

# SJVNL ET

**Previous Year Paper  
(Civil)  
30 May, 2019 Shift 1**





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|                  |                         |
|------------------|-------------------------|
| Participant ID   |                         |
| Participant Name |                         |
| Test Center Name |                         |
| Test Date        | 30/05/2019              |
| Test Time        | 9:00 AM - 11:30 AM      |
| Subject          | Executive Trainee Civil |

Section : Discipline

Q.1 Slope at the support end of a simply supported beam subjected to uniformly distributed load  $w$  throughout its length  $l$  is equal to (where elasticity  $E$  and moment of inertia  $I$  are constant):

- Ans
- ✓ 1.  $\frac{wl^2}{24 EI}$
  - ✗ 2.  $\frac{wl^3}{4 EI}$
  - ✗ 3.  $\frac{wl^3}{8 EI}$
  - ✗ 4.  $\frac{wl^2}{48 EI}$

Question ID : 16794327703  
Status : Answered  
Chosen Option : 1

Q.2 Which of the following bolts have high tensile strength?

- Ans
- ✓ 1. High strength bolt
  - ✗ 2. Unfinished bolts
  - ✗ 3. Turned bolt
  - ✗ 4. Ribbed bolt

Question ID : 16794327714  
Status : Answered  
Chosen Option : 1

Q.3 The vertical distance between two consecutive treads in a staircase is called as:

- Ans
- ✓ 1. Riser
  - ✗ 2. Waist
  - ✗ 3. Nosing
  - ✗ 4. Soffit

Question ID : 16794327728

Adda247

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Status : **Answered**  
Chosen Option : 1

Q.4 Which law states that the rate of increase of pressure in a vertical direction is equal to weight density of fluid at that point?

- Ans
- ☒ 1. Pascal's Law
  - ☒ 2. Isothermal Law
  - ☒ 3. Hydrostatic Law
  - ☒ 4. Newton's Law of Fluids

Question ID : 16794327620  
Status : **Answered**  
Chosen Option : 1

Q.5 राष्ट्रीय कृषि आयोग में निम्न में से किस सूखे का उल्लेख नहीं किया गया है?

- Ans
- ☒ 1. जलविज्ञानीय अनावृष्टि
  - ☒ 2. सामाजिक-आर्थिक अनावृष्टि
  - ☒ 3. कृषि अनावृष्टि
  - ☒ 4. पारिस्थितिक अनावृष्टि

Question ID : 16794327657  
Status : **Answered**  
Chosen Option : 2

Q.6 Which of these is a natural contaminant of air?

- Ans
- ☒ 1. Dust
  - ☒ 2. Pollen Grains
  - ☒ 3. SO<sub>2</sub>
  - ☒ 4. Smoke

Question ID : 16794327651  
Status : **Answered**  
Chosen Option : 1

Q.7 In which stage in a river system does the river flow along an undulating topography and the gradient is very high?

- Ans
- ☒ 1. Mature stage
  - ☒ 2. Old stage
  - ☒ 3. Juvenile stage
  - ☒ 4. Incipient stage

Question ID : 16794327724  
Status : **Answered**  
Chosen Option : 1

Q.8

Which of these is NOT a nature of generally used chlorofluorocarbons?

- Ans
- ☒ 1. Reactive
  - ☒ 2. Odourless
  - ☒ 3. Non-corrosive
  - ☒ 4. Non-flammable

Question ID : 16794327653

Status : Answered

Chosen Option : 2

Q.9 What is the Poisson's ratio of Ice?

- Ans
- ☒ 1. 0.29
  - ☒ 2. 0.37
  - ☒ 3. 0.33
  - ☒ 4. 0.48

Question ID : 16794327699

Status : Answered

Chosen Option : 1

Q.1 What is the deflection at the free end of a cantilever beam subjected to a concentrate load  $P$  at the free end (where elasticity  $E$  and moment of inertia  $I$  are constant)?

- Ans
- ☒ 1.  $\frac{Pl^3}{2EI}$
  - ☒ 2.  $\frac{Pl^3}{36EI}$
  - ☒ 3.  $\frac{Pl^2}{48EI}$
  - ☒ 4.  $\frac{Pl^2}{8EI}$

Question ID : 16794327704

Status : Answered

Chosen Option : 1

Q.1 Which equipment is used for finding soundness of cement?

- Ans
- ☒ 1. Le-Chatlier apparatus
  - ☒ 2. Core cutter
  - ☒ 3. Permeability apparatus
  - ☒ 4. Vicat apparatus

Question ID : 16794327674

Status : Answered

Chosen Option : 1



Q.1  
2 कांच के निर्माण के दौरान सोडा का उपयोग क्यों किया जाता है?

- Ans
- ☐ 1. रंग और चमक के लिए
  - ☐ 2. आग के प्रतिरोध को बढ़ाने के लिए
  - ☐ 3. कांच की कठोरता बढ़ाने के लिए
  - ☒ 4. कांच के संलयन में तीव्रता लाने के लिए

Question ID : 16794327680  
Status : Answered  
Chosen Option : 4

Q.1  
3 The shape of the stress-strain curve of concrete up to a strain of 0.002 is \_\_\_\_\_.

- Ans
- ☐ 1. Linear
  - ☐ 2. Hyperbolic
  - ☐ 3. Semi circular
  - ☒ 4. Parabolic

Question ID : 16794327732  
Status : Answered  
Chosen Option : 1

Q.1  
4 For a circular section, the elastic modulus ( $Z_e$ ) is:  
(d = diameter)

- Ans
- ☒ 1.  $\frac{\pi}{32} \times d^3$
  - ☐ 2.  $\frac{\pi}{16} \times d^3$
  - ☐ 3.  $\frac{\pi}{32} \times d^2$
  - ☐ 4.  $\frac{\pi}{16} \times d^2$

Question ID : 16794327696  
Status : Answered  
Chosen Option : 1

Q.1  
5 1 N/mm<sup>2</sup> is equal to:

- Ans
- ☐ 1. 1 Pa
  - ☒ 2. 1 MPa
  - ☐ 3. 1 GPa
  - ☐ 4. 1 KPa

Question ID : 16794327637  
Status : Answered  
Chosen Option : 1

Q.1  
6 Flakiness index and elongation index test is NOT applicable to aggregate sizes smaller than \_\_\_\_\_.

