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Participant ID			
Participant Nam			
Test Center Nam			
Test Date	17/10/2023		
Test Time	4:30 PM - 6:30 PM	A	
Subject	Junior Engineer (Civil)		

Section: Respective Discipline syllabus

Q.1 What will be the diameter of the kern for the hollow circular sectioned vertical compression member?

External diameter = 30 cm

Internal diameter = 10 cm

Ans X 1. 7.50 cm

√ 2. 8.33 cm

× 3. 6.67 cm

× 4. 10 cm

Question ID: 630680398150

Option 1 ID: 6306801552611

Option 2 ID : **6306801552612** 

Option 3 ID : **6306801552613** 

Option 4 ID : **6306801552610** 

Status: Answered





**Q.2** Which of the following stiffeners in a plate girder should be used to prevent local crushing of the web due to concentrated loading?

Ans X 1. Diagonal Stiffener

✓ 2. Bearing Stiffener

X 3. Load carrying Stiffener

X 4. Tension Stiffener

Question ID: 630680398158 Option 1 ID: 6306801552643 Option 2 ID: 6306801552645 Option 3 ID: 6306801552644 Option 4 ID: 6306801552642

Status: Answered

Chosen Option: 3

Q.3 According to the MIT System of Soil Classification, if the soil particles size is in between 0.06 to 2.0 mm then identify the group of the soil.

Ans

✓ 1. Sand

× 2. Silt

X 3. Clay

X 4. Gravel

Question ID: 630680398129 Option 1 ID: 6306801552528 Option 2 ID: 6306801552526 Option 3 ID: 6306801552527 Option 4 ID: 6306801552529

Status : Answered

Chosen Option: 1

Q.4 What is the correct range of composition in percentage of Alumina (Al<sub>2</sub>O<sub>3</sub>) in Ordinary Portland cement?

Ans

X 1 62 to 67

√ 2. 3 to 8

X 3. 17 to 25

X 4. 0.2 to 1

Question ID: 630680398119

Option 1 ID: 6306801552486

Option 2 ID: 6306801552488

Option 3 ID: **6306801552489** 

Option 4 ID: **6306801552487** Status: **Answered** 



Q.5 A RCC simply supported beam has 3.5 m of effective span. According to IS 456: 2000, the beam will be deemed to be a deep beam if

Ans

- ★ 1. The overall depth of beam is 750mm
- X 2. The overall depth of beam is 1000mm
- ★ 4. The overall depth of beam is 800mm

Question ID: 630680398162 Option 1 ID: 6306801552658 Option 2 ID: 6306801552660 Option 3 ID: 6306801552661 Option 4 ID: 6306801552659

Status : **Answered** 

Chosen Option: 3

Q.6 Which load combination satisfies the value of partial safety factor for live loads as 1.5 in case of limit state of strength?

Ans

- $\times$  1. DL + WL+ EL
- X 2. DL+ AL + LL
  - $\times$  3. DL + ER

topographical work?

✓ 4. DL + LL + CL

Question ID: 630680398195

Option 1 ID: **6306801552790** Option 2 ID: **6306801552792** 

Option 3 ID: **6306801552793** Option 4 ID: **6306801552791** 

Status : **Answered** 

Chosen Option: 4

Q.7 Which of the following relation is the correct relation to adopt for determining the contour interval in general

Ans

- $\times$  1. Contour interval =  $\frac{10}{No.of \ cm \ per \ km}$  (meter)
- ✓ 2. Contour interval =  $\frac{25}{No.of \ cm \ per \ km}$  (meter)
- $\times$  3. Contour interval =  $\frac{100}{No.of \ cm \ per \ km}$  (meter)
- $\times$  4. Contour interval =  $\frac{50}{No.of \ cm \ per \ km}$  (meter)

Question ID: 630680398127

Option 1 ID: **6306801552520**Option 2 ID: **6306801552519**Option 3 ID: **6306801552521** 

Option 4 ID: 6306801552518

Status: Answered





Q.8 After immersing the bricks in cold water for 24 hours, the water absorption should not be more than:

Ans

★ 1. 15 percent

X 3. 05 percent

× 4. 10 percent

Question ID: 630680398163 Option 1 ID: 6306801552664 Option 2 ID: 6306801552665 Option 3 ID: 6306801552662 Option 4 ID: 6306801552663 Status: Answered

Chosen Option : 2

Q.9 Which type of rocks are non-crystalline and glassy in texture?

An

★ 1. Hypabyssal igneous rocks

× 2. Plutonic igneous rocks

✗ 3. Aqueous igneous rocks

Question ID: 630680398171
Option 1 ID: 6306801552694
Option 2 ID: 6306801552696
Option 3 ID: 6306801552697
Option 4 ID: 6306801552695
Status: Answered

Chosen Option: 3

Q.10 Find the ratio of the maximum deflections of a simply supported beam with a central point load W and a cantilever beam of same length (identical cross-section and material) and with a point load W at its free end.

Ans

$$\times$$
 2.  $\frac{1}{10}$ 

**X** 3. 
$$\frac{1}{8}$$

$$\times$$
 4.  $\frac{1}{12}$ 

Question ID: 630680398153 Option 1 ID: 6306801552624 Option 2 ID: 6306801552623 Option 3 ID: 6306801552625 Option 4 ID: 6306801552622

Status : **Answered** Chosen Option : **1** 





Q.11 Which type of bituminous is used for cold weather bituminous road construction and maintenance and the distillates used for its preparation are naphtha, kerosene, diesel oil and furnace oil?

Ans

★ 1. Bitumen primers

× 2. Modified bitumen

★ 3. Bitumen emulsion

✓ 4. Cutback bitumen

Question ID: 630680398183 Option 1 ID: 6306801552743 Option 2 ID: 6306801552742

Option 3 ID: 6306801552744 Option 4 ID: 6306801552745

Status: Answered Chosen Option: 4

Q.12 What will be the maximum aggregate crushing value when determined in accordance with IS 2386 (Part 4), for the aggregates to be used in concrete for spillways?

Ans

√ 1. 30%

× 2. 35%

X 3. 45%

× 4. 53%

Question ID: 630680398155

Option 1 ID: 6306801552631 Option 2 ID: 6306801552632 Option 3 ID: 6306801552630

Option 4 ID: 6306801552633

Status: Answered

Chosen Option: 4

Q.13 What should be the minimum gradient for 150mm diameter sewer of building drainage when flowing half-full?

X 1. 1 in 193.

X 2. 1 in 145

X 3. 1 in 57

√ 4. 1 in 100

Question ID: 630680398167

Option 1 ID: 6306801552678 Option 2 ID: 6306801552679

Option 3 ID: 6306801552681

Option 4 ID: 6306801552680

Status: Answered





Q.14 The cavitation in the pump can be avoided by:

Ans

- ✓ 1. Reducing the suction head.
- × 2. Enhancing the velocity in the suction pipe.
- X 3. Enhancing hfs in suction pipe by using smooth pipe.
- ★ 4. Selecting the pump whose specific speed is high.

Question ID: 630680398179 Option 1 ID: 6306801552727 Option 2 ID: 6306801552728 Option 3 ID: 6306801552726 Option 4 ID: 6306801552729 Status: Answered

Chosen Option: 1

Q.15 A 'breast wall' is usually provided above the sill of a canal head regulator at a barrage site, between:

Ans

- 1. Pond level and FSL of canal
- ✓ 2. Pond level and HFL of river
- X 3. Sill level and pond level
- X 4. Bed level of canal.

