UPPCL JE

Previous Year Paper Civil 22 June 2022 Shift 2





Uttar Pradesh Power Corporation Limited

Electricity Service Commission, Uttar Pradesh Power Corporation Ltd. S.L.D.C campus, near Mantri Awas, Vibhuti Khand Phase-2, Gomti Nagar, Lucknow-226010

Participants Id	
Participant Name	
Test Center Name	
Test Date	22/06/2022
Test Time	2:30 PM - 5:30 PM
Subject	Junior Engineer(Trainee) Civil

Q.1	The solid waste called can include a variety	y of materials which may either be
Ans	combustible or incombustible. X A. effluent	
	X B. garbage	
	✓ C. rubbish	
	X D. ashes	
	D. asiles	
		Question ID : 10343511565
		Status : Answered
		Chosen Option : B
Q.2	The Westergaard analysis is used for which type or	f soils?
Ans	X A. Isotropic soils	
	X B. Homogenous soils	
	✓ C. Stratified soils	
	X D. Sandy soils	
		Question ID : 10343511485
	00	Status : Answered Chosen Option : C
		Chosen Option . C
Q.3	According to IS: 800-2007, the distance between th fasteners shall not exceed, whichever is le	ne centres of any two adjacent
	thinner plate.	sas, where the the thickness of the
Ans	X A. 8 t or 50 mm	
	X B. 24 t or 200 mm	
	✓ C. 32 t or 300 mm	
	X D. 16 t or 100 mm	
		Question ID : 10343511550
		Status : Answered
		Chosen Ontion : D

Q.4 What is the short term modulus of concrete for M25 grade concrete, according to IS: 456-20002 Ans X A. 250 N/ mm² ✓ B. 25000 N/ mm² X C. 25 N/ mm² X D. 2500 N/ mm² Question ID: 10343511543 Status: Answered Chosen Option: B Q.5 The total cost of a new building is ₹200000.00. What is the depreciation cost of the building after 20 years by straight line method if the scrap value is ₹20000.00 assuming the life of the building is 80 years? Ans X A. ₹125000.00 X B. ₹95650.00 C. ₹155000.00 X D. ₹1356500.00 Question ID: 10343511556 Status: Not Answered Chosen Option: --Q.6 Amortisation is nothing but: X A. the capital sum required to be invested in order to receive a net annual income as an Ans annuity of ₹1 at certain rate of interest X B. the net instalment of annual or periodical payment for repayment of the capital amount invested in a property for a specific period C. the loss of property due to its use, life wear and tear D. the accumulation of sinking fund at compound interest for payment of debt Question ID: 10343511555 Status: Not Answered Chosen Option: --The hard ceramic material (usually grey or brownish in colour) that is made from refractory clay, mixed with crushed pottery, stones and sand, burnt at high temperatures and then cooled slowly is called: X A. earthenware X B. terracotta C. encaustic tiles D. stoneware Question ID: 10343511430 Status: Answered Chosen Option: A

Q.8 If t_o is the optimistic time, t_l is the most likely time and t_p is the most pessimistic time, then the expected time t_e is:

Ans

$$\times$$
 A. $t_s = \frac{t_o - 4t_l - t_p}{6}$

$$\star$$
 C. $t_e = \frac{4t_o + t_l + 2t_p}{6}$

$$\times$$
 D. $t_s = \frac{2t_o + 4t_l + 2t_p}{6}$

Question ID: 10343511521

Status: Answered

Chosen Option: C

Q.9 For an aquifer, the sum of specific yield and specific retention is equal to:

Ans

X A. Density

X B. Degree of saturation

X C. Void ratio

D. Porosity

Question ID: 10343511576

Status: Not Answered

Chosen Option: --

Q.10 Respiratory disease and chronic bronchitis are caused due to the presence of in the air.

ceEndi

Ans

A. particulate matter

X B. carbon monoxide

X C. carbon dioxide

X D. lead

Question ID: 10343511562

Status: Answered

Chosen Option: C

Q.11 The method of analysis of determinate beam is:

Ans

X A. theorem of three moment method

B. unit load method

X C. moment distribution method

X D. column analogy method

Question ID: 10343511508

Status: Answered

Chosen Option : B

Q.12 The given statements are related to trigonometric surveying.

Statements:

- 1.Base accessible: The base of the object to which the vertical height required above a reference line is accessible to the surveyor.
- 2.Base inaccessible: The horizontal distance between the instrument and the object cannot be measured due to obstacles. Two instrument stations are used so that they are in the same vertical plane as the elevated object. Identify whether the statements are correct or incorrect.

X A. Both statements are incorrect Ans

B. Both statements are correct

X C. Statement 1 is incorrect and statement 2 is correct

X D. Statement 1 is correct and statement 2 is incorrect

Question ID: 10343511459 Status: Answered Chosen Option: B

Q.13 What is the function of a shifting head in theodolite?

X A. It is used to provide a means for levelling the instrument.

B. It is used for exact centering of the instrument after levelling has been completed.

X C. It provides the main scale reading of a horizontal angle and a means to fix/unfix the whole of the instrument.

D. t is used to make the horizontal axis truly horizontal.

Question ID: 10343511452 Status: Answered

Chosen Option : D

Q.14 The normal consistency of ordinary Portland cement is tested using:

Ans

- A. Vicat apparatus
- nce Engi X B. Blaine's air permeability apparatus
- X C. Le Hoteliers apparatus
- X D. slump cone

Question ID: 10343511435 Status: Answered

Chosen Option: A

Q.15 According to IS 456 - 2000, the minimum period before striking formwork for props to beams spanning up to 6 m is:

Ans X A. 7 days

X C. 21 days

X D. 3 days

Question ID: 10343511536

Status: Answered

Chosen Option: C

Q.16 According to IS:456-2000, what is the nominal cover for concrete exposed to mild exposure condition?

Ans

X A. 50 mm

X B. 25 mm

X C. 40 mm

✓ D. 20 mm

Question ID : 10343511446 Status : Answered

Chosen Option : B

Q.17 The degree of indeterminacy in a statically determinate beam is equal to:

Ans

X A. infinity

X B. greater than equations static equilibrium

X C. unity

D. zero

Question ID : 10343511504

Status: Answered

Chosen Option : B

Q.18 In case of a column of actual length I with both ends fixed, equivalent length, L is equal to:

Ans



$$\times$$
 c. $\frac{2l}{\sqrt{2}}$

$$\times$$
 D. $\frac{l}{\sqrt{2}}$

Question ID : 10343511513 Status : Answered

Chosen Option : D

Q.19 Identify the option that arranges the given process of manufacture of concrete in a sequential order.