- Ans
- ☒ 1. 2.36 mm
  - ☒ 2. 10 mm
  - ☒ 3. 6.3 mm
  - ☒ 4. 4.75 mm

Question ID : 16794327675  
Status : Answered  
Chosen Option : 4

Q.1  
7 Maximum Principal Stress Theory is also known as:

- Ans
- ☒ 1. Beltrami and Haigh's theory
  - ☒ 2. St. Venanat's Theory
  - ☒ 3. Coulomb's Theory
  - ☒ 4. Rankine's Theory

Question ID : 16794327641  
Status : Answered  
Chosen Option : 4

Q.1  
8 The average specific gravity of course aggregate varies from:

- Ans
- ☒ 1. 2.0 to 4.0
  - ☒ 2. 2.6 to 2.8
  - ☒ 3. 2.2 to 3.0
  - ☒ 4. 2.0 to 2.9

Question ID : 16794327676  
Status : Answered  
Chosen Option : 2

Q.1  
9 Flow net is an important tool in analysing \_\_\_\_\_ irrotational flow problems

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

Question ID : 16794327622  
Status : Answered  
Chosen Option : 1

Q.2  
0 Ratio of the change in pressure to the fractional volume compression is called \_\_\_\_\_.

- Ans
- ☒ 1. Bulk Modulus
  - ☒ 2. Poisson's Ratio
  - ☒ 3. Longitudinal Strain

✗ 4. Volumetric Strain

Question ID : 16794327697  
Status : Answered  
Chosen Option : 1

Q.2 "The longitudinal strain is uniform across the cross-section of the cylinder". This assumption is reasonably  
1 good for a large portion except near the ends. The theory based on this assumption is called:

- Ans
- ✗ 1. Coulomb's Theory
  - ✗ 2. St. Venant's Theory
  - ✗ 3. Maximum Strain Energy Theory
  - ✓ 4. Lamé's Theory

Question ID : 16794327643  
Status : Answered  
Chosen Option : 1

Q.2 The flow is said to be critical flow if Froude number is \_\_\_\_.

- Ans
- ✓ 1. Equal to 1
  - ✗ 2. Equal to 0
  - ✗ 3. Less than 1
  - ✗ 4. More than 1

Question ID : 16794327624  
Status : Answered  
Chosen Option : 2

Q.2 Dutch bond is a modification of \_\_\_\_.

- Ans
- ✗ 1. Single Flemish bond
  - ✗ 2. Header bond
  - ✓ 3. English bond
  - ✗ 4. Stretcher bond

Question ID : 16794327736  
Status : Answered  
Chosen Option : 2

Q.2 The preventive measure adopted to reclaim a water logged area is?

- Ans
- ✗ 1. Lining of lands
  - ✗ 2. Using of weir
  - ✗ 3. Lowering the full supply level
  - ✓ 4. Installation of lift irrigation system

Question ID : 16794327659



Status : **Answered**  
Chosen Option : 1

Q.2 5 Which of these factors are NOT considered during selection of cross-drainage structure?

- Ans
- ☒ 1. Direction of water flow
  - ☐ 2. Size of the canal and drainage
  - ☐ 3. Economic considerations
  - ☐ 4. Difference in discharge of water

Question ID : 16794327660  
Status : **Answered**  
Chosen Option : 1

Q.2 6 During the second stage of anaerobic digestion of waste water, it is necessary to maintain proper \_\_\_\_\_.

- Ans
- ☐ 1. Pressure
  - ☐ 2. Impurities
  - ☐ 3. Volume
  - ☒ 4. pH

Question ID : 16794327650  
Status : **Answered**  
Chosen Option : 1

Q.2 7 Distance between the centre of two consecutive rivets measured along a row is called \_\_\_\_\_.

- Ans
- ☐ 1. Eccentricity
  - ☒ 2. Pitch
  - ☐ 3. Edge distance
  - ☐ 4. Gauge

Question ID : 16794327719  
Status : **Answered**  
Chosen Option : 2

Q.2 8 As per IS : 3495 (part I), what is the loading rate used to find the compressive strength of bricks?

- Ans
- ☒ 1. 14 N/m<sup>2</sup> per minute
  - ☐ 2. 40 N/m<sup>2</sup> per minute
  - ☐ 3. 45 N/m<sup>2</sup> per minute
  - ☐ 4. 4 N/m<sup>2</sup> per minute

Question ID : 16794327678  
Status : **Answered**  
Chosen Option : 4

Q.2  
9 Which of these parameters do/does NOT influence the design of a harbour?

- Ans
- ☒ 1. Waves
  - ☒ 2. Rainfall
  - ☒ 3. Tides
  - ☒ 4. Wind

Question ID : 16794327665  
Status : Answered  
Chosen Option : 1

Q.3  
0 Which of these is NOT a method used to control dust while constructing tunnels?

- Ans
- ☒ 1. Use of respirators
  - ☒ 2. Use of vacuum head
  - ☒ 3. Wet drilling
  - ☒ 4. Use of face mask

Question ID : 16794327669  
Status : Answered  
Chosen Option : 1

Q.3  
1 Surface of erosion or non-deposition that separates the younger rock formations from the older rock formations is called \_\_\_\_\_.

- Ans
- ☒ 1. Unconformity
  - ☒ 2. Folds
  - ☒ 3. Faults
  - ☒ 4. Joints

Question ID : 16794327684  
Status : Answered  
Chosen Option : 2

Q.3  
2 A joint when provided in the length of a column is called \_\_\_\_\_.

- Ans
- ☒ 1. Batten
  - ☒ 2. Lacing
  - ☒ 3. Splice
  - ☒ 4. Lug angle

Question ID : 16794327718  
Status : Answered  
Chosen Option : 3

Q.3  
3 Which of the following methods is used to determine the water content?

- Ans
- ☒ 1. Radiation Method
  - ☒ 2. Sieve Analysis

- ☒ 3. Pipette Method
- ☒ 4. Hydrometer Method

Question ID : 16794327634  
Status : Answered  
Chosen Option : 4

Q.3 The wall that are supported and restrained against lateral deflection along one to four sides is called \_\_\_\_.

4

- Ans ☒ 1. Stocky wall
- ☒ 2. Un-braced wall
- ☒ 3. Slender wall
- ☒ 4. Braced wall

Question ID : 16794327733  
Status : Answered  
Chosen Option : 4

Q.3 Which of the following tests is used to measure the wear of stones?

5

- Ans ☒ 1. Attrition test
- ☒ 2. Crushing test
- ☒ 3. Soundness test
- ☒ 4. Impact test

Question ID : 16794327682  
Status : Answered  
Chosen Option : 4

Q.3 Contour lines can intersect only in the case of an \_\_\_\_.

6

- Ans ☒ 1. Steep plan
- ☒ 2. Vertical cliff
- ☒ 3. Inclined plan
- ☒ 4. Overhanging cliff

Question ID : 16794327688  
Status : Answered  
Chosen Option : 4

Q.3 Ability of rock to pass water through itself is called:

7

- Ans ☒ 1. Flow Time
- ☒ 2. Permeability
- ☒ 3. Void Ratio
- ☒ 4. Porosity

Question ID : 16794327648

Status : Answered

Chosen Option : 2

Q.3 For high-strength friction bolts, what is the factor of safety for wind load?