Question ID: 630680398141 Option 1 ID: 6306801552574 Option 2 ID: 6306801552576 Option 3 ID: 6306801552575 Option 4 ID: 6306801552577

Status : **Answered** Chosen Option : **3** 

Q.16 Choose the correct name of the terminology used in water resources engineering, with the following description.
"Description- The whole period of cultivation from the time when irrigation water is first applied for preparation of the ground for planting the crop, to its last watering before harvesting."

Ans

- X 1. Crop period
- × 2. Delta
- X 3. Field capacity
- 4. Base period

Question ID: 630680398138

Option 1 ID : **6306801552562** Option 2 ID : **6306801552565** 

Option 3 ID : **6306801552564** Option 4 ID : **6306801552563** 

Status: Answered





Q.17 Which is an important outdoor air pollutant often divided into separate categories of methane and non-methane?

Ans

- X 1. Radioactive pollutants
- × 2. Chlorofluorocarbons
- X 3. Carbon monoxide

Question ID: 630680398186 Option 1 ID: 6306801552755 Option 2 ID: 6306801552754

Option 3 ID : **6306801552756** Option 4 ID : **6306801552757** Status : **Answered** 

Chosen Option: 4

Q.18 What is the range of silica content in OPC?

Ans

- X 1. 1-3%
- X 2. 13-18%
- × 3. 0.4-1.3%
- √ 4. 17-25%

Question ID : Option 1 ID : Option 2 ID : Option 3 ID :

Option 4 ID : **6306801552673** Status : **Answered** 

Chosen Option: 2

Q.19 Which of the following statements is/are incorrect regarding construction of Bituminous Pavement?

- i. The main function of Bituminous Surface Dressing is to support the infiltration of surface water.
- ii. The main function of Bituminous Surface Dressing is to serve as a thin wearing course of pavement.
- iii. The main function of Seal Coat is to reduce skid resistant texture.
- iv. The main function of Seal Coat is to enliven an existing dry or weathered bituminous surface.

Ans

- ★ 1. Both (iii) and (iv)
- X 2. Both (i) and (ii)
- X 3. Both (ii) and (iv)
- 4. Both (i) and (iii)

Question ID: 630680398144

Option 1 ID: 6306801552589 Option 2 ID: 6306801552587 Option 3 ID: 6306801552586

Option 4 ID : **6306801552588** 

Status: Answered





Q.20 What is the advantage of dumpy level?

Ans

- ✓ 1. Level readings are very accurate.
- × 2. Vertical angles can easily be quantified.
- X 3. They can also be used in bad lightning condition.
- ★ 4. It can be conveniently used at dusk or places.

Question ID: 630680398170 Option 1 ID: 6306801552690 Option 2 ID: 6306801552691 Option 3 ID: 6306801552693 Option 4 ID: 6306801552692

Status : **Answered** Chosen Option : **1** 

Q.21 Choose the correct statement(s) from the following, related to flow through the open channel.

Statements

- The flow in which depth of flow changes abruptly over a small length of the channel is known as Gradually Varied Flow.
- If at any point in open channel flow, the velocity of flow, depth of flow or rate of flow changes with respect to time then the flow is said to be steady flow.
- For a given length of the channel, the velocity of flow, depth of flow, slope of the channel and cross-section, do
  not remain constant, the flow is known as non-uniform flow.

Ans

- X 1. Both (ii) and (iii)
- × 2. Both (i) and (iii)
- ✓ 3. Only (iii)
- ★ 4. Only (ii)

Question ID: 630680398136

Option 1 ID : **6306801552556** Option 2 ID : **6306801552555** 

Option 3 ID : 6306801552557 Option 4 ID : 6306801552554

Status : Answered





Q.22 Which of the following statements is/are INCORRECT about hot weather concreting?

Statements:

- In hot weather concreting it is recommended to use cements with lower heat of hydration and use water reducing admixtures.
- In hot weather concreting it is recommended to have minimum cement content consistent with other functional requirements.
- iii. In hot weather concreting it is recommended to use insulating formwork.

Ans

★ 1. Only (ii)

× 2. Only (i)

X 3. Both (i) and (ii)

✓ 4. Only (iii)

Question ID: 630680398157 Option 1 ID: 6306801552639 Option 2 ID: 6306801552638 Option 3 ID: 6306801552641 Option 4 ID: 6306801552640

Status : **Answered** 

Chosen Option: 1

Q.23 Which of these should be the maximum total quantity of dry aggregates by mass per 50 kg of cement required, to be taken as the sum of the individual masses of fine and coarse aggregates for M20 grade concrete?

Ans

√ 1. 250 kg

× 2. 330 kg

X 3. 170 kg

× 4. 480 kg

Adda

Question ID: 630680398192

Option 1 ID: 6306801552780 Option 2 ID: 6306801552779 Option 3 ID: 6306801552781 Option 4 ID: 6306801552778

Status : Answered

Chosen Option: 2

Q.24 According to IS 456: 2000, if 28 cubic meter quantity is required for M25 grade of concrete at a site, the minimum number of cube samples should be taken from a site are \_\_\_\_\_\_.

Ans

X 1. 2

X 2. 5

**√** 3. **3** 

X 4. 4

Question ID: 630680398154

Option 1 ID : **6306801552629** Option 2 ID : **6306801552628** 

Option 3 ID : **6306801552626** Option 4 ID : **6306801552627** 

Status : Answered



Q.25 Estimate the cost of brickwork required in a wall 5m long, 3m high, and 150 mm thick and the rate of brickwork is ₹400 per cum

Ans

X 1. ₹600

√ 2. ₹900

× 3. ₹750

× 4. ₹850

Question ID: 630680398122 Option 1 ID: 6306801552498 Option 2 ID: 6306801552499 Option 3 ID: 6306801552500

Option 4 ID: **6306801552501**Status: **Answered** 

Chosen Option: 2

Q.26 Identify the expression for slope according to double integration method?

Ans

$$\times$$
 1.  $EI \frac{d^4y}{dx^4}$ 

$$\checkmark$$
 2.  $\frac{dy}{dx}$ 

$$\times$$
 3.  $EI \frac{d^3y}{dx^3}$ 

$$\times$$
 4.  $EI\frac{d^2y}{dx^2}$ 

Question ID : **630680398189** Option 1 ID : **6306801552769** 

Option 2 ID : **6306801552766**Option 3 ID : **6306801552768** 

Option 4 ID: 6306801552767 Status: Answered

Chosen Option: 4

Q.27 Which of the following ingredients of cement is responsible for the colour?

Ans

X 1. Silica

✓ 2. Iron Oxide

X 3. Calcium Sulphate

X 4. Lime

Question ID: 630680398118

Option 1 ID: **6306801552482** Option 2 ID: **6306801552483** Option 3 ID: **6306801552484** 

Option 4 ID : **6306801552485** Status : **Answered** 





Q.28 The working of hydraulic jack is based on:

Ans

X 1. Simon's rule

× 2. Archimedes' principle

✓ 3. Pascal's law

★ 4. Bernoulli's principle

Question ID: 630680398177 Option 1 ID: 6306801552721 Option 2 ID: 6306801552719

Option 3 ID : **6306801552718** Option 4 ID : **6306801552720** Status : **Answered** 

Chosen Option : 3

Q.29 Which of the following statements is/are incorrect about the Assumptions of Limit State of Collapse in Compression?
Statements:

i. The maximum compressive strain in concrete in axial compression is taken as 0.0035.

 The maximum strain in concrete at the outermost compression fiber is taken as 0.002, subjected to bending compression.

iii. Plane sections normal to the axis remain plane after bending.