Mixing, batching, transporting, placing, compacting, finishing, curing

Ans X A. Mixing, placing, batching, transporting, compacting, finishing, curing

X B. Mixing, batching, transporting, placing, compacting, curing, finishing

C. Batching, mixing, transporting, placing, compacting, curing, finishing

X D. Mixing, transporting, batching, placing, compacting, finishing, curing

Question ID : 10343511476

Status : Answered

Chosen Option : C

	X B. infinity	
	X C. constant	
	✓ D. zero	
		Question ID : 10343511449
		Status : Not Answered
		Chosen Option :
.21	A canal fall in which an improvement in energy diss	sipation could be achieved by
	replacing straight glacis by parabolic glacis is	
ns	X A. Ogee type	
	X B. Trapezoidal type	
	C. Rapid type	
	✓ D. Montague type	9
		Question ID : 10343511579
		Question D. 10343311379
		Status : Answered
	If stone quarrying is done by the blasting method we resistance of 2 m, what is the rough estimate of guiday. A. 300 g B. 500 g C. 400 g	
	resistance of 2 m, what is the rough estimate of gui A. 300 g B. 500 g	Chosen Option : A
	resistance of 2 m, what is the rough estimate of gui A. 300 g B. 500 g C. 400 g	Chosen Option : A
	resistance of 2 m, what is the rough estimate of gui A. 300 g B. 500 g C. 400 g	Chosen Option : A with a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered
	resistance of 2 m, what is the rough estimate of gui A. 300 g B. 500 g C. 400 g	vith a length of line of least n powder required? Question ID: 10343511433
23	resistance of 2 m, what is the rough estimate of guide. A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant?	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
.23	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
23	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂) B. Oxides of nitrogen (NO _x)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
ans	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂) B. Oxides of nitrogen (NO _x) C. Oxides of sulphur (SO _x)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
a.23	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂) B. Oxides of nitrogen (NO _x)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
23	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂) B. Oxides of nitrogen (NO _x) C. Oxides of sulphur (SO _x)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :
a.23	resistance of 2 m, what is the rough estimate of guide A. 300 g A. 300 g B. 500 g C. 400 g D. 600 g Which of the following is a secondary air pollutant? A. Oxides of carbon (CO ₂) B. Oxides of nitrogen (NO _x) C. Oxides of sulphur (SO _x)	Chosen Option : A vith a length of line of least n powder required? Question ID : 10343511433 Status : Not Answered Chosen Option :

	X A. uniaxial shear	
	✓ B. biaxial bending	
	C. triaxial bending	
	X D. uniaxial bending	
		Question ID : 10343511537
		Status : Answered Chosen Option : A
		Chosen Option . A
2.25	is a common thinning agent used as a s	olvent in paint.
Ans	X A. White lead	
	X B. Linseed oil	
	C. Naphtha	
	X D. Lithophone	
		Out after ID 40040744 600
		Question ID : 10343511438 Status : Answered
		Chosen Option : B
Ans	X A. Trapezoidal flume X B. Modified San Dimas flume	9
Ans	 ✗ B. Modified San Dimas flume ✓ C. Parshall flume ✗ D. San Dimas flume 	William Colino
Ans	➤ B. Modified San Dimas flume C. Parshall flume	Question ID : 10343511495
Ans	➤ B. Modified San Dimas flume C. Parshall flume	Status : Answered
Ans	➤ B. Modified San Dimas flume C. Parshall flume	
	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27 Ans	 ✗ B. Modified San Dimas flume ✗ C. Parshall flume ✗ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob	Status : Answered Chosen Option : A
Q.27	 ➤ B. Modified San Dimas flume ➤ C. Parshall flume ➤ D. San Dimas flume The traffic manoeuvre at which a vehicle moves ob vehicle moving in the same direction at relatively so A. crossing ➤ A. crossing ➤ B. diverging ➤ C. merging 	Status : Answered Chosen Option : A

	✓ A. Tensile test	
	X B. Compression test	
	C. Torsion test	
	X D. Shear test	
		Question ID : 10343511467 Status : Answered
		Chosen Option : A
		·
.29	Soils are classified into groups under Indian system.	standard soil classification
Ans	X A. 15	
	✓ B. 18	
	X C. 3	
	X D. 7	9
	*(=:	
		Question ID : 10343511483
		Status : Answered
		Olympian Outlines D
		Chosen Option : D
Q.30	The fresh detailed estimate prepared in addition to the	
	called:	
	called: A. unit rate estimate	e original sanctioned estimate is
	called: X A. unit rate estimate ✓ B. supplementary estimate	e original sanctioned estimate is
	called: X A. unit rate estimate ✓ B. supplementary estimate X C. maintenance estimate	
	called: X A. unit rate estimate ✓ B. supplementary estimate	e original sanctioned estimate is
	called: X A. unit rate estimate ✓ B. supplementary estimate X C. maintenance estimate	e original sanctioned estimate is
	called: X A. unit rate estimate ✓ B. supplementary estimate X C. maintenance estimate	e original sanctioned estimate is
	called: X A. unit rate estimate ✓ B. supplementary estimate X C. maintenance estimate	Question ID : 10343511551
Ans	called: X A. unit rate estimate ✓ B. supplementary estimate X C. maintenance estimate X D. repair estimate	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of:	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of:	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of: A. both, vertical and horizontal angles	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of: X A. both, vertical and horizontal angles B. horizontal angles	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of: X A. both, vertical and horizontal angles B. horizontal angles C. distance between points	Question ID : 10343511551 Status : Answered Chosen Option : B
Ans	called: X A. unit rate estimate B. supplementary estimate C. maintenance estimate D. repair estimate In surveying, the repetition method is used to improve measurements of: X A. both, vertical and horizontal angles B. horizontal angles C. distance between points	Question ID : 10343511551 Status : Answered Chosen Option : B

Q.32 Which of the following assumptions is NOT applicable to Terzaghi's theory of consolidation?

A. The solid particles and water in voids are compressible. Ans

X B. Darcy's law is valid throughout the consolidation process.

X C. The soil is homogeneous and isotropic.

X D. The soil is fully saturated.

Question ID: 10343511486 Status: Answered

Chosen Option : B

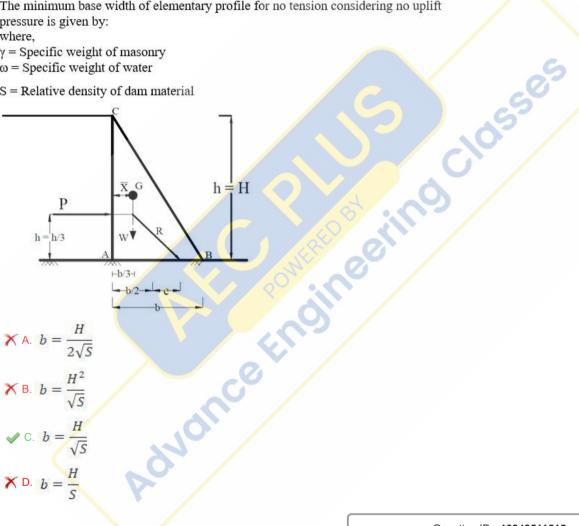
Q.33 Consider a triangular section masonry dam of bottom width 'b' and height 'H' which stores water on its vertical face to full depth (h = H) as shown in the figure. The minimum base width of elementary profile for no tension considering no uplift pressure is given by:

where,

 γ = Specific weight of masonry

 ω = Specific weight of water

S = Relative density of dam material



$$\nearrow$$
 A. $b = \frac{H}{2\sqrt{S}}$

$$\times$$
 B. $b = \frac{H^2}{\sqrt{S}}$

$$\checkmark$$
 C. $b = \frac{H}{\sqrt{S}}$

$$\times$$
 D. $b = \frac{H}{S}$

Question ID: 10343511515

Status: Answered

Chosen Option : B

Q.35 The difference between critical path method and PERT is that:

Ans

A. CPM is activities oriented while PERT is events oriented

X B. time estimates for competition are not accurate in CPM while they are accurate in PERT

X C. CPM is events oriented while PERT is activities oriented

✗ D. cost is not directly proportional to time in CPM while it is directly proportional to time in PERT

Question ID: 10343511518
Status: Answered
Chosen Option: A

Q.36 The two-point and three-point problems in plane table survey are related to:

Ans

A. resection

X B. radiation

X C. intersection

X D. traversing

Question ID : 10343511457
Status : Answered
Chosen Option : B

Q.37 'Plaster of Paris' is carried out before painting for:

Ans

X A. flooring

X B. outside walls

X C. terrace

D. inside walls

Question ID : 10343511447 Status : Answered

Chosen Option : B

Q.38 Slope and maximum deflection for simply supported beam subjected to a uniformly distributed load of w per unit length, over the entire span (I) using area moment method is:

(Where EI is the flexural rigidity)

Ans

$$\times$$
 A slope = $\frac{wl^2}{2EI}$ and deflection = $\frac{wl^3}{3EI}$

✓ B. slope =
$$\frac{wl^3}{24EI}$$
 and deflection = $\frac{5wl^4}{384EI}$

$$\times$$
 C. slope = $\frac{wl^2}{16EI}$ and deflection = $\frac{wl^3}{48EI}$

$$\times$$
 D. slope = $\frac{wl^3}{6EI}$ and deflection = $\frac{wl^4}{8EI}$

Question ID: 10343511506

Status : Answered

Chosen Option : C

Q.39 What type of cement is used for lining chemical apparatus and for building towers, tanks, and other installations for the chemical industry?