- Ans
- ☒ 1. 1.2
  - ☐ 2. 1.15
  - ☐ 3. 1.4
  - ☐ 4. 1.5

Question ID : 16794327722

Status : Answered

Chosen Option : 1

Q.3 The partial factor of safety for steel in limit state design in the design of Reinforced Concrete Structure is:

- Ans
- ☐ 1. 1.75
  - ☒ 2. 1.15
  - ☐ 3. 1.65
  - ☐ 4. 1.5

Question ID : 16794327731

Status : Answered

Chosen Option : 2

Q.4 Hydrometers are generally calibrated at \_\_\_\_\_ degrees Celsius.

- Ans
- ☐ 1. 29
  - ☒ 2. 27
  - ☐ 3. 28
  - ☐ 4. 26

Question ID : 16794327635

Status : Answered

Chosen Option : 2

Q.4 A stair should NOT have a pitch more than \_\_\_\_\_.

- Ans
- ☐ 1. 35°
  - ☐ 2. 45°
  - ☒ 3. 40°
  - ☐ 4. 30°

Question ID : 16794327727

Status : Answered

Chosen Option : 4

Q.4 वेल्ड धातु की जोड़ की पूर्ण गहराई तक भेदन में विफलता कहलाती है:

Ans

- ☒ 1. पोरसिटी
- ☒ 2. स्लैग इन्क्लूजन
- ☒ 3. इनकम्प्लीट पेनेट्रेशन
- ☒ 4. इनकम्प्लीट फ्यूजन

Question ID : 16794327715  
Status : Answered  
Chosen Option : 2

Q.4  
3 मानचित्रों के पुनर्निर्माण, बड़ा करने अथवा छोटा करने के लिए उपयोग किया जाने वाला उपकरण है:

- Ans
- ☒ 1. क्लिनोमीटर
  - ☒ 2. सेक्सटेंट
  - ☒ 3. सायलॉन घाट ट्रेसर
  - ☒ 4. पैन्टाग्राफ

Question ID : 16794327685  
Status : Answered  
Chosen Option : 4

Q.4  
4 Which one of these methods is used to find the in-situ density of soil?

- Ans
- ☒ 1. Pycnometer Method
  - ☒ 2. Torsion balance method
  - ☒ 3. Alcohol Method
  - ☒ 4. Rubber Balloon Method

Question ID : 16794327628  
Status : Answered  
Chosen Option : 1

Q.4  
5 Which of the following is FALSE about vitrified sewer pipes?

- Ans
- ☒ 1. Highly resistant to sulphide corrosion
  - ☒ 2. Highly imperious
  - ☒ 3. High compressive strength
  - ☒ 4. Light weight

Question ID : 16794327711  
Status : Answered  
Chosen Option : 4

Q.4  
6 5 day BOD is taken at a temperature of \_\_\_\_\_.

- Ans
- ☒ 1. 20 °C



- ☒ 2. 15 °C
- ☒ 3. 10 °C
- ☒ 4. 0 °C

Question ID : 16794327712  
Status : Answered  
Chosen Option : 1

Q.4 7 Which of these resistances is NOT overcome by the engine of a vehicle moving at a certain speed?

- Ans
- ☒ 1. Air Resistance
  - ☒ 2. Grade Resistance
  - ☒ 3. Frictional Resistance
  - ☒ 4. Rolling Resistance

Question ID : 16794327662  
Status : Answered  
Chosen Option : 4

Q.4 8 वह सड़क, जिससे तीव्र और सुरक्षित शहरी यातायात और आवागमन संभव होता है, कहलाता है:

- Ans
- ☒ 1. कलेक्टर स्ट्रीट
  - ☒ 2. SH
  - ☒ 3. मुख्य मार्गीय (Arterial Roads)
  - ☒ 4. एक्सप्रेस-वे

Question ID : 16794327710  
Status : Answered  
Chosen Option : 1

Q.4 9 Which of the following is NOT considered as dead load

- Ans
- ☒ 1. Erection load
  - ☒ 2. Self-weight of the floor slab
  - ☒ 3. Self-weight of a beam
  - ☒ 4. Self-weight of a column

Question ID : 16794327694  
Status : Answered  
Chosen Option : 1

Q.5 0 What is defined as the ratio of power given by water to the runner of a turbine to the power supplied by the water at the inlet of the turbine?

- Ans
- ☒ 1. Mechanical Efficiency
  - ☒ 2. Volumetric Efficiency
  - ☒ 3. Overall Efficiency

✓ 4. Hydraulic Efficiency

Question ID : 16794327625  
Status : Answered  
Chosen Option : 4

Q.5 What is the time gap between explosion and mucking process, within which the ventilation system installed should  
1 clear all poisoned gases and dust in tunnels?

- Ans
- ✗ 1. 20 min
  - ✓ 2. 30 min
  - ✗ 3. 25 min
  - ✗ 4. 15 min

Question ID : 16794327667  
Status : Answered  
Chosen Option : 1

Q.5 Process of taking levels on each side of a main line at right angles to that line is called \_\_\_\_\_.  
2

- Ans
- ✗ 1. Differential levelling
  - ✓ 2. Cross-section levelling
  - ✗ 3. Profile levelling
  - ✗ 4. Reciprocal levelling

Question ID : 16794327692  
Status : Answered  
Chosen Option : 2

Q.5 Bangalore falls under which seismic zone?  
3

- Ans
- ✗ 1. Zone III
  - ✓ 2. Zone II
  - ✗ 3. Zone IV
  - ✗ 4. Zone V

Question ID : 16794327695  
Status : Answered  
Chosen Option : 3

Q.5 Hydrograph is a graphical Representation of \_\_\_\_\_.  
4

- Ans
- ✓ 1. Runoff and Time
  - ✗ 2. Cumulative Rainfall and Time
  - ✗ 3. Discharge and Time
  - ✗ 4. Rainfall Depth and Time

Question ID : 16794327655  
Status : Answered  
Chosen Option : 4

Q.5  
5 Effective area of fillet weld is equal to the product of \_\_\_\_\_.

- Ans
- ☒ 1. Effective length and effective width
  - ☒ 2. Effective length and effective throat thickness
  - ☒ 3. Effective throat thickness and effective width
  - ☒ 4. Effective throat thickness and transverse spacing

Question ID : 16794327717  
Status : Answered  
Chosen Option : 2

Q.5  
6 Which of these shaped traps are NOT used in water closet?

- Ans
- ☒ 1. P Trap
  - ☒ 2. C Trap
  - ☒ 3. S Trap
  - ☒ 4. Q Trap

Question ID : 16794327649  
Status : Answered  
Chosen Option : 4

Q.5  
7 The ratio of lateral strain to linear strain is known as \_\_\_\_\_.

- Ans
- ☒ 1. Youngs's Modulus
  - ☒ 2. Hooke's Law
  - ☒ 3. Volumetric Strain
  - ☒ 4. Poisson's Ratio

Question ID : 16794327638  
Status : Answered  
Chosen Option : 4

Q.5  
8 If  $f_y$  is the yield stress, then the permissible shear stress for a steel structure is \_\_\_\_\_.