Ans

✓ 1. Both (i) and (ii)

★ 2. Only (iii)

X 3. Both (i) and (iii)

★ 4 Both (ii) and (iii)

Question ID: 630680398160

Option 1 ID: 6306801552653 Option 2 ID: 6306801552650

Option 3 ID : 6306801552652

Option 4 ID : 6306801552651

Status : Answered



Q.30 Which of the following does represent the correct sketch of the deflected shape of a fixed beam loaded with uniformly distributed load on whole span?

Ans









Question ID: 630680398151

Option 2 ID: 6306801552617

Chosen Option: 3

Q.31 What is/are standard method of disposal of municipal solid waste?

- 1. Incineration
- 2. Pulverization
- Barging out into sea
- Composting

Choose the correct option.

Ans

- X 1. Only 4
- × 2. 1 and 2 only
- ✓ 3. All 1, 2, 3, and 4
- X 4. 2 and 4 only

Option 1 ID: 6306801552616

Option 3 ID: 6306801552615 Option 4 ID: 6306801552614 Status: Answered

Question ID: 630680398147 Option 1 ID: 6306801552601

Option 2 ID: 6306801552598 Option 3 ID: 6306801552600

Option 4 ID: 6306801552599

Status: Answered





Q.32 What should be the activity ratio for inactive clays?

Ans X 1. 0.90 - 1.25

× 2. 0.30 - 0.85

**X** 3. <1.50

**√** 4. <0.75

Question ID : **630680398174** Option 1 ID : **6306801552709** Option 2 ID : **6306801552708** 

Option 3 ID : **6306801552706** Option 4 ID : **6306801552707** Status : **Answered** 

Chosen Option: 4

Q.33 Which of the following IRC Code is referred for the guidelines for the Road Signs?

Ans X 1. IRC: 37

× 2. IRC: 56

X 3. IRC: 35

Question ID: 630680398142 Option 1 ID: 6306801552579

Option 2 ID : **6306801552578** 

Option 3 ID : **6306801552581** Option 4 ID : **6306801552580** 

Status: Answered

Chosen Option: 1

Q.34 Which is characterized as type-I settling in wastewater treatment?

Ans X 1. Flocculent Particles

× 2. Hindered or Zone settling

★ 4. Compression

Question ID: 630680398185

Option 1 ID: 6306801552753

Option 2 ID: 6306801552750

Option 3 ID: **6306801552751** 

Option 4 ID: 6306801552752

Status : Answered





Q.35 Which is a merit of bull-headed rails?

Ans

- √ 1. These rails provide longer life to wooden sleepers.
- × 2. These rails require light maintenance cost.
- X 3. B.H. rails are of more strength and stiffness.
- A. B.H. rails require no additional cost of iron chairs.

Question ID : 630680398184 Option 1 ID : 6306801552747 Option 2 ID : 6306801552748 Option 3 ID : 6306801552749 Option 4 ID : 6306801552746

Status : **Answered** Chosen Option : **4** 

Q.36 Calculate the quantity of cement (in kg), for 1:2:4 (for 1 cu m quantity) proportion with stone chips.

Δns

- ★ 1. Cement = 236.7 Kg
- × 2. Cement = 326.4 Kg
- × 4. Cement = 441.84 Kg

Question ID: 630680398124 Option 1 ID: 6306801552506 Option 2 ID: 6306801552509 Option 3 ID: 6306801552508

Option 3 ID : **6306801552508** Option 4 ID : **6306801552507** Status : **Answered** 

Chosen Option: 3

Q.37 Choose the correct name of the type of plume shown in the figure related to air pollution?



Ans

- X 1. Conning plume
- ✓ 2. Fanning plume
- X 3. Neutral plume
- X 4. Looping plume

Question ID: 630680398149

Option 1 ID: **6306801552606** Option 2 ID: **6306801552607** Option 3 ID: **6306801552608** 

Option 4 ID: **6306801552609** Status: **Answered** 





Q.38 As per general rules for Macaulay's method of calculating deflection of beams, origin should be taken at

Ans

- 1. left-hand side of the beam.
- × 2. top centre-end of the beam.
- 3. right-hand side of the beam.
- 4. bottom centre-end of the beam.

Question ID : 630680398190 Option 1 ID : 6306801552773 Option 2 ID : 6306801552770 Option 3 ID : 6306801552772 Option 4 ID : 6306801552771

Status : **Answered** Chosen Option : **1** 

Q.39 Which is the physical property of fluid expressed as the reciprocal of mass density?

Ans

- ★ 1 Weight density
- ✓ 2. Specific volume
- ★ 3. Specific gravity
- X 4. Specific weight

Question ID : 630680398176 Option 1 ID : 6306801552714 Option 2 ID : 6306801552716 Option 3 ID : 6306801552717 Option 4 ID : 6306801552715

Status: Answered

Chosen Option : 2

Q.40 The Bricks are crystallized and disintegrated by the presence of \_\_\_\_\_\_ ingredients in brick earth.

Ans

- X 1. Lime
- × 2. Alkalies
- × 4. Pebbles

Question ID: 630680398117

Option 1 ID: 6306801552478 Option 2 ID: 6306801552480 Option 3 ID: 6306801552481 Option 4 ID: 6306801552479

Status : **Answered** 





Q.41 Which is the grade of OPC usually not recommended where M20 and above is required?

Ans X 1. Grade 43

X 2. Grade 23

X 3. Grade 53

Question ID: 630680398193

Option 1 ID: **6306801552784** Option 2 ID: **6306801552782** 

Option 3 ID : **6306801552785** 

Option 4 ID: 6306801552783

Status : **Answered** 

Chosen Option: 2

Q.42 Identify the diameter of one of the soils separate i.e., sand?

Ans X 1. 80 - 300 mm

× 2. < 0.002 mm

**✓** 3. 0.002 - 0.075 mm

× 4. 4.75 - 80 mm

Question ID : 630680398172

Option 1 ID: **6306801552701** Option 2 ID: **6306801552698** 

Option 3 ID : **6306801552699** 

Option 4 ID : **6306801552700** 

Status : Answered

Chosen Option: 3

Q.43 What will be the required discharge capacity at the outlet to irrigate the crop if the kor depth is 259.2 mm, kor period is 30 days and the area of crop field is 2400 hectares?

Ans

 $\times$  1. 3.6 m<sup>3</sup>/sec

 $\times$  2. 2.8 m<sup>3</sup>/sec

× 3. 6.73 m<sup>3</sup>/sec

✓ 4. 2.4 m<sup>3</sup>/sec

Question ID: 630680398140

Option 1 ID: 6306801552571

Option 2 ID: **6306801552572** 

Option 3 ID : **6306801552573** 

Option 4 ID: 6306801552570

Status: Answered





Q.44 To calculate the approximate quantity of Brickbats in cu m which of the following Empirical equations for materials and manpower would be used?

Where 'A' represents the plinth area of a building in sq. m.

Ans

✓ 1. Brickbats in cu m = (0.113A - 0.83)

 $\times$  2. Brickbats in cu m = (226A + 6680)

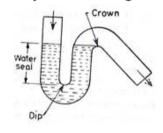
 $\times$  3. Brickbats in cu m = (0.0893A + 0.06)

 $\times$  4. Brickbats in cu m = (0.145A + 1.5)

Question ID: 630680398123 Option 1 ID: 6306801552503 Option 2 ID: 6306801552502 Option 3 ID: 6306801552505 Option 4 ID: 6306801552504

Status : **Answered** Chosen Option : **4** 

Q.45 Study the following sketch and choose the correct name of the trap.



