघेही सारखेच दोषी व एकमेकांचे साथीदार

Question Type : MCQ
Question ID : 630680511745
Option 1 ID : 6306801999950
Option 2 ID : 6306801999951
Option 3 ID : 6306801999953
Option 4 ID : 6306801999952
Status : Answered
Chosen Option : 3
Marks : 0

Q.97 Which type of forests are found in the Sunderbans of West Bengal?

- Ans
- 1. Taiga
 - 2. Tundra
 - 3. Mangrove
 - 4. Montane

Question Type : MCQ
Question ID : 630680511751
Option 1 ID : 6306801999974
Option 2 ID : 6306801999975
Option 3 ID : 6306801999977
Option 4 ID : 6306801999976
Status : Answered
Chosen Option : 3
Marks : 2

Q.98 Choose the option which are antonyms (opposite of) the word used in the sentence given below:

The Spanish fleet met the smaller, faster, and more manoeuvrable English ships in battle. The two battles left Spain vulnerable, having lost several ships and with its ammunition depleted.

- Ans
- 1. depleted/ finished
 - 2. vulnerable/ stronger
 - 3. faster/ swifter
 - 4. manoeuvrable/ flexible

Question Type : MCQ
Question ID : 630680511735
Option 1 ID : 6306801999913
Option 2 ID : 6306801999912
Option 3 ID : 6306801999910
Option 4 ID : 6306801999911
Status : Answered
Chosen Option : 2
Marks : 2

Q.99 In a certain code language, if SCHOOL is coded as 1938151512, STUDENT is coded as 192021451420, then what will TEACHER be coded as?

- Ans
- 1. 205153818
 - 2. 201385518
 - 3. 205138518
 - 4. 205138851

Question Type : MCQ
Question ID : 630680511755
Option 1 ID : 6306801999992
Option 2 ID : 6306801999990
Option 3 ID : 6306801999993
Option 4 ID : 6306801999991
Status : Answered
Chosen Option : 3
Marks : 2

Q.100 How many consonants are there in the given series that are immediately preceded and followed by a different symbol?

@ L \$ M * N @ ! P # Q < Q R % S T U

Ans 1.6

2.5

3.7

4.4

Question Type : MCQ

Question ID : 630680511754

Option 1 ID : 6306801999989

Option 2 ID : 6306801999986

Option 3 ID : 6306801999987

Option 4 ID : 6306801999988

Status : Answered

Chosen Option : 2

Marks : 2



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