- Ans
- ☒ 1.  $0.4 f_y$
  - ☒ 2.  $0.45 f_y$
  - ☒ 3.  $0.6 f_y$
  - ☒ 4.  $0.66 f_y$

Question ID : 16794327713  
Status : Answered  
Chosen Option : 1

Q.5  
9 What is the top diameter and bottom diameter, respectively, of the frustum of the cone used in slump test apparatus that is used to find the consistency of concrete?

- Ans
- ☒ 1. 15 cm and 25 cm
  - ☒ 2. 10 cm and 30 cm
  - ☒ 3. 15 cm and 30 cm
  - ☒ 4. 10 cm and 20 cm

Question ID : 16794327677  
Status : Answered  
Chosen Option : 4

Q.6  
0 Petrology deals with the study of \_\_\_\_\_.

- Ans
- ☒ 1. Minerals
  - ☒ 2. Origin and characteristics of rocks
  - ☒ 3. Structure of earth
  - ☒ 4. Characteristics of petroleum products

Question ID : 16794327683  
Status : Answered  
Chosen Option : 4

Q.6  
1 Which type of support prevents the movement of the support in each of the three directions?

- Ans
- ☒ 1. Roller support
  - ☒ 2. Ball support
  - ☒ 3. Fixed support
  - ☒ 4. Ball and socket support

Question ID : 16794327701  
Status : Answered  
Chosen Option : 3

Q.6  
2 In self-cleansing velocity, \_\_\_\_\_.

- Ans
- ☒ 1. Solid particles will float on surface and does not move
  - ☒ 2. Solid particles does not move with water
  - ☒ 3. Solid particles in suspension move along with water
  - ☒ 4. Solid particles get settled at the bottom

Question ID : 16794327706  
Status : Answered  
Chosen Option : 3

Q.6  
3 Which instrument is used to measure Arbitrary Bearing?

- Ans
- ☒ 1. Theodolite
  - ☒ 2. Cylone ghat tracer
  - ☒ 3. Astronomical observations

☒ 4. Pantagraph

Question ID : 16794327686  
Status : Answered  
Chosen Option : 1

Q.6  
4 Measurements taken using photographs as the prime non-contact medium is called \_\_\_\_\_.

- Ans ☒ 1. Tellurometer  
☒ 2. Remote sensing  
☒ 3. Photogrammetry  
☒ 4. EDM

Question ID : 16794327737  
Status : Answered  
Chosen Option : 2

Q.6  
5 The pressure of fluid is measured by:

- Ans ☒ 1. Notch  
☒ 2. Manometer  
☒ 3. Barometer  
☒ 4. Orifice

Question ID : 16794327621  
Status : Answered  
Chosen Option : 3

Q.6  
6 Ratio of the volume of voids to the volume of soil solids in the given soil mass is known as \_\_\_\_\_.

- Ans ☒ 1. Absorbency  
☒ 2. Void ratio  
☒ 3. Porosity  
☒ 4. Penetration capacity

Question ID : 16794327633  
Status : Answered  
Chosen Option : 2

Q.6  
7 According to I.S. specifications, rivets or bolts carrying a calculated shear stress through a packing more than 6 mm thick should be increased by how many percentage for each 2 mm thickness of packing?

- Ans ☒ 1. 3.5%  
☒ 2. 1.5%  
☒ 3. 5%  
☒ 4. 2.5%

Question ID : 16794327721  
Status : Answered  
Chosen Option : 2



Q.6  
8 What is the major source of atmospheric moisture for precipitation?

- Ans
- ☐ 1. Evaporation from ponds
  - ☒ 2. Evaporation from oceans
  - ☐ 3. Evaporation from wells
  - ☐ 4. Evaporation from rivers

Question ID : 16794327670  
Status : Answered  
Chosen Option : 2

Q.6  
9 Which instrument can be used to measure the area of a plan of any shape?

- Ans
- ☐ 1. Ceylon ghat tracer
  - ☐ 2. Tellurometer
  - ☐ 3. Sextant
  - ☒ 4. Planimeter

Question ID : 16794327693  
Status : Answered  
Chosen Option : 1

Q.7  
0 \_\_\_\_\_ is the number of vehicles moving in a specified direction on a given lane or roadway that pass a given point or cross-section during a specified unit of time.

- Ans
- ☐ 1. Traffic Capacity
  - ☒ 2. Traffic Volume
  - ☐ 3. Traffic Density
  - ☐ 4. Practical Capacity

Question ID : 16794327673  
Status : Answered  
Chosen Option : 3

Q.7  
1 Detention time is the ratio of \_\_\_\_\_.

- Ans
- ☒ 1. Volume to flow rate
  - ☐ 2. Flow rate to density
  - ☐ 3. Volume to density
  - ☐ 4. Density to flow rate

Question ID : 16794327709  
Status : Answered  
Chosen Option : 1

Q.7  
2 Water that forms a hydration shell around soil grains is known as \_\_\_\_\_.

- Ans
- ☐ 1. Structural water

- ☒ 2. Pore water  
☒ 3. Infiltrated water  
☒ 4. Solvate water

Question ID : 16794327636  
 Status : Answered  
 Chosen Option : 3

Q.7  
3 Analysis of space trusses can be carried out using \_\_\_\_\_.

- Ans ☒ 1. Mohr's method  
☒ 2. Combination of section method and joint method  
☒ 3. Shape factor and joint method  
☒ 4. Only shape factor

Question ID : 16794327702  
 Status : Answered  
 Chosen Option : 3

Q.7  
4 Sewer that receives sewage from the collecting systems and conducts it to a point of final discharge or to disposal plant is called \_\_\_\_\_.

- Ans ☒ 1. Relief sewer  
☒ 2. Lateral sewer  
☒ 3. Intercepting sewer  
☒ 4. Outfall sewer

Question ID : 16794327707  
 Status : Answered  
 Chosen Option : 4

Q.7  
5 Which of these soils are deposited by wind action?

- Ans ☒ 1. Glacial soil  
☒ 2. Volcanic soil  
☒ 3. Alluvial soil  
☒ 4. Aeolian soil

Question ID : 16794327671  
 Status : Answered  
 Chosen Option : 4

Q.7  
6 A flow is said to be Sub-sonic Flow if the Mach number is \_\_\_\_\_.

- Ans ☒ 1. More than 1  
☒ 2. Equal to 0  
☒ 3. Equal to 1  
☒ 4. Less than 1

Question ID : 16794327623  
Status : Answered  
Chosen Option : 4

Q.7  
7 What is the bulk modulus for steel in  $\text{N/m}^2$ ?