Ans

√ 1. Q-trap

× 2. P-trap

🗙 3. S-trap

🗙 4. R-trap

Question ID : 630680398146

Option 1 ID: 6306801552595 Option 2 ID: 6306801552597 Option 3 ID: 6306801552594

Option 4 ID: **6306801552596** Status: **Answered** 





Q.46 Which of the following statements is/are correct or incorrect about the atmospheric pressure? Statements:

- i) The atmospheric pressure at sea level at 15°C is 101.3 kN/m<sup>2</sup>.
- ii) The atmospheric pressure head is 760 mm of mercury.

Ans X 1. Statement (i) is incorrect and Statement (ii) is correct

✓ 2. Both Statements (i) & (ii) are correct

3 Both Statements (i) & (ii) are incorrect

★ 4. Statement (i) is correct and Statement (ii) is incorrect

Question ID: 630680398134 Option 1 ID: 6306801552547 Option 2 ID: 6306801552549 Option 3 ID: 6306801552548 Option 4 ID: 6306801552546 Status: Answered

Chosen Option: 1

**Q.47** Which group of timber are most commonly available in quantity 1415 m<sup>3</sup> or more per year according to IS: 339-1963?

Ans

X 1. Q

**√** 2. **X** 

X 3. Y

X 4. Z

Question ID: 630680398164 Option 1 ID: 6306801552666 Option 2 ID: 6306801552667 Option 3 ID: 6306801552668 Option 4 ID: 6306801552669

Status : Not Answered

Chosen Option : --

Q.48 What should be the calculated safe stopping sight distance value on rural highways for 25 kmph?

Ans

X 1. 18 m

√ 2. 24 m

X 3. 45 m

X 4. 30 m

Question ID : 630680398182

Option 1 ID: 6306801552738 Option 2 ID: 6306801552739 Option 3 ID: 6306801552741 Option 4 ID: 6306801552740

Status : **Answered** 





Q.49 Which of the following statements is/are correct or incorrect about the Heads and Efficiencies of a Centrifugal Pump?

- The vertical distance between the center line of the pump and the water surface in the tank to which water is delivered is known as the delivery head.
- The ratio of the manometric head to the head imparted by the impeller to the water is known as manometric
  efficiency.

Ans X 1. Statement (i) is incorrect and Statement (ii) is correct

✓ 2. Both Statements (i) & (ii) are correct

3. Both Statements (i) & (ii) are incorrect

× 4. Statement (i) is correct and Statement (ii) is incorrect

Question ID: 630680398137 Option 1 ID: 6306801552559 Option 2 ID: 6306801552561 Option 3 ID: 6306801552560 Option 4 ID: 6306801552558

Status: Answered

Chosen Option : 2

Q.50 What are the recommended safe limits of land slope for efficient irrigation for sandy soils?

Ans X 1. 0.40 to 0.85 %

X 2. 0.05 to 0.25 %

× 4 0.20 to 0.40 %

Question ID: 630680398181

Option 1 ID : **6306801552737** Option 2 ID : **6306801552734** 

Option 3 ID : **6306801552736** Option 4 ID : **6306801552735** 

Status : **Answered** 



Q.51 What will be the maximum area of tension reinforcement permitted by IS 456: 2000 for the given (in figure) rectangular singly reinforced RCC beam, if the reinforcement steel grade is Fe500?



Ans

✓ 1. 1800 mm<sup>2</sup>

× 2. 1920 mm<sup>2</sup>

**×** 3. 2040 mm<sup>2</sup>

× 4. 2100 mm<sup>2</sup>

Question ID: 630680398161

Option 1 ID: 6306801552654 Option 2 ID: 6306801552656 Option 3 ID: 6306801552655

Option 4 ID: **6306801552657** Status: **Answered** 

Chosen Option: 3

**Q.52** What allowance for each side of trench shall be added to the specified width in case of excavation trenches for foundations for depth exceeding 1 m?

Ans

X 1 25 mm/m

× 2. 15 mm/m

X 3. 40 mm/m

√ 4. 50 mm/m

Question ID: 630680398168

Option 1 ID: 6306801552683

Option 2 ID : **6306801552682** 

Option 3 ID: 6306801552684

Option 4 ID: 6306801552685

Status: Answered



Q.53 Identify one of the cohesive index property of soils?

Ans

- ✓ 1. Sensitivity
- X 2. Clay content
- X 3. Shape of particles
- X 4. In-place density

Question ID: 630680398173 Option 1 ID: 6306801552704 Option 2 ID: 6306801552703 Option 3 ID: 6306801552702 Option 4 ID: 6306801552705

Status: Answered

Chosen Option : 1

**Q.54** If "P" is the corner load assumed as a concentrated point load in kg, h is the thickness of slab in cm and  $S_c$  is stress due to corner load in kg/cm<sup>2</sup> then Goldbeck's formula for calculating the stress due to corner load is given by \_\_\_\_\_.

Ans

$$\times 1. S_c = \frac{P}{3h^2}$$

$$\times$$
 2.  $S_c = \frac{3P}{h^3}$ 

$$\checkmark$$
 3.  $S_c = \frac{3P}{h^2}$ 

$$\times$$
 4.  $S_c = \frac{P}{h^2}$ 



Question ID: 630680398143
Option 1 ID: 6306801552584
Option 2 ID: 6306801552585
Option 3 ID: 6306801552582
Option 4 ID: 6306801552583
Status: Answered





**Q.55** Which of the following statement(s) is/are correct or incorrect about the Internal Focusing telescope? Statements:

To increase the diameter of the objective lens and in order to reduce the aberrations of the system, Internal
focusing gives the optical designer an extra lens to work with.

ii. The interior of the telescope is easily accessible for field cleaning and repairs.

Ans

★ 1. Statement (i) is incorrect and Statement (ii) is correct

X 3. Both Statements (i) & (ii) are correct

X 4. Both Statements (i) & (ii) are incorrect

Question ID: 630680398126 Option 1 ID: 6306801552515 Option 2 ID: 6306801552514 Option 3 ID: 6306801552517 Option 4 ID: 6306801552516 Status: Answered

Chosen Option: 2

Q.56 According to IS:1200 (Part II) – 1974, the unit of measurement in MKS for Cavity Wall is:

Ans

X 1. Running Meter

× 2. Numbers

X 4. Cubic Meter

Question ID: 630680398121 Option 1 ID: 6306801552495 Option 2 ID: 6306801552497 Option 3 ID: 6306801552494 Option 4 ID: 6306801552496

Status : Answered

Chosen Option: 3

Q.57 Which of the following statements is/are correct related to the Rankine's Earth Pressure Theory assumptions?

Statements:

i. The soil mass is semi-infinite.

ii. The soil is cohesive.

iii. The soil element is in a state of plastic equilibrium.

Ans

X 1. Only (iii)

✓ 2. Both (i) and (iii)

X 3. Only (ii)

X 4. Both (ii) and (iii)

Question ID : 630680398132

Option 1 ID: 6306801552539 Option 2 ID: 6306801552541 Option 3 ID: 6306801552538

Option 4 ID: **6306801552540** Status: **Answered** 



- Q.58 Which of the following statements is/are correct or incorrect about the Surveyor's & Prismatic Compass?

  Statements:
  - In Prismatic Compass, the graduated card ring is attached with the needle. The ring does not rotate along with the line of sight.
  - In Surveyor's Compass, Sighting and reading taking cannot be done simultaneously from one position of the observer.