Ans X

X A. White cement

X B. Expanding cement

C. Acid resisting cement

X D. Oil-well cement

Question ID: 10343511554

Status : Answered

Chosen Option : C

Q.40 Which of the following is NOT a characteristic of ashlar stone masonry?

Ans A. Every stone must be cut to the required size and shape to give truly vertical and horizontal joints.

B. No point on the faces should vary more than about 1 mm when tested with a 60 cm straight edge

C. No portion of the dressed surface should be more than 10 mm from a straight edge placed on it.

X D. Horizontal and vertical lines should not vary more than 3 mm and 6 mm, respectively.

Question ID: 10343511442

Status: Not Answered

Chosen Option: --

Q.41 If free dissolved oxygen is not available to the sewage, then the resulting anaerobic decomposition is called:

Ans

A. putrefaction

X B. purification

X C. aeration

X D. oxidation

Question ID: 10343511564

Status : Answered

Chosen Option : C

	★ B. one	
	X C. negative	
	X D. positive	
		0 11 12 1011
		Question ID : 10343511492 Status : Answered
		Chosen Option: A
1 / 1 3	One point method test is used to find the approximate value of	
ns	A. shrinkage index	 ·
	✓ B. liquid limit	
	C. shrinkage limit	
	X D. plastic limit	
	D. plactic mint	
		Question ID : 10343511482
		Status : Not Answered
		Chosen Option :
2.44	The components of a typical flexible pavement are:	
Ans	X A. Surface course, base course and sub-base course	
	✓ B. Surface course, base course, sub-base course and soil subgrade	
	★ C. Surface course and base course	
	✗ D. Surface course, base course and soil subgrade	
		Question ID : 10343511531
		Status : Answered Chosen Option : B
		Chosen Option . B
	In the case of a gravity dam, identify the force which does NOT try to	o destabilise the
Ans	dam. X A. Water standing against the upstream face of the dam	
	✓ B. Water standing against the downstream face of the dam	
	C. Generation of waves by high winds	
	X D. Deposition of silt in dead storage zone of the reservoir	
	A C	Question ID : 10343511572
	•	Status : Answered
		Chosen Option : D

Q.46 In which of the following condition, Kennedy's theory of canal design is different from Lacy's theory:

X A. the sediment is kept in suspension due to eddies generated from bottom as well as Ans sides of the channel

X B. silt factor is introduced as a measure of the grain size of the material forming the channel

C. velocity is sufficient to generate eddies from the bottom of the channel to keep the sediment just in suspension

X D. Kennedy has proposed initial, true and final regime condition in the channel to study the silt

> Question ID: 10343511570 Status: Answered Chosen Option: D

Q.47 As per IS: 456-2000, the maximum shear stress for M25 grade concrete in limit state design is:

Ans

X A. 2.8 N/ mm²

X B. 2.5 N/mm²

X C. 3.5 N/ mm²

✓ D. 3.1 N/ mm²

Question ID: 10343511539 Status : Answered

Chosen Option : B

Q.48 Which of the following irrigation systems leads to reduced evaporation?

Ans

A. Drip irrigation

X B. Basin flooding

X C. Sprinkler irrigation

X D. Furrow irrigation

Question ID: 10343511569

Status: Answered

Chosen Option : A

Q.49 When the Full Supply Level of the canal is sufficiently below the bottom of the drain trough, so that the canal water flows freely under gravity, the structure is known as:

Ans X A. aqueduct

B. super passage

X C. syphon aqueduct

X D. level crossing

Question ID: 10343511573

Status: Answered

Chosen Option : A

.50	To make timber more fire resistant than it is, the wood is first in retarding chemical solution such as	npregnated with a nre
Ans	X A. butane	
	X B. turpentine	
	C. gasoline	
	D. ammonium phosphate	
		Question ID : 10343511432
		Status : Answered Chosen Option : B
2.51	Determine the mechanical widening required for a two-lane pay a horizontal curve of radius 490 m, if the longest base of vehicle is 7 m.	
Ans	✓ A. 0.1 m	
	★ B. 0.7 m	
	★ C. 0.3 m	6
	X D. 0.5 m	-03
		5
		Outpotion ID 40040E44E00
		Question ID: 10343511533
		Status : Not Answered
Q.52	Identify whether the given statements are true or false. Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do 2) Waterproofing of basements should be carried out wherever	Status: Not Answered Chosen Option:
	Statements: 1) Damp proof courses are built in masonry wall to prevent dam	Status: Not Answered Chosen Option:
	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do? 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false	Status: Not Answered Chosen Option:
	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do? 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false	Status: Not Answered Chosen Option:
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	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do? 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false	Status: Not Answered Chosen Option: Inpness penetrating wnwards. there is a possibility of Question ID: 10343511444
	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do? 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false	Status: Not Answered Chosen Option: npness penetrating wnwards. there is a possibility of
Ans	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof dov 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false D. Both statements are true	Chosen Option : Inpness penetrating with white which is a possibility of Question ID : 10343511444 Status : Answered Chosen Option : D
Ans	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof do 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. A. Statement 1 is false and statement 2 is true B. Both statements are false C. Statement 1 is true and statement 2 is false D. Both statements are true	Chosen Option : Inpness penetrating with white which is a possibility of Question ID : 10343511444 Status : Answered Chosen Option : D
Ans	Statements: 1) Damp proof courses are built in masonry wall to prevent dam through the walls from foundation upwards or from the roof down 2) Waterproofing of basements should be carried out wherever groundwater rising above the basement level. **A. Statement 1 is false and statement 2 is true **B. Both statements are false **C. Statement 1 is true and statement 2 is false **D. Both statements are true **D. Both statements are true **To counter balance the effect of hydraulic jump, baffle walls are also	Chosen Option : Inpness penetrating with white which is a possibility of Question ID : 10343511444 Status : Answered Chosen Option : D
Ans	Statements: 1) Damp proof courses are built in masonry wall to prevent damped through the walls from foundation upwards or from the roof down of the walls from foundation upwards or from the roof down of the walls from foundation upwards or from the roof down of the walls are groundwater rising above the basement level. **A. Statement 1 is false and statement 2 is true **B. Both statements are false **C. Statement 1 is true and statement 2 is false **D. Both statements are true **To counter balance the effect of hydraulic jump, baffle walls are the walls are the walls are the walls type fall **B. Inglis type fall	Chosen Option : Inpness penetrating with white which is a possibility of Question ID : 10343511444 Status : Answered Chosen Option : D
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Ans	Statements: 1) Damp proof courses are built in masonry wall to prevent damped through the walls from foundation upwards or from the roof down of the value of the proof of th	Chosen Option : Opness penetrating wnwards. there is a possibility of Question ID : 10343511444 Status : Answered Chosen Option : D

Q.54 What permissible limit of fluorides present in water causes diseases like dental fluorosis and skeletal fluorosis?