- Ans
- ☒ 1.  $125 \times 10^9$
  - ☒ 2.  $160 \times 10^9$
  - ☒ 3.  $2.2 \times 10^9$
  - ☒ 4.  $75 \times 10^9$

Question ID : 16794327700  
Status : Answered  
Chosen Option : 3

Q.7  
8 Which of the following types of survey is NOT based on the object of survey?

- Ans
- ☒ 1. Engineering survey
  - ☒ 2. Geological survey
  - ☒ 3. Military survey
  - ☒ 4. Astronomical survey

Question ID : 16794327690  
Status : Answered  
Chosen Option : 3

Q.7  
9 In which of the following tests is the solid specimen of soil subjected to direct stress in three mutually perpendicular directions?

- Ans
- ☒ 1. Direct Shear Test
  - ☒ 2. Unconfined Compression Test
  - ☒ 3. Vane Shear Test
  - ☒ 4. Triaxial Compression Test

Question ID : 16794327630  
Status : Answered  
Chosen Option : 4

Q.8  
0 In a column, the ratio of its effective length to radius of gyration is called:

- Ans
- ☒ 1. Bulk Modulus
  - ☒ 2. Slenderness Ratio
  - ☒ 3. Poisson's Ratio
  - ☒ 4. Young's Modulus

Question ID : 16794327645  
Status : Answered  
Chosen Option : 2

Q.8  
1 Which of the following is NOT an effect of Fly Ash on cement concrete?

- Ans
- ☒ 1. Reduces permeability of concrete
  - ☒ 2. Increases the heat of hydration of concrete
  - ☒ 3. Reduces the amount of air entrainment
  - ☒ 4. Slightly improves resistance to sulphate attack

Question ID : 16794327679  
Status : Answered  
Chosen Option : 3

Q.8  
2 The constituent of cement that is responsible for all the undesirable property of cement due to its strong reactive nature of the Portland Clinker phases is:

- Ans
- ☒ 1. Tri-calcium silicate
  - ☒ 2. Di-calcium silicate
  - ☒ 3. Tetra-calcium aluminoferrite
  - ☒ 4. Tri-calcium aluminate

Question ID : 16794327730  
Status : Answered  
Chosen Option : 3

Q.8  
3 Which geometrical method is used to find principal planes, maximum shear stress and their planes?

- Ans
- ☒ 1. Mohr's Circle of Stress
  - ☒ 2. Macaulay's Method
  - ☒ 3. Moment Area Theorem
  - ☒ 4. SFD and BMD

Question ID : 16794327640  
Status : Answered  
Chosen Option : 1

Q.8  
4 Who was the first Swiss Mathematician to derive theoretical expression for buckling load?

- Ans
- ☒ 1. Rankine
  - ☒ 2. Coulomb
  - ☒ 3. St. Venant
  - ☒ 4. Leonard Euler

Question ID : 16794327644  
Status : Answered  
Chosen Option : 4

Q.8  
5 Pandrol Clips are used in which railway tracks?

- Ans
- ☒ 1. Bullet train tracks
  - ☒ 2. Light rail tracks

- ✓ 3. Ballast-less tracks
- ✗ 4. Dedicated freight corridor tracks

Question ID : 16794327664  
Status : Answered  
Chosen Option : 4

Q.8 What is the formula to find the nominal diameter of rivet using Unwin's Formula?

- Ans
- ✗ 1.  $4.23 \sqrt{t}$
- ✗ 2.  $5.35 \sqrt{t}$
- ✗ 3.  $3.75 \sqrt{t}$
- ✓ 4.  $6.04 \sqrt{t}$

Question ID : 16794327723  
Status : Answered  
Chosen Option : 4

Q.8 Width of carriageway for a single-lane road according to Indian Road Congress is:

- Ans
- ✗ 1. 3.25 m
- ✓ 2. 3.75 m
- ✗ 3. 3.50 m
- ✗ 4. 4.00 m

Question ID : 16794327672  
Status : Answered  
Chosen Option : 2

Q.8 As per IS 456-2000, the ultimate load in an RC structure in which effect of wind and earthquake load is neglected, should be:

- Ans
- ✗ 1.  $1.5 DL + 0.5 LL$
- ✗ 2.  $1.2 DL + 2.5 LL$
- ✓ 3.  $1.5 DL + 2.2 LL$
- ✗ 4.  $1.5 DL + 1.8 LL$

Question ID : 16794327735  
Status : Answered  
Chosen Option : 4

Q.8 A compound lens free from spherical aberration is known as \_\_\_\_\_.

- Ans
- ✗ 1. Elimination of parallax
- ✓ 2. Aplanatic combination
- ✗ 3. Magnification
- ✗ 4. Achromatic combination

Question ID : 16794327691



Status : **Answered**  
Chosen Option : 1

Q.9 For simply supported slab, what is the minimum thickness of solid one-way slab taking vertical deflection criteria in consideration?

- Ans
- ☒ 1.  $L/8$
  - ☒ 2.  $L/24$
  - ☒ 3.  $L/20$
  - ☒ 4.  $L/10$

Question ID : 16794327734  
Status : **Answered**  
Chosen Option : 3

Q.9 Most suitable chemical to reduce the evaporation of water is?

- Ans
- ☒ 1. Methyl Alcohol
  - ☒ 2. Butyl Alcohol
  - ☒ 3. Cetyl Alcohol
  - ☒ 4. Ethyl Alcohol

Question ID : 16794327654  
Status : **Answered**  
Chosen Option : 3

Q.9 Shape factor may be defined as the ratio of \_\_\_\_\_.

- Ans
- ☒ 1. Elastic Modulus to Plastic Modulus
  - ☒ 2. Plastic Modulus to Rigidity Modulus
  - ☒ 3. Elastic Modulus to Lateral Strain
  - ☒ 4. Plastic Modulus to Elastic Modulus

Question ID : 16794327698  
Status : **Answered**  
Chosen Option : 4

Q.9 A curve that changes the alignment of road from downhill to uphill is called \_\_\_\_\_.

- Ans
- ☒ 1. Sag Curve
  - ☒ 2. Transition Curve
  - ☒ 3. Summit Curve
  - ☒ 4. Reverse Curve

Question ID : 16794327689  
Status : **Answered**  
Chosen Option : 3

Q.9 Which of these is an indirect method for the determination of stream flow?

- Ans
- ☒ 1. Dilution techniques
  - ☐ 2. Slope area method
  - ☒ 3. Ultrasonic method
  - ☒ 4. Area Velocity method

Question ID : 16794327656  
Status : Answered  
Chosen Option : 4

Q.9  
5 Which of these produces dangerous photochemical smog?

- Ans
- ☒ 1. Lead
  - ☒ 2. Benzene
  - ☒ 3. Carbon Monoxide
  - ☐ 4. Hydrocarbons

Question ID : 16794327652  
Status : Answered  
Chosen Option : 1

Q.9  
6 Which gas is the basic cause of Crown Corrosion?