Ans X 1. Statement (i) is incorrect and Statement (ii) is correct

- × 2. Statement (i) is correct and Statement (ii) is incorrect
- × 4 Both Statements (i) & (ii) are incorrect

Question ID: 630680398128 Option 1 ID: 6306801552523 Option 2 ID: 6306801552522 Option 3 ID: 6306801552525 Option 4 ID: 6306801552524

Status : **Answered** 

Chosen Option: 3

Q.59 What is the area of a pipeline which carries 125 m<sup>3</sup>/s of water with a velocity of 0.50 m/s?

Ans

$$\times$$
 2. 62.5 m<sup>2</sup>

**Q.60** What is the correct relation between the Loss of head at the entrance of a pipe  $(h_i)$  and Loss of head at the exit of pipe  $(h_o)$ ?

Ans

$$\times$$
 1.  $h_i = 1.25 h_o$ 

$$\times$$
 2.  $h_i = 1.5 h_o$ 

$$\times$$
 3.  $h_i = h_o$ 

$$\checkmark$$
 4.  $h_i = 0.5 h_0$ 

Question ID: 630680398135 Option 1 ID: 6306801552552 Option 2 ID: 6306801552553 Option 3 ID: 6306801552551 Option 4 ID: 6306801552550

Status: Answered





Q.61 Identify the force in gravity dam that causes stability?

Ans

✓ 1. Horizontal thrust of tail water.

× 2. Silt pressure

X 3. Uplift pressure

★ 4. Water pressure from reservoir.

Question ID: 630680398188 Option 1 ID: 6306801552765 Option 2 ID: 6306801552762 Option 3 ID: 6306801552763

Option 4 ID : **6306801552764**Status : **Answered** 

Chosen Option: 1

Q.62 The preferably recommended maximum shear stress in concrete section for M20 grade is:

Ans

X 1. 3.1

√ 2. 2.8

**X** 3. 3.7

**X** 4. 3.5

Question ID : **630680398196** Option 1 ID : **6306801552795** 

Option 2 ID: **6306801552794**Option 3 ID: **6306801552797**Option 4 ID: **6306801552796** 

Status: Answered

Chosen Option: 2

Q.63 What is the minimum pre-hardening period at 10 °C for M20 Grade of concrete made with OPC?

Ans

X 1. 38 hours

× 2. 42 hours

X 3. 33 hours

Question ID : 630680398191

Option 1 ID: **6306801552775** Option 2 ID: **6306801552776** Option 3 ID: **6306801552774** 

Option 4 ID: 6306801552777

Status: Answered





Q.64 To which of the following, the "Buhler process and Nusoil process" are related?

Ans

- ★ 1. Bargeing into the sea
- ✓ 2. Mechanical composting of solid waste
- ★ 3. Sanitary land filling
- Incineration of solid waste

Question ID: 630680398148
Option 1 ID: 6306801552603
Option 2 ID: 6306801552605
Option 3 ID: 6306801552602
Option 4 ID: 6306801552604
Status: Answered

Chosen Option: 4

Q.65 Choose the correct name of the process of applying chlorine to the water before filtration or before sedimentation-coagulation.

Ans

- ★ 1. Super chlorination
- × 2. Plain chlorination
- ✗ 3. Break-point chlorination
- ✓ 4. Pre-chlorination

Question ID: 630680398145
Option 1 ID: 6306801552590
Option 2 ID: 6306801552591
Option 3 ID: 6306801552592
Option 4 ID: 6306801552593
Status: Answered

Chosen Option : 4

Q.66 Which is the assumption for Terzaghi's bearing capacity theory?

Ans

- ✓ 1. The problem is two-dimensional.
- X 2. The load is vertical and non-symmetrical.
- X 3. The soil is infinite and homogenous.
- ★ 4. The ground surface is vertical.

Question ID : **630680398175** 

Option 1 ID : **6306801552713** Option 2 ID : **6306801552712** Option 3 ID : **6306801552710** 

Option 4 ID: **6306801552711**Status: **Answered** 





Q.67 What will be the effective length of intermediate transverse stiffeners used in calculating the buckling resistance,  $F_{qd}$ , when "L" is the length of the stiffener?

Ans X 1. 1.5 L

X 2. 1.0 L

X 4. 0.5 L

Question ID : 630680398159 Option 1 ID : 6306801552649 Option 2 ID : 6306801552648 Option 3 ID : 6306801552646 Option 4 ID : 6306801552647

Status : Answered

Chosen Option: 4

Q.68 What will be the critical velocity (m/sec) of the channel by using Kennedy's theory, if the depth of flow in an irrigation channel is 2m and the value of the critical velocity ratio is 1.1?

Ans

$$\times$$
 1. 2.2 × (1.1)<sup>0.64</sup>

$$\times$$
 2.  $0.11 \times (2)^{0.32}$ 

$$\times$$
 3.  $2.2 \times (1.1)^{0.32}$ 

Question ID: 630680398139 Option 1 ID: 6306801552566 Option 2 ID: 6306801552569 Option 3 ID: 6306801552567 Option 4 ID: 6306801552568

Status : Answered Chosen Option : 4

Q.69 Which method of irrigation is mostly useful for the fruits crops however some land is occupied under bunds, irrigation channels etc?

Ans

- X 1. Deep furrow method
- × 2. Corrugation method
- × 4. Border strip method

Question ID: 630680398180

Option 1 ID : **6306801552732** Option 2 ID : **6306801552733** 

Option 3 ID: **6306801552730**Option 4 ID: **6306801552731**Status: **Answered** 

Otatao : All





Q.70 The variety of chain available in lengths of 5, 10, 20 and 30 meters is termed as:

Ans

- X 1. Band chain
- X 2. Revenue chains
- X 3. Engineer's chain
- 4. Metric chains

Question ID: 630680398169 Option 1 ID: 6306801552689 Option 2 ID: 6306801552688 Option 3 ID: 6306801552686 Option 4 ID: 6306801552687

Status: Answered

Chosen Option: 4

Q.71 What will be the effective length for cantilever of length L, at continuous support with lateral restraint to top flange, that to under destabilizing loading conditions?

Ans

- X 1. 6.2 L
- √ 2. 7.5 L
- X 3. 3.0 L
- X 4. 5.0 L

Question ID: 630680398194 Option 1 ID: 6306801552787 Option 2 ID: 6306801552789 Option 3 ID: 6306801552786 Option 4 ID: 6306801552788

Status: **Not Answered** Chosen Option: --

Q.72 Consider the following statements related to continuous beam and choose the correct option from the following.

- 1. Continuous beam is a statically determinate beam and can be analysed by equations of static equilibrium alone.
- 2. Continuous beam cannot be analysed by the Moment distribution method.
- Clapeyron's theorem for continuous beams is a relationship among three support moments of two consecutive spans of the beam.

Ans

- ★ 1. All three statements are false.
- × 2. All three statements are true.
- X 4. Statement 1 is true while statements 2 and 3 are false.

Question ID : 630680398152

Option 1 ID : **6306801552621** Option 2 ID : **6306801552619** 

Option 3 ID : **6306801552618** Option 4 ID : **6306801552620** 

Status: Answered





Q.73 Which of the following statement(s) is/are correct or incorrect related to the Compressibility & Bulk Modulus? Statements:

i. Compressibility is the reciprocal of the bulk modulus of elasticity.

ii. Compressibility is directly proportional to the Bulk Modulus.