Ans

X A. Less than 1.0 mg/litre

X B. Greater than 2.0 mg/litre

C. Greater than 1.5 mg/litre

X D. Greater than 2.5 mg/litre

Question ID : 10343511558 Status : Answered

Chosen Option : C

Q.55 Which of the following is an advantage of English bond in brick masonry?

Ans

X A. English bond provides greater economy compared to a Flemish bond.

X B. English bond requires more facing bricks than other bonds.

C. English bond gives greater strength than any other bond.

X D. English bond gives more aesthetic appearance than Flemish bond.

Question ID: 10343511441

Status: Answered

Chosen Option : C

Q.56 Which of the following types of project management starts when actual work starts?

Ans

X A. Project marketing

X B. Project planning

X C. Project scheduling

D. Project controlling

Question ID : 10343511517 Status : Answered

Chosen Option : B

Q.57 Which of the following statements is applicable to movable hair method of stadia system in tacheometer?

Ans

✓ A. The staff interval is kept constant by changing the distance between the stadia hairs.

X B. Stadia hairs are kept at fixed intervals and the staff interval or intercept on the levelling staff varies.

C. Stadia hairs are kept at fixed intervals and the staff interval or intercept on the levelling staff is also fixed.

X D. Readings at two different points on a staff are taken against the horizontal cross hair and corresponding vertical angles are noted.

Question ID: 10343511454

Status : **Answered**

Chosen Option : D

Q.58 is a method of levelling to accurately determine the difference in elevation between two points that are at considerable distance apart with an intervening obstacle between the points. A. Reciprocal levelling Ans X B. Differential levelling X C. Fly levelling X D. Precise levelling Question ID: 10343511460 Status: Answered Chosen Option : B Q.59 The degree of static indeterminacy for a fixed beam subjected to the loading as shown in the figure is: Ans X B. 1 X C. 3 X D. 0 Question ID: 10343511507 Status: Answered Chosen Option: C Q.60 According to IS: 4111 (part-1) - 1964, the spacing of manholes that can be adopted on straight reaches of sewer line to be cleaned manually, for a sewer of diameter 0.9 m is: X A. 250 m Ans / B. 90 m X C. 75 m X D. 45 m Question ID: 10343511563 Status: Not Answered Chosen Option: --Q.61 Select the correct explanation from the following options for the network diagram shown in the given figure. X A. Activity A controls C and D, while activity B controls D and E. Thus, D is controlled by both A and B X B. Activity B is controlled by A and C. However, activity D is controlled by activity C only X C. Activity D is controlled by A and B, while activity E is controlled by activity B and C ✓ D. Activity D is controlled by A,B and C. However, activity E is controlled by B and C

> Question ID : 10343511522 Status : Answered

Chosen Option: D

Q.62 Identify whether the following statements related to network diagram in project management are correct or incorrect. 1.A portion of a project having a definite beginning and an end is called as activity. 2.An activity is the actual performance of a task X A. Statement 1 is correct and statement 2 is incorrect B. Both statements are correct X C. Both statements are incorrect X D. Statement 1 is incorrect and statement 2 is correct Question ID: 10343511523 Status : Answered Chosen Option: B Q.63 A course of stones placed immediately below the cornice along the external face of the wall to improve appearance is called: Ans A. freeze X B. quoins X C. corbels X D. copings Question ID: 10343511440 Status: Not Answered Chosen Option: --Q.64 Which of the following assumptions is NOT made in the derivation of shear stress produced in a circular shaft subjected to torsion? Ans X A. All radii which are straight before twist remain straight after twist X B. The shaft is uniform circular section throughout. C. The material of the shaft is non-homogeneous. X D. Cross sections of the shaft, which are plane before twist remain plain after twist. Question ID: 10343511463 Status: Not Answered Chosen Option: --Q.65 The Clapeyron's theorem is used to analyse: X A. propped cantilever Ans 🥒 B. continuous beam X C. portal frames X D. fixed beam

Question ID : 10343511511
Status : Not Answered

Chosen Option : --

Q.66 The device used in chain survey for ranging out a line when crossing a depression from which the forward rod is invisible or when it is hidden by obstacles is: X A. plumb bob Ans X B. pegs X C. tapes D. plasterer's laths Question ID: 10343511456 Status: Answered Chosen Option : B Q.67 The traffic island used to separate opposing flow traffic on a highway with four or more lanes is achieved through: A. divisional islands X B. pedestrian loading island X C. channelising island X D. rotary Question ID: 10343511530 Status: Answered Chosen Option : D Q.68 What is the function of a surge tank in a hydroelectric power plant? X A. To provide additional pressures to the turbine X B. To absorb sudden pressure rise in the turbine C. To provide constant head of water X D. To reduce the pressure in the draft tube of turbine Question ID: 10343511499 Status: Answered Chosen Option : C Q.69 Identify the characteristics of standard sand, used for testing cement. A. The sand shall be of quartz of light grey or whitish variety and free from silt. Ans X B. The sand shall pass through IS:476 micrometre sieve. X C. The sand grains shall be circular in shape. X D. The sand shall be free from inorganic impurities. Question ID: 10343511472 Status: Not Answered

Chosen Option: --

	Which of the following is NOT a type of transition curve?	
Ans	★ A. Lemniscate★ B. Hyperbola	
	C. Spiral	
	X D. Cubic parabola	
	D. Cubic parabola	
		Question ID : 10343511455
		Status : Answered
		Chosen Option : C
Q.71	The phenomenon when the sand loses its shear strength due to ose known as:	cillatory motion is
Ans	X A. shrinkage of sand	
	X B. boiling of sand	
	C. liquefaction of sand	
	X D. bulking of sand	6
		Question ID : 10343511487 Status : Answered
		Chosen Option : D
Q.72	Identify the equipment which does NOT make use of the practical a Bernoulli's equation.	oplication of
Ans	✓ A. Hydraulic ram	
	✗ B. Venturi meter	
	★ C. Orifice meter	
	X D. Pitot tube	0
	20.10	
		Question ID : 10343511491 Status : Answered
		Chosen Option : A
Q.73	The correct sequence of the components in a pumping mechanism pump through which the fluid flows from the sump is:	with centrifugal
Ans		
	✓ B. foot valve and strainer, suction pipe, impeller, delivery pipe	
	C. impeller, suction pipe, foot valve and strainer, delivery pipe	
	D. impeller, suction pipe, delivery pipe, foot valve and strainer	
		Question ID : 10343511500
		Status : Answered
		Chosen Option : A