- Ans
- ☐ 1.  $H_2S$
  - ☒ 2.  $NH_3$
  - ☒ 3.  $CH_4$
  - ☒ 4.  $CO_2$

Question ID : 16794327708  
Status : Answered  
Chosen Option : 1

Q.9  
7 Ratio of shearing stress to shearing strain is known as \_\_\_\_\_.

- Ans
- ☒ 1. Polar Modulus
  - ☒ 2. Bulk Modulus
  - ☐ 3. Rigidity Modulus
  - ☒ 4. Modulus of Elasticity

Question ID : 16794327646  
Status : Answered  
Chosen Option : 3

Q.9  
8 Hooke's law is valid up to what limit?

- Ans
- ☐ 1. Elastic Limit
  - ☒ 2. Ultimate Stress
  - ☒ 3. Breaking Point

☒ 4. Plastic Limit

Question ID : 16794327639

Status : Answered

Chosen Option : 1

Q.9 Natural rupture along with the opposite walls have moved with respect to each other is called \_\_\_\_\_.

9

Ans ☒ 1. Fault

☒ 2. Conglomerate

☒ 3. Cleavage

☒ 4. Joint

Question ID : 16794327687

Status : Answered

Chosen Option : 3

Q.1 Which ventilation system is suitable for tunnels longer than 4-5 km?

00

Ans ☒ 1. Natural Ventilation system

☒ 2. Transverse airflow ventilation system

☒ 3. Mechanical system

☒ 4. Longitudinal ventilation system

Question ID : 16794327668

Status : Answered

Chosen Option : 4

Q.1 Which of these solid wastes is used in Ceramic Industry?

01

Ans ☒ 1. Chromium Sludge

☒ 2. Fly Ash

☒ 3. Blast Furnace Slag

☒ 4. Red Mud

Question ID : 16794327647

Status : Answered

Chosen Option : 3

Q.1 The type of flow in which the velocity at any given time does NOT change with respect to space is known as:

02

Ans ☒ 1. Steady Flow

☒ 2. Compressible Flow

☒ 3. Uniform Flow

☒ 4. Laminar Flow

Question ID : 16794327619

Status : Answered

Chosen Option : 1

Q.1  
03 A surveying instrument in which a single observer can bisect two ranging rods simultaneously to set perpendicular is:

- Ans
- ☐ 1. Cross staff
  - ☒ 2. Sextant
  - ☐ 3. Dumpy level
  - ☐ 4. Clinometers

Question ID : 16794327726

Status : Answered

Chosen Option : 1

Q.1  
04 The wastewater from bathrooms, kitchens, washing places and wash basin, etc. is called \_\_\_\_\_.

- Ans
- ☐ 1. Garbage
  - ☐ 2. Sanitary sewage
  - ☐ 3. Rubbish
  - ☒ 4. Sullage

Question ID : 16794327705

Status : Answered

Chosen Option : 2

Q.1  
05 The shortest distance from the root of the fillet weld to the face of the weld is called \_\_\_\_\_.

- Ans
- ☐ 1. Effective area
  - ☒ 2. Effective throat thickness
  - ☐ 3. Effective length
  - ☐ 4. Effective depth

Question ID : 16794327716

Status : Answered

Chosen Option : 2

Q.1  
06 Which of these is NOT a function of check rail?

- Ans
- ☐ 1. Protection from derailment
  - ☒ 2. Protection for interlocking system of railway track
  - ☐ 3. Protection for flange from excessive wear
  - ☐ 4. Protection from excessive wear of rail

Question ID : 16794327663

Status : Answered

Chosen Option : 2

Q.1  
07 Combined use of surface and sub-surface water in judicious manner to derive maximum benefit is termed as \_\_\_\_\_.

Ans

- ☒ 1. Conjunctive use of water  
☐ 2. Balanced use of water  
☐ 3. Over usage of water  
☐ 4. Effective use of water

Question ID : 16794327658  
Status : Answered  
Chosen Option : 4

Q.1 08 If it is the thickness of the plate, tacking rivets should have a pitch in line NOT exceeding:

- Ans ☐ 1. 32t or 200  
☒ 2. 32t or 300  
☐ 3. 16t or 300  
☐ 4. 16t or 200

Question ID : 16794327720  
Status : Answered  
Chosen Option : 4

Q.1 09 A fluid in which shear stress is more than the yield value and shear stress is proportional to the rate of shear strain is known as:

- Ans ☐ 1. Newtonian Fluid  
☐ 2. Ideal Fluid  
☐ 3. Real Fluid  
☒ 4. Ideal Plastic Fluid

Question ID : 16794327618  
Status : Answered  
Chosen Option : 4

Q.1 10 According to Highway Research Board, into how many primary groups is soil classified into?

- Ans ☐ 1. 8 types  
☒ 2. 7 types  
☐ 3. 6 types  
☐ 4. 10 types

Question ID : 16794327629  
Status : Answered  
Chosen Option : 1

Q.1 11 According to \_\_\_\_\_, failure in a complex system occurs when the maximum strain in it reaches the value of the strain in uniaxial stress at elastic limit.

- Ans ☐ 1. Maximum Principal Stress Theory  
☒ 2. Maximum Strain Theory  
☐ 3. Maximum Distortion Energy Theory



#### ✗ 4. Maximum Shear Stress Theory

Question ID : 16794327642  
Status : Answered  
Chosen Option : 2

Q.1  
12 Plain cement concrete has a unit weight of:

- Ans
- ✗ 1. 20 KN/m<sup>3</sup>
  - ✓ 2. 24 KN/m<sup>3</sup>
  - ✗ 3. 18 KN/m<sup>3</sup>
  - ✗ 4. 26 KN/m<sup>3</sup>

Question ID : 16794327729  
Status : Answered  
Chosen Option : 2

Q.1  
13 Thin tabular bodies of magma which essentially penetrate parallel to the bedding planes of foliations of the country rocks is known as \_\_\_\_\_.

- Ans
- ✓ 1. Sills
  - ✗ 2. Lopoliths
  - ✗ 3. Laccoliths
  - ✗ 4. Dykes

Question ID : 16794327725  
Status : Answered  
Chosen Option : 3

Q.1  
14 How many major river basins does India have?

- Ans
- ✗ 1. 13
  - ✗ 2. 15
  - ✗ 3. 10
  - ✓ 4. 12

Question ID : 16794327661  
Status : Answered  
Chosen Option : 4

Q.1  
15 Pascal's Law states that \_\_\_\_\_, pressure at a point is equal in all directions.

- Ans
- ✗ 1. in a turbulent flow
  - ✗ 2. in a laminar flow
  - ✓ 3. in a static fluid
  - ✗ 4. in a liquid at rest

Question ID : 16794327626  
Status : Answered

Chosen Option : 2

Q.1 16 Which of the following method is NOT a category of tunnelling methods?