Ans

- ✓ 1. Statement (i) is correct and Statement (ii) is incorrect
- 2. Both Statements (i) & (ii) are incorrect
- ★ 3. Statement (i) is incorrect and Statement (ii) is correct

★ 4. Both Statements (i) & (ii) are correct

Question ID: 630680398133
Option 1 ID: 6306801552542
Option 2 ID: 6306801552544
Option 3 ID: 6306801552543
Option 4 ID: 6306801552545
Status: Answered

Chosen Option: 1

Q.74 Which system of tile drainage is adopted in land that slopes from both sides and the line in between is in depression?

Ans

- ★ 1. Double main system
- X 2. Grid iron system
- ★ 3. Intercepting system
- ✓ 4. Herringbone system

Question ID: 630680398187 Option 1 ID: 6306801552758 Option 2 ID: 6306801552760 Option 3 ID: 6306801552761

Option 4 ID: **6306801552759**Status: **Answered** 

Chosen Option: 4

Q.75 Identify the percentage passing for all in aggregate of 20 mm nominal size for 40 mm IS sieve designation?

Ans

√ 1. 100 mm

× 2. 30-50 mm

X 3. 80-95 mm

X 4. 10-25 mm

Question ID: 630680398166 Option 1 ID: 6306801552674

Option 2 ID: **6306801552676** Option 3 ID: **6306801552675** Option 4 ID: **6306801552677** 

Status: Answered





Q.76 What will be the degree of workability if the compacting factor of 20mm and maximum size of aggregate is 0.9?

Ans

X 1. Stiff

× 2. High

X 3. Stiff Plastic

4. Plastic

Question ID: 630680398156 Option 1 ID: 6306801552637 Option 2 ID: 6306801552634 Option 3 ID: 6306801552635 Option 4 ID: 6306801552636

Status : Answered

Chosen Option: 2

Q.77 The distance PQ on the ground as measured on a plan drawn to a scale of 1 cm = 50m was found to be 800 m. Later it was detected that the surveyor wrongly used a scale of 1 cm = 40 m in the calculations. Determine the true length of the line PQ.

Ans

X 1 725 m

✓ 2. 1000 m

X 3. 625 m

X 4. 800 m

Question ID : **630680398125** Option 1 ID : **6306801552510** 

Option 2 ID : **6306801552513** Option 3 ID : **6306801552512** Option 4 ID : **6306801552511** 

Status: Answered

Chosen Option: 2

Q.78 Identify the stone surface finish obtained by the dressing of stones given in the figure.



Ans

✓ 1. Hammer-dressed finish

× 2. Reticulated finish

X 3. Boasted or droved finish

A Dragged or combed finish

Question ID: 630680398120

Option 1 ID: **6306801552490**Option 2 ID: **6306801552493**Option 3 ID: **6306801552492** 

Option 4 ID : **6306801552491**Status : **Answered** 



Q.79 What will be the correct range of Coefficient of permeability (mm/sec) if the soil type is Dense silt?

Ans

$$\times$$
 1. 10<sup>-8</sup> to 10<sup>-6</sup>

$$\checkmark$$
 2.  $10^{-5}$  to  $10^{-4}$ 

$$\times$$
 3. 10<sup>-2</sup> to 10<sup>+1</sup>

$$\times$$
 4. 10<sup>+5</sup> to 10<sup>+6</sup>

Question ID: 630680398131

Option 1 ID: 6306801552535 Option 2 ID: 6306801552534 Option 3 ID: 6306801552537 Option 4 ID: 6306801552536

Status : Answered

Chosen Option: 2

Q.80 In a Homogeneous dam, the phreatic line is .

Ans

X 1. Elliptical

× 2. Hyperbolic

✓ 3. Basic Parabolic

X 4. Circular

Question ID : **630680398130** Option 1 ID : **6306801552532** Option 2 ID : **6306801552530** 

Option 3 ID : **6306801552533** Option 4 ID : **6306801552531** 

Status: Answered

Chosen Option: 3

Section: Reasoning

Q.1 A man pointing to a woman in a photograph says that, "She is the mother of my brother". How is that woman related to that man?

Ans

X 2. Daughter

X 3. Sister

X 4. Wife

Question ID: 630680398204

Option 1 ID: 6306801552827

Option 2 ID : **6306801552828** Option 3 ID : **6306801552826** 

Option 4 ID : **6306801552829** 

Status : Answered





Q.2 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All H are B.

II. Some N are H.

III. Some S are H.

Conclusions:

I. All S are B.

II. All N are S.

III. All N are B.

Ans

X 1. Only conclusion III follows

X 2. Only conclusion II follows

X 3. Only conclusion I follows

✓ 4. Neither of the given conclusion follows

Question ID: 630680398203 Option 1 ID: 6306801552824 Option 2 ID: 6306801552823 Option 3 ID: 6306801552822

Option 4 ID : **6306801552825** Status : **Answered** 

Chosen Option: 4

Q.3 In this question TWO statements are given. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusion, if any, follows from the given statement.

Statements:

(A) Some tables are chairs.

(B) Some chairs are fans.

Conclusions:

I. Some tables are fans.

II. No table is fan.

Ans

✓ 1. Either conclusion I or II follows

2. Only conclusion I follows

X 3. Neither conclusion I nor II follows

X 4. Only conclusion II follows

Question ID: 630680398198 Option 1 ID: 6306801552805 Option 2 ID: 6306801552802 Option 3 ID: 6306801552804 Option 4 ID: 6306801552803

Status : Answered





Q.4 In the following question, select the missing number from the given series. 13, 0, 21, -8, 29, ?

Ans

**X** 1. 0

**X** 2. −12

**√** 3. −16

**X** 4. −5

Question ID: 630680398205 Option 1 ID: 6306801552830 Option 2 ID: 6306801552832 Option 3 ID: 6306801552833 Option 4 ID: 6306801552831

Status: Answered

Chosen Option: 3

J, K, L, M, N, O and P are sitting on a wall facing North. O is immediate left of K. O is fourth from the left end. L is on endpoint and P is his neighbour. Only M is sitting between K and N. Who is immediately right side of J?

Ans

**X** 1. M

X 2. K

√ 3. O

X 4. P

Question ID: 630680398197

Option 1 ID: 6306801552798 Option 2 ID: 6306801552801 Option 3 ID: 6306801552800 Option 4 ID: 6306801552799

Status: Answered

Chosen Option: 3

Q.6 The given series is a letter cluster series with one term missing. Choose the correct option in place of the question mark and complete the series.

SAW, VDZ, YGC, BJF, EMI, ?

X 1. GPL

✓ 2. HPL

X 3. GNJ

X 4. HNJ

Question ID: 630680398199

Option 1 ID: 6306801552808 Option 2 ID: 6306801552809 Option 3 ID: 6306801552806

Option 4 ID: 6306801552807 Status : Answered





**Q.7** If '+' means 'division', '-' means 'addition', '\*' means 'subtraction' and '+' means 'multiplication', what will be the value of the following expression?

 $78 - 34 \div 11 \times 221 + 17 = ?$ 

Ans

X 1. 329

**2.** 439

**X** 3. 229

**X** 4. 549

Question ID: 630680398202

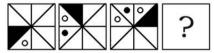
Option 1 ID : **6306801552819** Option 2 ID : **6306801552820** 

Option 3 ID : **6306801552818** Option 4 ID : **6306801552821** 

Status: Answered

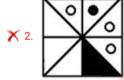
Chosen Option : 2

Q.8 Select the figure from among the given options that can replace the question mark (?) in the following series.

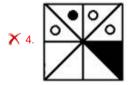


Ans











Question ID: 630680398201 Option 1 ID: 6306801552816 Option 2 ID: 6306801552817 Option 3 ID: 6306801552815 Option 4 ID: 6306801552814

Status : **Answered** 





**Q.9** In a certain code language, "ROCKET" is coded as "OIXVSG" and "DOMAIN" is coded as "EMRHSQ". How will "NOTICE" be coded in same language?