Q.74	To measure which of the following quantities is a triangular notch a	n more courate
	measuring device than the rectangular notch?	a more accurate
Ans	X A. Medium flow rates	
	X B. All flow rates	
	C. Low flow rates	
	X D. High flow rates	
		Question ID : 10343511494
		Status : Answered Chosen Option : B
Q.75	When does Cant deficiency occur in railways?	
Ans	X A. When a train travels over the transition at the maximum permiss	sible speed
	B. When a train travels around a curve at a speed higher than the	equilibrium speed
	X C. When a train travels over the transition at the minimum permiss	ible speed
	X D. When a train travels around a curve at a speed lower than the e	equilibrium speed
		Question ID : 10343511534 Status : Answered
		Chosen Option : B
Q.76	The setting time of concrete is found in laboratory by:	
Ans	X A. Vicat apparatus	
Ans	X A. Vicat apparatus X B. Kelly Ball test	of ind
Ans		of ind
Ans	➤ B. Kelly Ball test	Beiling
Ans	➤ B. Kelly Ball test C. penetrometer test	eeiino
Ans	➤ B. Kelly Ball test C. penetrometer test	Question ID : 10343511475
Ans	➤ B. Kelly Ball test C. penetrometer test	Status : Answered
Ans	➤ B. Kelly Ball test C. penetrometer test	
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ★ B. Kelly Ball test ★ C. penetrometer test ★ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule. ★ A. 950 m² ★ B. 410 m² ★ C. 715 m² 	Status : Answered Chosen Option : A e to an irregular alle.
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular
Q.77	 ➤ B. Kelly Ball test ➤ C. penetrometer test ➤ D. flow test The following offsets were taken at 30 m interval from a survey line boundary line: 4m, 6m, 5m, 7m. Calculate the area by Simpson's rule.	Status : Answered Chosen Option : A e to an irregular rule. Question ID : 10343511557

Q.78 The concrete that is conveyed through a hose and pneumatically projected at a high velocity on a surface is called:

Ans

A. shotcrete

X B. smart concrete

X C. ready mix concrete

X D. green concrete

Question ID: 10343511436 Status: Answered

Chosen Option : C

Q.79 What is the purpose of horizontal stiffeners in a plate girder?

X A. To safeguard the web against temperature buckling stress

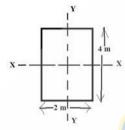
X B. To safeguard the flange against shearing buckling stress

X C. To safeguard the flange against bending buckling stress

D. To safeguard the web against bending buckling stress

Question ID: 10343511548

Q.80 Find the moment of inertia of a rectangle about centroidal YY axis shown in the given figure.



Ans

✓ A. 2.67 m⁴

X B. 6.67 m⁴

X C. 14.67 m⁴

X D. 10.67 m⁴

Status: Answered

Chosen Option : B

Question ID: 10343511464 Status: Answered

Chosen Option : A

Q.81 Which of the following is an example of a statically indeterminate beam?

Ans

X A. Overhanging beam

X B. Cantilever beam

X C. Simply supported beam

D. Propped cantilever beam

Question ID: 10343511503

Status: Answered

Chosen Option: D

Q.82 The first area of moment for a triangle having base B and height H with respect base is:

Ans

×	Α	H
,	<i>,</i>	2

$$\times$$
 B. $\frac{2H}{3}$

$$\times$$
 C. $\frac{H}{4}$

Question ID: 10343511505 Status: Answered

Chosen Option: B

Q.83 The capacity factor of a canal is:

A. the ratio of mean supply (discharge) to the design capacity of the canal

X B. the ratio of the number of days the canal has actually run to the number of days of the irrigation period

X C. the ratio of quantity of flow in kharif season and rabi season

X D. the duty based on the discharge at the canal headworks

Question ID: 10343511574

Status: Answered

Chosen Option : A

Q.84 Which of the following content is responsible for reducing the heat of hydration during the setting action of low heat cement? anceEndi

X A. Phosphorous aluminium silicate

B. Tricalcium aluminate

X C. Dicalcium aluminate

X D. Gypsum silicate

Question ID: 10343511431

Status: Answered

Chosen Option : D

Q.85 The weight of one litre of a liquid is 9N. The approximate specific gravity of this liquid would be:

Ans X A. 0.72

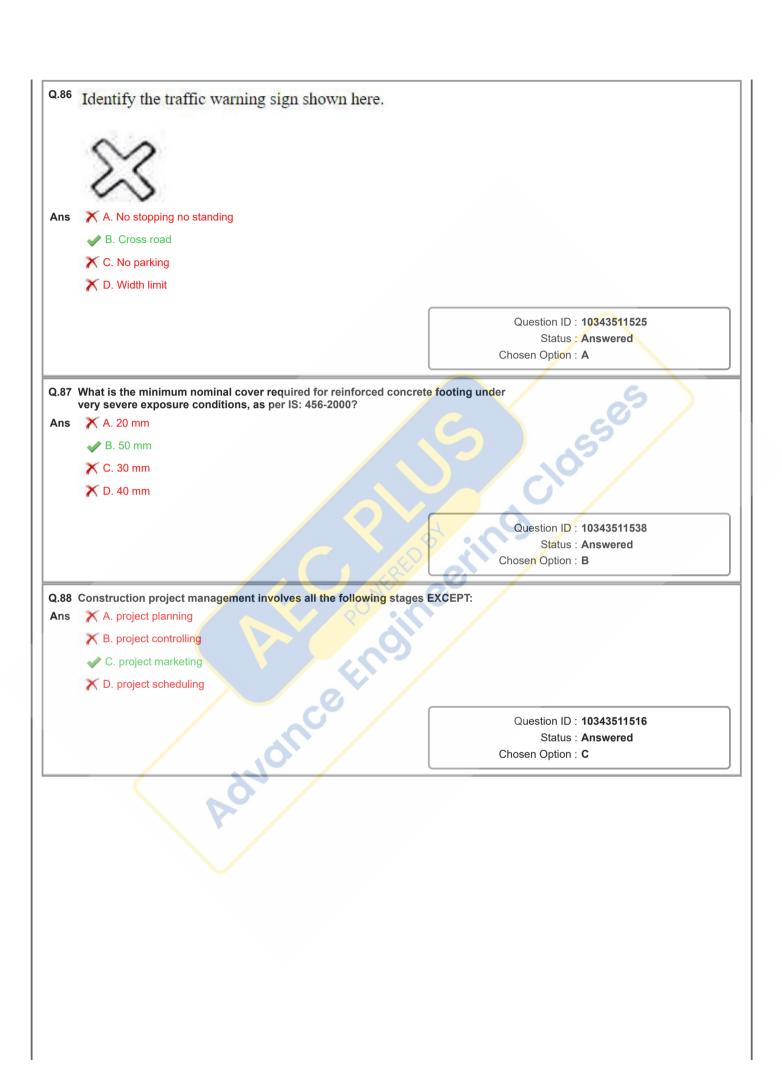
X B. 0.64

✓ C. 0.92

X D. 0.87

Question ID: 10343511488 Status: Answered

Chosen Option : C



Q.89 Stiffness factor (k) for a fixed end beam of length L with a flexural rigidity El is given by:

Ans

$$\checkmark \land k = \frac{4EI}{l}$$

$$\times$$
 B. $k = \frac{2EI}{l}$

$$\times$$
 C. $k = \frac{EI}{l}$

$$\times$$
 D. $k = \frac{3EI}{l}$

Question ID: 10343511502 Status: Not Answered

Chosen Option: --

Q.90 Match the columns.

Highway materials	Test apparatus
Aggregate hardness	A. Pensky-Martens test
2. Bitumen adhesion	B. Float test
3. Consistency of bitumen	C. Dynamic immersion test
4. Flash point of bitumen	D. Los Angeles apparatus

Ans X A. 1-C, 2-D, 3-B, 4-A

✓ B. 1-D, 2-C, 3-B, 4-A

X C. 1-B, 2-C, 3-D, 4-A

X D. 1-D, 2-A, 3-B, 4-C

Question ID: 10343511535

Status : Answered

Chosen Option : B

Q.91 Select the noise induced disease from the following.