- Ans
- ☒ 1. Ring drilling method
  - ☒ 2. Pressure and pump method
  - ☒ 3. Side drift method
  - ☒ 4. Groove method

Question ID : 16794327666

Status : Answered

Chosen Option : 4

Q.1 17 Which test is used to determine the undrained shear strength of cohesive soil?

- Ans
- ☒ 1. Triaxial Compression Test
  - ☒ 2. Vane Shear Test
  - ☒ 3. Direct Shear Test
  - ☒ 4. Inter Laminar Shear Strength Test

Question ID : 16794327631

Status : Answered

Chosen Option : 1

Q.1 18 Piles that are used in locations where increase in the end bearing area is desired are called:

- Ans
- ☒ 1. Western button bottom piles
  - ☒ 2. Swage piles
  - ☒ 3. Raymond piles
  - ☒ 4. Union metal monotube piles

Question ID : 16794327632

Status : Answered

Chosen Option : 4

Q.1 19 What is defined as the minimum water content at which a soil will just begin to crumble when rolled into a thread approximately 3 mm diameter

- Ans
- ☒ 1. Liquidity Index
  - ☒ 2. Liquid Limit
  - ☒ 3. Plastic Index
  - ☒ 4. Plastic Limit

Question ID : 16794327627

Status : Answered

Chosen Option : 2

Q.1 20 Plastics are examples of \_\_\_\_\_.

Ans ☒ 1. anhydrides

☒ 2. polymeric materials

☒ 3. ceramic materials

☒ 4. elastomers

Question ID : 16794327681

Status : Answered

Chosen Option : 2

#### Section : General Ability

Q.1 प्रकाश का परिचय देते हुए रामू ने कहा, "मेरा कोई भाई या बहन नहीं है, लेकिन प्रकाश के पिता मेरे पिता के बेटे हैं"।  
रामू प्रकाश से कैसे संबंधित है?

Ans ☒ 1. बेटा

☒ 2. चाचा

☒ 3. पिता

☒ 4. भाई

Question ID : 16794327740

Status : Answered

Chosen Option : 3

Q.2 एक कक्षा में 18 लड़के हैं जो फुटबॉल के खिलाड़ी हैं। यदि ये लड़कों की संख्या के  $\frac{3}{4}$  हैं और कक्षा में लड़कों की कुल संख्या, विद्यार्थियों की कुल संख्या का  $\frac{2}{3}$  है, तो कक्षा में लड़कियों की संख्या कितनी है?

Ans ☒ 1. 12

☒ 2. 10

☒ 3. 15

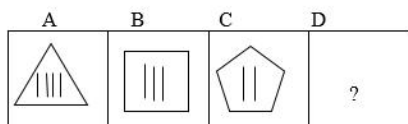
☒ 4. 8

Question ID : 16794327746

Status : Answered

Chosen Option : 1

Q.3 Select the option that is relation to figure C in the same way was figure B is related to figure A.



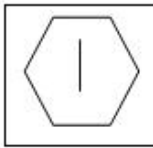
Ans ☒ 1.

☒ 2.

✗ 3.



✓ 4.



Question ID : 16794327747  
Status : Answered  
Chosen Option : 4

Q.4 Choose the similar pair for the following:

$225 : 16 :: \text{-----}$

- Ans ✓ 1. 196 : 15  
✗ 2. 144 : 12  
✗ 3. 442 : 21  
✗ 4. 400 : 19

Question ID : 16794327739  
Status : Answered  
Chosen Option : 1

Q.5 A figure is given followed by four alternatives 1, 2, 3 and 4. Choose the alternative which most closely resembles the mirror image of the given figure.



- Ans
- ✗ 1.
- ✗ 2.
- ✗ 3.
- ✓ 4.

Question ID : 16794327745  
Status : Answered  
Chosen Option : 4

Q.6

Select the option that will correctly replace the question mark (?) in the series.

0, 2, 6, 12, 20, 30, 42, 56, 72, ?

- Ans ☒ 1. 92  
☒ 2. 90  
☒ 3. 86  
☒ 4. 82

Question ID : 16794327738  
 Status : Answered  
 Chosen Option : 2

Q.7 Four number-pairs have been given out of which three are alike in some manner, while the fourth one is different.  
 Choose out the odd one.

- Ans ☒ 1. 15 – 215  
☒ 2. 19 – 247  
☒ 3. 17 – 221  
☒ 4. 13 – 169

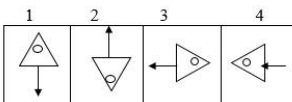
Question ID : 16794327744  
 Status : Answered  
 Chosen Option : 1

Q.8 If B = 3, G = 8, then LANGUAGE = ?

- Ans ☒ 1. 79  
☒ 2. 69  
☒ 3. 76  
☒ 4. 68

Question ID : 16794327742  
 Status : Answered  
 Chosen Option : 3

Q.9 In the following problem, out of four figures marked 1, 2, 3 and 4, three are similar in a certain manner. However one figure is not like the other three. Choose the figure which is different from the rest.



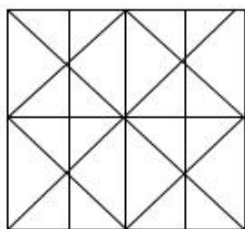
- Ans ☒ 1. 1  
☒ 2. 3  
☒ 3. 4  
☒ 4. 2

Question ID : 16794327741  
 Status : Answered  
 Chosen Option : 3

Q.1  
 0



Find the minimum number of straight lines in the following figure.



- Ans
- ☒ 1. 20
  - ☒ 2. 12
  - ☒ 3. 14
  - ☒ 4. 16

Question ID : 16794327743  
Status : Answered  
Chosen Option : 3

Q.1 If the interior angle of a regular polygon is  $135^\circ$ , then the number of sides of the polygon is:

- Ans
- ☒ 1. 7
  - ☒ 2. 6
  - ☒ 3. 8
  - ☒ 4. 5

Question ID : 16794327756  
Status : Answered  
Chosen Option : 4

Q.1 Which of the following ratio is the same as  $4^{3.5} : 2^5$  ?