Ans

✓ 1. MGIRSX

× 2. RMGSXI

X 3. RSXMGI

X 4. MRSGIX

Question ID: 630680398200 Option 1 ID: 6306801552810 Option 2 ID: 6306801552813 Option 3 ID: 6306801552812 Option 4 ID: 6306801552811

Status: Answered

Chosen Option: 2

Q.10 In the following question, select the missing number from the given series. 205, 194, 182, 169, 155, ?

Ans

**X** 1. 138

X 2. 141

**3**. 140

**X** 4. 139

Question ID: 630680398206 Option 1 ID: 6306801552834

Option 2 ID: **6306801552836**Option 3 ID: **6306801552837**Option 4 ID: **6306801552835** 

Status : Answered

Chosen Option: 3

Section: Quantitative Aptitude

Q.1 The ratio of three numbers is 5:3:1 and the sum of their squares is 1260. The difference between the highest and smallest value is:

Ans

X 1. 22

√ 2. 24

**X** 3. 25

X 4. 23

Question ID: 630680398210

Option 1 ID : **6306801552850** Option 2 ID : **6306801552852** Option 3 ID : **6306801552853** 

Option 4 ID: **6306801552851**Status: **Answered** 





**Q.2** At what rate of compound interest per annum will a sum of ₹2300 becomes ₹2420 in one year. ( Round off value)

Ans

X 1. 4%

X 2. 2%

**√** 3. 5%

X 4. 3%

Question ID : Option 1 ID : Option 2 ID : Option 3 ID :

Option 4 ID: **6306801552855** Status: **Answered** 

Chosen Option: 3

Q.3 Sum of Rs. 60000 is divided among P, Q and R in the ratio of 8:5:2 respectively. If each of them has received Rs. 200 less, then what will be the ratio of the amount received by Q and R respectively?

Ans

**1**. 33 : 13

**X** 2. 35 : 6

X 3.35:36

**X** 4. 33 : 10

Question ID: 630680398215

Option 1 ID : **6306801552870** Option 2 ID : **6306801552873** 

Option 3 ID: 6306801552871

Option 4 ID: **6306801552872** Status: **Answered** 

Chosen Option: 1

Q.4 Amit buys 6 tables and 12 chairs for Rs. 3000. He sells chairs at a profit of 20 percent and tables at loss of 20 percent. If his overall profit is Rs. 300, then what is the sum of the cost price of one table and one chair?

Ans

√ 1. Rs. 312.5

X 2. Rs. 625

X 3. Rs. 425.5

X 4. Rs. 550.5

Question ID: 630680398214

Option 1 ID: 6306801552869

Option 2 ID: 6306801552866

Option 3 ID: 6306801552868

Option 4 ID: 6306801552867

Status: Answered



Q.5 A cone is kept on a cylinder. The base of cone and cylinder are identical. The height of the conical part is 24 cm and height of the cylindrical part is 18 cm. If the diameter of the cone is 56 cm, then what is the volume of the solid?

Ans

- X 1. 64645 cm<sup>3</sup>
- × 2. 75050 cm<sup>3</sup>

X 3. 65605 cm<sup>3</sup>

√ 4. 64064 cm<sup>3</sup>

Question ID: 630680398216 Option 1 ID: 6306801552874 Option 2 ID: 6306801552877 Option 3 ID: 6306801552875 Option 4 ID: 6306801552876

Status: Answered

Chosen Option: 4

The value of  $\frac{1}{5}$   $+\frac{1}{5\times 6}$   $+\frac{1}{5\times 6\times 7}$  is:

Ans

- 🗙 1.  $\frac{13}{11}$
- X 2. 13
- X 3.  $\frac{13}{21}$
- √ 4. 
  <sup>5</sup>/<sub>21</sub>

Question ID: 630680398207

Option 1 ID: **6306801552839** Option 2 ID: **6306801552840** 

Option 3 ID: 6306801552838

Option 4 ID: 6306801552841

Status : Answered
Chosen Option : 4

Q.7 The average weight of 12 employees in an organization is 61kgs. If the HR weight is added then the average weight increases by 2kgs. Find the weight of HR in kgs.

Ans

- X 1. 89
- **√** 2. **87**
- X 3. 86
- **X** 4. 88

Question ID: 630680398208

Option 1 ID: 6306801552845

Option 2 ID: 6306801552843

Option 3 ID: 6306801552842

Option 4 ID : **6306801552844** 

Status: Answered





If 
$$\frac{1}{6} + \frac{1}{12} + \frac{1}{A} = \frac{1}{2}$$
, then what is the value of A?

Ans

**v** 1. 4

**X** 2. 1/2

**X** 3. 2

**X** 4. 1/4

Question ID: 630680398212

Option 1 ID: 6306801552861 Option 2 ID: 6306801552859 Option 3 ID: 6306801552860 Option 4 ID: 6306801552858

Status: Answered

Chosen Option: 1

Q.9 Price of 4 kg of brinjal is increased by 44 percent and the increase is of Rs. 176. What is the new price of the brinjal per kg?

Ans

X 1. Rs. 444

X 2. Rs. 100

X 4. Rs. 176

Question ID: 630680398213

Option 1 ID: 6306801552862 Option 2 ID: 6306801552863 Option 3 ID: 6306801552864

Option 4 ID: 6306801552865 Status: Answered

Chosen Option: 3

Q.10 Due to reduction of 5% in the price of oil, Rama is able to buy 1kg more for Rs ₹80. Find the original and reduced rate of oil(in ₹).

Ans

**X** 1. 4.8, 3.99

× 2. 4.8, 3.65

**X** 3. 4.2, 3.65

4. 4.2, 3.99

Question ID: 630680398209

Option 1 ID: 6306801552848 Option 2 ID: 6306801552847

Option 3 ID: 6306801552849

Option 4 ID: 6306801552846 Status: Answered

Chosen Option: 4

Section: General Awareness





Q.1 Which of the following rivers discharge their waters in the Arabian Sea.

a)The Indus

b)The Narmada

c)The Krishna d)The Mahi

Ans

X 1. (b),(c) and (d)

X 2. (a), (b) and (c)

X 3.(a),(c) and(d)

4. (a),(b) and (d)

Question ID: 630680398220 Option 1 ID: 6306801552890 Option 2 ID: 6306801552891 Option 3 ID: 6306801552892 Option 4 ID: 6306801552893

Status : **Answered** 

Chosen Option: 4

Q.2 Which of the following Fundamental Duty is mentioned in Article 51A (g) of the Indian Constitution?

Ans X 1. To safeguard public property

2. To protect the natural environment

X 3. To develop the scientific temper

X 4. To abjure violence

Question ID: 630680398226 Option 1 ID: 6306801552916 Option 2 ID: 6306801552914 Option 3 ID: 6306801552915 Option 4 ID: 6306801552917

Status : Answered Chosen Option : 4

Q.3 Which Article in Indian constitution states that there shall be a Parliament for the Union which shall consist of the President and two Houses to be known respectively as the Council of States and the House of the People?

Ans

✓ 1. Article 79

X 2. Article 68

X 3. Article 78

X 4. Article 69

Question ID: 630680398221

Option 1 ID: **6306801552895** Option 2 ID: **6306801552896** Option 3 ID: **6306801552894** 

Option 4 ID: 6306801552897

Status: Answered





Q.4 Which of the following articles of the Indian Constitution is related with, to assemble peacefully and without arms?