Ans X A. Fluorosis

✓ B. High blood pressure

X C. Hepatitis

X D. Bronchiolitis

Question ID: 10343511561

Status: Answered

Chosen Option : B

Q.92 The Delta for a crop having a base of period 120 days is 80 cm. What is the duty of crop? A. 1296 hectare/cumec Ans X B. 2480 hectare/cumec X C. 1.296 hectare/cumec X D. 2.480 hectare/cumec Question ID: 10343511568 Status: Answered Chosen Option: C Q.93 According to IS 456-2000, for limit state of design, design strength of the material is × A. _____charactersitic strength of the material Ans working factor appropriate to the material ★ B. partial safety factor appropriate to the material Compressive strength of the material C. partial safety factor appropriate to the material charactersitic strength of the material charactersitic strength of the material partial safety factor appropriate to the material Question ID: 10343511544 Status : Answered Chosen Option: B Q.94 The mass of hammer and drop of hammer used in standard compaction test are and _____, respectively. onceEn **Ans** X A. 4.8 kg; 310 mm X B. 4.89 kg; 450 mm C. 2.6 kg; 310 mm X D. 2.6 kg; 450 mm Question ID: 10343511479 Status: Answered Chosen Option : B Q.95 The flow in open channel is said to be laminar when the value of Reynold's number is: A. less than 500 Ans X B. greater than 500 X C. greater than 2000 X D. less than 1000 Question ID: 10343511493 Status: Answered Chosen Option: C

Q.96 'Putlogs' is one of the parts of scaffolding which is described as:

Ans A. horizontal members normal to the wall

X B. planks on which workmen stand

X C. members used to bridge opening

X D. horizontal members parallel to the wall

Question ID : 10343511445
Status : Not Answered

Chosen Option: --

Q.97 According to IS 456-2000, the walls shall be assumed to be braced if they are laterally supported by a structure, satisfying certain conditions. Identify the condition for which the above assumption CANNOT be applied.

Ans A. Connections between the wall and the lateral supports are designed to resist a horizontal force not less than the simple static reactions to the total applied horizontal forces at the level of lateral support.

★ B. Lateral forces are resisted by shear in the planes of these walls or by braced elements.

■ Comparison of these walls or by braced elements.

■ Comparison of these walls or by braced elements.

■ Comparison of these walls or by braced.

■ Comparison of the comparison of th

X C. Floor and roof systems are designed to transfer lateral forces.

D. Walls or vertical braced elements are arranged in one directions so as to provide lateral stability to the structure as a whole.

Question ID : 10343511501 Status : Not Answered

Chosen Option : --

Q.98 Which of the following type of irrigation methods is suitable in hilly areas?

Ans X A. Basin method

X B. Border strip method

X C. Flooding method

D. Contour method

Question ID : 10343511571 Status : Answered

Chosen Option : B

Q.99 Identify whether the given statements related to rain gauges are correct or incorrect.

Statements:

1: Tipping bucket type rain gauge is a non-recording gauge and when one bucket receives a small amount of rain (say 0.1 mm), it tips.

2: Weighing bucket rain gauge is a self-recording gauge and the increase in weight of bucket due to mall amount of rain (say 1 mm³) is done through a weighing mechanism.

Ans X A. Both statements are incorrect

X B. Both statements are correct

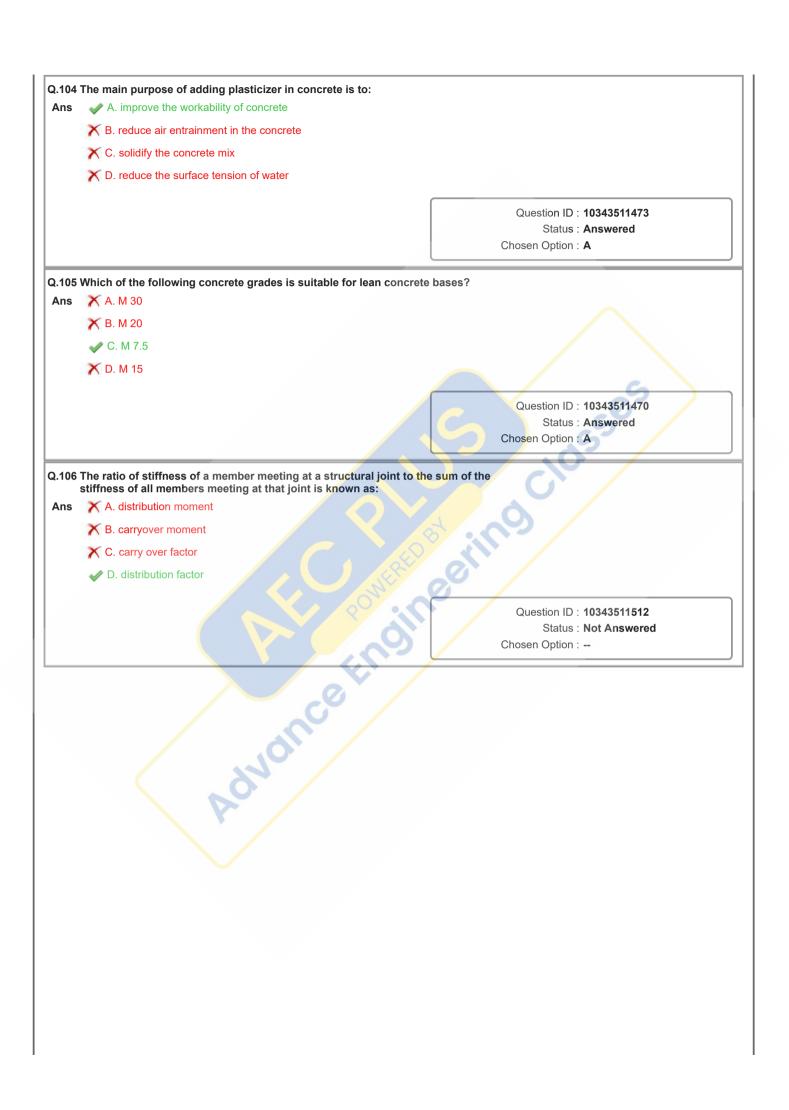
X C. Statement 1 is correct and statement 2 is incorrect

D. Statement 1 is incorrect and statement 2 is correct

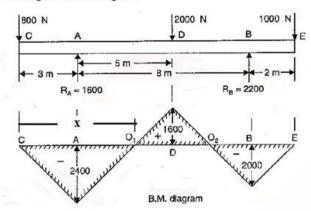
Question ID : 10343511577 Status : Answered

Chosen Option : A

Q.100 Diagonal scale is used to measure: Ans X A. metre and angles X B. metre, decimetre, centimetre and angle C. metre, decimetre and centimetre X D. metre and decimetre only Question ID: 10343511451 Status: Answered Chosen Option : B Q.101 The stress is directly proportional strain within the elastic limit is called: Ans X A. Young's modulus X B. Rigidity modulus C. Hook's law X D. Lami's law Question ID: 10343511462 Status: Answered Chosen Option : A Q.102 The moment of inertia of a plate girder is calculated with respect to _determined by gross-section of the girder. A. neutral axis Ans X B. lower edge of bottom flange X C. upper edge of top flange X D. reference axis Question ID: 10343511547 Status: Answered Chosen Option : A Q.103 According to IS:1199-1959, the dimensions of the mould for conducting the slump test on concrete are: X A. bottom diameter = 25 cm; top diameter 17 cm and height = 12 cm Ans X B. bottom diameter = 10 cm; top diameter 2 cm and height = 20 cm C. bottom diameter = 20 cm; top diameter 10 cm and height = 30 cm X D. bottom diameter = 20 cm; top diameter 10 cm and height = 20 cm Question ID: 10343511474 Status: Answered Chosen Option: B



Q.107 Find the value of X (contraflexure point O1 from C) from the given loading and bending moment diagram.