- Ans
- ☒ 1. 5 : 1
  - ☒ 2. 2 : 1
  - ☒ 3. 4 : 1
  - ☒ 4. 7 : 10

Question ID : 16794327753  
Status : Answered  
Chosen Option : 3

Q.1 The average of 2, 7, 6 and x is 5 and the average of 18, 1, 6, x and y is 10. Then the value of y is:

- Ans
- ☒ 1. 30
  - ☒ 2. 20
  - ☒ 3. 10
  - ☒ 4. 5

Question ID : 16794327750  
Status : Answered  
Chosen Option : 2

Q.1 The height of a right circular cone is 21 m and the radius of its base is 28 m. The total surface area of the cone is:

4

$$(\pi = \frac{22}{7})$$

- Ans
- ☒ 1. 5445 m<sup>2</sup>
  - ☒ 2. 5554 m<sup>2</sup>
  - ☒ 3. 5545 m<sup>2</sup>
  - ☒ 4. 5544 m<sup>2</sup>

Question ID : 16794327757

Status : Answered

Chosen Option : 4

Q.1 The sum of all the 2 -digit numbers that are divisible by 3 is:

5

- Ans
- ☒ 1. 1645
  - ☒ 2. 1665
  - ☒ 3. 1655
  - ☒ 4. 1675

Question ID : 16794327748

Status : Answered

Chosen Option : 1

Q.1 Suppose that the difference of two numbers is 1660 . If 12.5% of one number is 7.5% of the other number, then the two numbers are:

6

- Ans
- ☒ 1. 4150, 2490
  - ☒ 2. 4250, 2490
  - ☒ 3. 4350, 2490
  - ☒ 4. 4150, 2390

Question ID : 16794327751

Status : Answered

Chosen Option : 1

Q.1 If 12 men work for 8 hours a day, they can make 80 chairs in 20 days. Find the number of days required for 30 men to make 120 chairs working 6 hours a day.

7

- Ans
- ☒ 1. 8 days
  - ☒ 2. 16 days
  - ☒ 3. 20 days
  - ☒ 4. 12 days

Question ID : 16794327755

Status : Answered

Chosen Option : 2

Q.1  
8

On selling a product, a manufacturer gains 10%, the dealer gets 15% and the retail seller gets 25%. If the retail price of the product is ₹ 12650, then the cost of production is:

- Ans
- ☒ 1. ₹ 9500
  - ☒ 2. ₹ 9000
  - ☒ 3. ₹ 8000
  - ☒ 4. ₹ 8500

Question ID : 16794327752

Status : Answered

Chosen Option : 4

Q.1  
9 Suppose  $\frac{a}{b} = \frac{6}{5}$ . Then the value of  $\frac{a^2+b^2}{a^2-b^2}$  is:

- Ans
- ☒ 1. 61/11
  - ☒ 2. 61/21
  - ☒ 3. 71/11
  - ☒ 4. 51/21

Question ID : 16794327749

Status : Answered

Chosen Option : 1

Q.2  
0 Find the number of years for which a sum of money will triple itself at 25% per annum simple interest.

- Ans
- ☒ 1. 8
  - ☒ 2. 4
  - ☒ 3. 12
  - ☒ 4. 2

Question ID : 16794327754

Status : Answered

Chosen Option : 3

Q.2  
1 भारतीय संविधान के अनुसार, वर्ष \_\_\_\_\_ में लोक सभा और हर राज्य की विधान सभा के चुनावों के लिए मतदान की उम्र को 21 वर्ष से घटाकर 18 वर्ष कर दिया गया।

- Ans
- ☒ 1. 1997
  - ☒ 2. 2001
  - ☒ 3. 1988
  - ☒ 4. 1984

Question ID : 16794327760

Status : Answered

Chosen Option : 3

Q.2  
2 लॉर्ड डलहौजी किस वर्ष भारत के गवर्नर-जनरल बने?

- Ans
- ☒ 1. 1901
  - ☒ 2. 1848

✗ 3. 1945

✗ 4. 1864

Question ID : 16794327761

Status : Answered

Chosen Option : 4

Q.2 निम्नलिखित में से किसने बास्केटबॉल में योगदान के लिए 2019 का पद्म श्री पुरस्कार जीता?

Ans ✓ 1. प्रशांति सिंह

✗ 2. बोम्बायला लेशराम

✗ 3. बछेंद्री पाल

✗ 4. हरिका द्रोणावल्ली

Question ID : 16794327765

Status : Answered

Chosen Option : 1

Q.2 वित्त मंत्रालय के बयान के अनुसार, निम्नलिखित में से किस महीने का जी.एस.टी. राजस्व संग्रह एक लाख करोड़ रुपए को पार कर गया?

Ans ✗ 1. अगस्त 2018

✗ 2. जुलाई 2018

✓ 3. मार्च 2019

✗ 4. दिसंबर 2018

Question ID : 16794327763

Status : Answered

Chosen Option : 3

Q.2 मार्च 2019 में राष्ट्रपति राम नाथ कोविंद ने \_\_\_\_\_ को देश के पहले लोकपाल के रूप में पद की शपथ दिलाई।

Ans ✗ 1. जस्टिस अभिलाषा कुमारी

✓ 2. जस्टिस पिनाकी चंद्र घोष

✗ 3. जस्टिस प्रदीप कुमार मोहंती

✗ 4. जस्टिस दिलीप बी. भोसले

Question ID : 16794327762

Status : Answered

Chosen Option : 4

Q.2 निम्नलिखित में से कौन सा व्यक्ति एक ग्रासरूट इनोवेटर है, जिसे अनार डिसीडर सहित 100 से अधिक कृषि मशीनों के आविष्कार के लिए जाना जाता है?

Ans ✓ 1. उदब भारली

✗ 2. शंकरलिंगम नारायणन

✗ 3. रोहिणी गोडबोले

✗ 4. बलदेव दिल्ली

Question ID : 16794327764

Status : Answered

Chosen Option : 4

Q.2 निम्नलिखित में से कौन सा अनुष्ठानिक/कर्म कांडी नृत्य भारत के केरल राज्य से सम्बंधित है?

Ans ✗ 1. थेरुकूट्ट

✓ 2. मुडीयेट्ट

✗ 3. यक्षागाना

✗ 4. भांड पाथेर

Question ID : 16794327758

Status : Answered

Chosen Option : 1

Q.2 निम्नलिखित में से कौन सा ऐतिहासिक स्थल गुजरात में स्थित है?

Ans ✗ 1. हुमायूँ का मकबरा

✗ 2. भीमबेटका शैलाश्रय

✓ 3. रानी-की-वाव

✗ 4. अजंता गुफाएँ

Question ID : 16794327759

Status : Answered

Chosen Option : 3

Q.2 अप्रैल 2019 में, विजया बैंक और देना बैंक का \_\_\_\_\_ के साथ विलय हो गया, जो भारत में सार्वजनिक क्षेत्र के सबसे बड़े बैंक में से एक है।

Ans ✗ 1. केनरा बैंक

✗ 2. बैंक ऑफ इंडिया

✗ 3. भारतीय स्टेट बैंक

✓ 4. बैंक ऑफ बड़ौदा

Question ID : 16794327766

Status : Answered

Chosen Option : 4

Q.3 निम्न में से कौन सा तमिलनाडु का राज्य पक्षी है?

Ans ✗ 1. कोयल



- ✗ 2. फ्लाईकैचर
- ✗ 3. धनेश (हार्नबिल)
- ✓ 4. पन्ना कबूतर

Question ID : 16794327767  
Status : Answered  
Chosen Option : 3