**Ans** X 1. Article 19(1) (d)

× 2. Article 19(1) (a)

3. Article 19(1) (b)

X 4. Article 19(1) (c)

Question ID: 630680398225 Option 1 ID: 6306801552913 Option 2 ID: 6306801552910 Option 3 ID: 6306801552911 Option 4 ID: 6306801552912 Status: Not Answered

Chosen Option: --

Q.5 Which dynasty in South India made a successful use of their navy and conquered not only Maldive and Lakshdweep Islands but also Sri Lanka?

Ans X 1. Pallava Dynasty

🗙 2. Pandya Dynasty

3. Chola Dynasty

X 4. Chalukya Dynasty

Question ID: 630680398218 Option 1 ID: 6306801552884 Option 2 ID: 6306801552882 Option 3 ID: 6306801552883 Option 4 ID: 6306801552885

Status : **Answered** 

Chosen Option: 3

Q.6 \_\_\_\_\_ is the Chairman of ISRO as of July2023.

Ans X 1. K. Radhakrishnan

2. S.Somanath

🔀 3. K. Sivan

\chi 4. S. Nayak

Question ID: 630680398217

Option 1 ID: **6306801552879** Option 2 ID: **6306801552878** 

Option 2 ib . 0300801332878

Option 3 ID: 6306801552880

Option 4 ID: 6306801552881

Status: Answered





Q.7 Which country won the SAFF football Championship 2023?

Ans

X 1. Kuwait

X 2. Bangladesh

3. India

X 4. Pakistan

Question ID: 630680398222 Option 1 ID: 6306801552898 Option 2 ID: 6306801552901

Option 3 ID : **6306801552899** Option 4 ID : **6306801552900** 

Status : Answered

Chosen Option: 3

Q.8 Who among the following leaders was one of the founders of the 'Oudh Kisan Sabha' in

Ans X 1

X 1. Bal Gangadhar Tilak

🥓 2. Jawaharlal Nehru

X 3. Bhagat Singh

X 4. Mahatma Gandhi

Question ID : 630680398223 Option 1 ID : 6306801552905 Option 2 ID : 6306801552902 Option 3 ID : 6306801552904

Option 4 ID : **6306801552903** Status : **Answered** 

Chosen Option: 1

Q.9 The Brahmaputra river marks the \_\_\_\_\_ boundary of the Himalayas.

Ans

X 1. western-most

X 2. southern-most

X 3. northern-most

√ 4. eastern-most

Question ID: 630680398219

Option 1 ID: **6306801552887** Option 2 ID: **6306801552888** 

Option 3 ID : **6306801552889** 

Option 4 ID: 6306801552886

Status : **Answered** 





Q.10 The National Legal Services Authority is the central authority and is headed by the \_\_\_\_\_ as its Patron-in-Chief.

Ans X 1. Attorney-General for India

X 2. Prime Minister of India

X 3. President of India

4. Chief Justice of India

Question ID : 630680398224 Option 1 ID : 6306801552906 Option 2 ID : 6306801552909 Option 3 ID : 6306801552908 Option 4 ID : 6306801552907

Status: Answered

Chosen Option: 4

Section: English Language

Q.1 Select the option that correctly infers the meaning of the given sentence.

In spite of her illness, Garima secured a distinction in her final examination.

Ans X 1. Garima was not ill during her final examination and she secured a distinction.

X 2. Garima secured a distinction in her final examination because she was ill.

3. Garima was ill during her final examination but she secured a distinction.

X 4. Garima was ill during her final examination so she secured a distinction.

Question ID: 630680398231 Option 1 ID: 6306801552937 Option 2 ID: 6306801552936 Option 3 ID: 6306801552934 Option 4 ID: 6306801552935

Status : Answered

Chosen Option : 3

Q.2 Select the option that correctly infers the meaning of the given sentence.

If Ravi had studied hard, he would have cleared the test.

Ans X 1. Ravi had studied well, yet he could not clear the test.

2. Ravi did not study well, so he failed in the test.

X 3. Ravi studied well, so he cleared the test.

X 4. Ravi did not study well, but he cleared the test.

Question ID : 630680398230

Option 1 ID: 6306801552930 Option 2 ID: 6306801552931 Option 3 ID: 6306801552932 Option 4 ID: 6306801552933

Status: Answered





Q.3 Choose the word that means the same as the given word. **Backward** X 1. Immodest Ans X 2. Convivial X 3. Urbane 4. Reverse Question ID: 630680398235 Option 1 ID: 6306801552952 Option 2 ID: 6306801552953 Option 3 ID: 6306801552950 Option 4 ID: 6306801552951 Status: Answered Chosen Option: 4 Q.4 Select the correct option to substitute the given set of words. There needs to be a situation in which the identity of a person is unknown in the scrutiny of entries to the competition. X 1. infinity × 2. infirmity X 3. ambiguity 4. anonymity Question ID: 630680398232 Option 1 ID: 6306801552941 Option 2 ID: 6306801552940 Option 3 ID: 6306801552938 Option 4 ID: 6306801552939 Status: Answered Chosen Option: 4 Q.5 A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative. I cannot make you understand the problems I \_ facing. Ans X 1. are X 2. were √ 3. am X 4. is Question ID: 630680398233 Option 1 ID: 6306801552945 Option 2 ID: 6306801552944 Option 3 ID: 6306801552943 Option 4 ID: 6306801552942 Status: Answered





Q.6 Choose the word that is opposite in meaning to the given word.

Apathetic

Ans

1. Zealous

X 2. Accidental

X 3. Indifferent

X 4. Wretched

Question ID: 630680398236 Option 1 ID: 6306801552955 Option 2 ID: 6306801552957 Option 3 ID: 6306801552954 Option 4 ID: 6306801552956

Status : **Answered** Chosen Option : **3** 

Q.7 Choose the most appropriate idiom for the underlined phrase in the given sentence. You have to come back soon before it <u>starts to rain heavily.</u>

Ans

✓ 1. Starts petting down

X 2. Smokes like a chimney

X 3. No spring chicken

X 4. Under the weather

Question ID: 630680398234 Option 1 ID: 6306801552946 Option 2 ID: 6306801552949 Option 3 ID: 6306801552947 Option 4 ID: 6306801552948

Status : **Answered** Chosen Option : **4** 

Q.8 Fill in the blank with the correct option to complete the sentence below.

They were taken aback when Rajiv screamed \_\_\_

Ans

X 1. adversely

X 2. carefully

3. excitedly

X 4. coolly

Question ID: **630680398227** 

Option 1 ID: **6306801552918** Option 2 ID: **6306801552921** 

Option 3 ID : **6306801552920** Option 4 ID : **6306801552919** 

Status : Answered





Q.9 Fill in the blank with the correct option to complete the sentence below.

Sheela prefers continental breakfast, \_\_\_\_\_ she loves Indian cuisine.

Ans

✓ 1. yet

X 2. so

X 3. and

**X** 4. for

Question ID: 630680398228

Option 1 ID: 6306801552923 Option 2 ID: 6306801552924 Option 3 ID: 6306801552922

Option 4 ID: **6306801552925** Status: **Answered** 

Chosen Option: 1

Q.10 Fill in the blank with the correct option to complete the sentence below.

He could not believe that he had \_\_\_\_\_ 18 years of service in the profession.

Ans

X 1. put on

X 2. put out

X 4. put off

Question ID: 630680398229

Option 1 ID: 6306801552926 Option 2 ID: 6306801552929 Option 3 ID: 6306801552928 Option 4 ID: 6306801552927

Status: Answered