Ans

- X A. 3 m
- X B. 4 m
- ✓ C. 6 m
- X D. 5 m

Question ID : 10343511468

Status : Answered

Chosen Option : C

Q.108 In traverse surveying, while balancing the transverse process for a closed traverse, the total error in latitudes and in departures is distributed in proportion to the latitudes and departures of the sides. Identify the method.

Δns

- X A. Graphical method
- X B. Axis method
- C. Transit method
- X D. Bowditch's method

Question ID : 10343511453

Status: Not Answered

Chosen Option : --

Q.109 According to Euler's theory, the buckling load (P) for column of unsupported length (L) with both ends hinged is given by:

(Where EI – flexural rigidity)

Ans

- \times A. $P = \frac{4\pi^2 E}{L^2}$
- $B. P = \frac{\pi^2 EI}{L^2}$
- \nearrow C. $P = \frac{\pi^2 EI}{4L^2}$
- \nearrow D. $P = \frac{2\pi^2 EI}{L^2}$

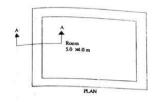
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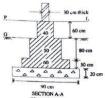
Status : Answered

Chosen Option : C

Q.110 According to IS:456-2000, the maximum limit of suspended solid present in the water used for making concrete is: X A. 1500 mg/l X B. 500 mg/l X C. 1000 mg/l D. 2000 mg/l Question ID: 10343511471 Status: Answered Chosen Option: A Q.111 How are roads under the Nagpur road plan classified? X A. National highways B. National highways, state highways, major district roads, other district roads and village roads X C. National highways, state highways and major district roads X D. National highways and state highways Question ID : 10343511524 Status: Answered Chosen Option: B Q.112 According to IS: 456-2000 for bundled bars, bars larger than 32 mm diameter shall: X A. be bundled both in columns and beams X B. be bundled except in beams C. not be bundled both in beam and column D. not be bundled except in columns Question ID: 10343511546 Status: Answered Chosen Option: A Q.113 The type of ceramic material that is capable of withstanding high temperature, resists chemical action, and does not lose its physical shape is: X A. tiles X B. glass X C. clay bricks D. refractory Question ID: 10343511578 Status : Answered Chosen Option : A

Q.114 Calculate the quantity of earthwork excavation in the foundation for the building plan in the given figure using long wall and short wall method.





Ans

- X A. 24.658 m³
- ✓ B. 22.464 m³
- X C. 24.125 m³
- X D. 20.325 m³

Question ID: 10343511553

Status : Answered

Chosen Option : A

Q.115 A canal fall which consists of a combination of convex curve and concave curve for carrying the canal water from higher level to lower level is

Ans

- A. Ogee fall
- X B. Inglis fall
- X C. Stepped fall
- X D. Rapid fall

Question ID : 10343511567

Status : Answered

Chosen Option : A

Q.116 Using the arc definition with arc length of 30 m, the relationship between the radius R and the degree of curve D of a simple circular curve is given by:

Ans

- \times A. $R = \frac{1519}{D}$
- $R = \frac{1419}{D}$
- \times C. $R = \frac{1319}{D}$
- ✓ D. $R = \frac{1719}{R}$

Question ID: 10343511450

Status : Answered

Chosen Option : D

Q.117 Identify the approach used in work breakdown structure in project planning, which ensures that the total project is fully planned and that all derivative plans contribute directly to the desired end objectives. X A. lumpsum approach Ans X B. bottom-up approach X C. outsourcing approach D. top-down approach Question ID: 10343511520 Status: Not Answered Chosen Option: --Q.118 The process in which suspended solids such as clay, silt and sand are made to settle by gravity under still water conditions is called: X A. aeration Ans X B. softening C. sedimentation X D. disinfection Question ID: 10343511560 Status : Answered Chosen Option: C Q.119 On which type gradient there are no obstacles provided in the form of signals, etc., which may bring the train to a critical juncture? Ans X A. Pusher gradient X B. Ruling gradient X C. Gradients in station yards D. Momentum gradient Question ID: 10343511532 Status: Answered Chosen Option : D Q.120 In project management, bar charts were introduced by: Ans X A. Gunter X B. Rankine X C. Euler D. Henry Gantt Question ID: 10343511519 Status: Answered Chosen Option : A

Q.121 In which theodolite can the telescope be revolved through a complete revolution about the horizontal axis? X A. Electronic theodolite Ans B. Transit theodolite X C. Micrometre theodolite X D. Vernier theodolite Question ID: 10343511448 Status: Answered Chosen Option : B Q.122 If the specific speed of a pump is N_s for discharge 'Q', what would be the specific speed for half discharge with the same head? Ans X A. 2 N_s \times B. $\sqrt{2}$ N_s X C. N. \checkmark D. $\frac{N_s}{\sqrt{2}}$ Question ID: 10343511496 Status: Answered Chosen Option : D Q.123 A fixed beam of span (L) carries a uniformly distributed load of w per unit length over the entire span. The deflection at the centre is: A. one-fifth of the central deflection for a simply supported beam Ans X B. one-fourth of the central deflection for a simply supported beam C. equal to the central deflection of a simply supported beam X D. half of the central deflection for a simply supported beam Question ID: 10343511466 Status: Not Answered Chosen Option: --Q.124 is the dividing beam between the substructure and super structure of a building. Ans X A. Lintel beam B. Plinth beam X C. Sill beam X D. Strap beam Question ID: 10343511439 Status: Answered Chosen Option : B

125	Which of the following conditions is valid for an over-reinfo	orced heam?
ય.1∠5 Ans	X A. The depth of actual neutral axis is equal to the geometr	
	X B. The depth of actual neutral axis is less than the depth of	
	C. The depth of actual neutral axis is more than the depth	
	X D. The depth of actual neutral axis coincides with the dept	in ot critical neutral axis
		Question ID : 10343511542
		Status : Not Answered
		Chosen Option :
	What would be the hydraulic efficiency of a Pelton turbine 60% and mechanical efficiency is 80%?	if its overall efficiency is
Ans	X A. 72.3%	
	✓ B. 75%	
	X C. 81%	
	X D. 82.5%	
	2. 02.07	
		Question ID : 10343511497
		Status : Not Answered
	For the purpose of computing the stopping sight distance of Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m	Status : Not Answered Chosen Option : on highways, Indian Road
	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m	Status : Not Answered Chosen Option : on highways, Indian Road
	Congress has suggested the height of eye level of driver as of the object as above the road surface. A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m	Status : Not Answered Chosen Option : on highways, Indian Road
	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m	Status : Not Answered Chosen Option : on highways, Indian Road s and the height
	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m	Status : Not Answered Chosen Option : on highways, Indian Road
	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m	Status : Not Answered Chosen Option : on highways, Indian Road and the height Question ID : 10343511527
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order.	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending A. Unsoiling, digging, weathering, blending, tempering	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending A. Unsoiling, digging, weathering, blending, tempering B. Weathering, unsoiling, digging, blending, tempering C. Digging, unsoiling, tempering, weathering, blending	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending A. Unsoiling, digging, weathering, blending, tempering B. Weathering, unsoiling, digging, blending, tempering	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending A. Unsoiling, digging, weathering, blending, tempering B. Weathering, unsoiling, digging, blending, tempering C. Digging, unsoiling, tempering, weathering, blending	Status: Not Answered Chosen Option: on highways, Indian Road s and the height Question ID: 10343511527 Status: Not Answered Chosen Option:
Ans	Congress has suggested the height of eye level of driver as of the object as above the road surface. X A. 1.0 m, 0.10 m B. 1.2 m, 0.15 m C. 1.5 m, 0.18 m D. 1.75 m, 0.2 m Identify the option that arranges the given steps involved in earthen bricks in correct sequential order. Digging, unsoiling, weathering, tempering, blending A. Unsoiling, digging, weathering, blending, tempering B. Weathering, unsoiling, digging, blending, tempering C. Digging, unsoiling, tempering, weathering, blending	Status: Not Answered Chosen Option: on highways, Indian Road and the height Question ID: 10343511527 Status: Not Answered Chosen Option: n the manufacture of

Q.129 If the characteristic strength of concrete f_{ck} is 400 N/ mm^2 , then the modulus of rupture f_{cr} is:

Ans

✓ A. 14 N/ mm²

X B. 12 N/ mm²

X C. 16 N/ mm²

X D. 10 N/ mm²

Question ID: 10343511540 Status: Not Answered

Chosen Option : --

Q.130 According to_ _, creep is developed due to the impact of wheels at the rail end ahead of a joint.

Ans

A. percussion theory

X B. drag theory

X C. wave motion theory

X D. crippling load theory

Question ID: 10343511526 Status: Not Answered

Chosen Option: --

Q.131 The arch that is built around triangles and formed of segments meeting at the apex is called:

Ans

X A. flat arch

X B. relieving arch

X C. corbel arch

D. gothic arch

Question ID: 10343511443

Status: Not Answered

Chosen Option : --

Q.132 The second area of moment of a semicircle of diameter 2 m about the diameter axis is:

Ans

$$\times$$
 A. $\frac{\pi}{6}$ m⁴

$$\times$$
 B. $\frac{\pi}{4}$ m⁴

$$\times$$
 B. $\frac{\pi}{4}$ m⁴ \times C. $\frac{\pi}{2}$ m⁴

$$\sim$$
 D. $\frac{\pi}{8}$ m⁴

Question ID: 10343511509

Status: Not Answered

Chosen Option : --

Q.133 Match the columns.

Building materials	Characteristics and uses
1. Glass	A. An organic material prepared from resin with or without fillers such as plasticizer solvents
2. Plastic	B. A fibrous mineral substance, composed of hydrous silicate of calcium and magnesium with small amounts of iron oxide and alumina
3. Gypsum	C. Obtained by melting at a high temperature a mixture of pure sand, soda and chalk
4. Asbestos	D. A white crystalline substance in the hydrated sulphate of calcium

Ans X A. 1-C, 2-D, 3-A, 4-B

X B. 1-B, 2-C, 3-D, 4-A

X C. 1-D, 2-A, 3-C, 4-B

✓ D. 1-C, 2-A, 3-D, 4-B

Question ID: 10343511437

Status: Not Answered

Chosen Option : --

Q.134 For brittle materials, factor of safety is defined as:

Ans X A. the ratio of ultimate stress to breaking stress

X B. the ratio of permissible stress to ultimate stress

C. the ratio of ultimate stress to permissible stress

X D. the ratio of yield stress to breaking stress

Question ID: 10343511541

Status: Not Answered

Chosen Option : --

Q.135 Mass density of soil is determined using:

Ans X A. gas jar method

X B. pycnometer method

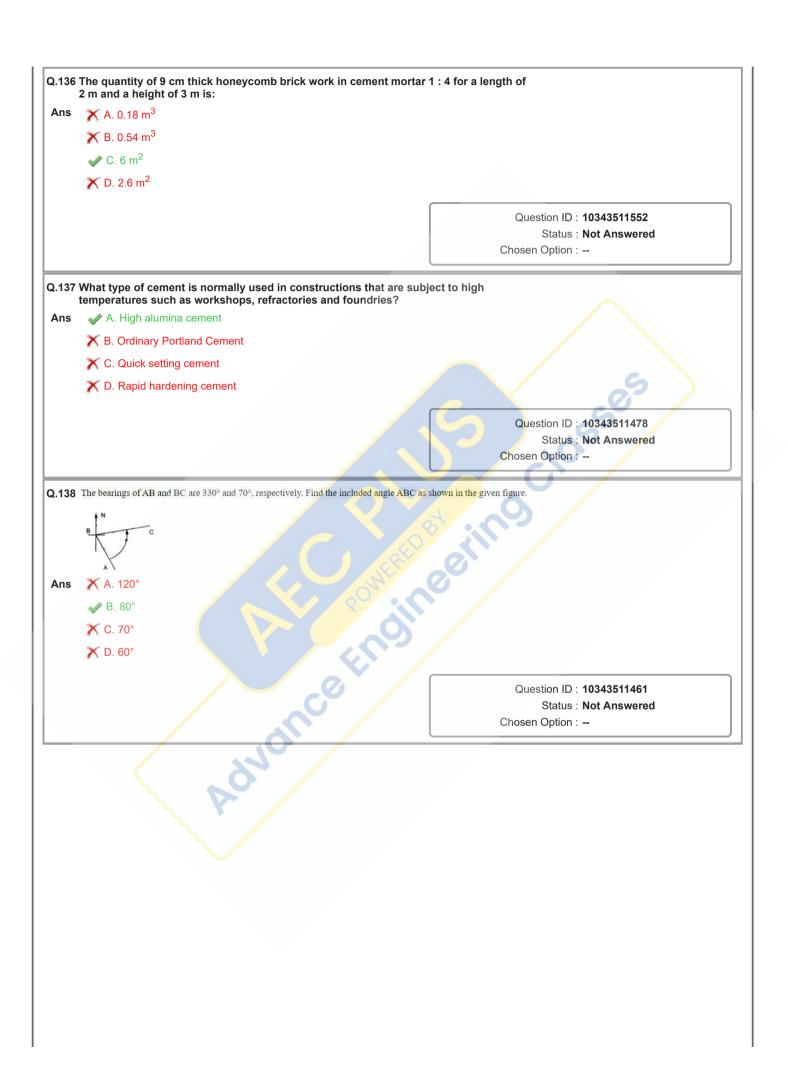
C. sand replacement method

X D. density bottle method

Question ID: 10343511480

Status: Not Answered

Chosen Option: --



Q.139 According to IS 456 - 2000, match the degree of end restraint of compression members (columns) with the theoretical value of effective length of column, where L is the unsupported length of column.

egre	e of end restraint of compression member	Theoretical effective length
A.	Effectively held in position and restrained against rotation in both ends	I. 2.0 L
B.	Effectively held in position at both ends, restrained against rotation at one end	II. 1.0 L
C.	Effectively held in position at both ends. But not restrained against rotation	III. 0.5 L
D.	Effectively held in position and restrained against rotation at one end but not held in position nor restrained against rotation at the other end	IV. 0.7 L

Ans X A. A-II, B-III, C-IV, D-I

X B. A-III, B-I, C-IV, D-II

C. A-III, B-IV, C-II, D-I

X D. A-II, B-I, C-III, D-IV

Question ID: 10343511545 Status: Not Answered

Chosen Option : --

Q.140 For the purpose of checking the requirements of highway geometric design, which of the following percentile speeds is used from the cumulative speed distribution curve plotted against spot speed data?

Ans

X A. 15th percentile

X B. 85th percentile

X C. 50th percentile

D. 98th percentile

Question ID: 10343511528

Status: Not Answered

Chosen Option: --

Q.141 The power dissipated by a 1:10 model of a spillway is 0.5 hp. Calculate the corresponding prototype horsepower dissipated.

Ans X A. 2342 hp

X B. 3452 hp

C. 1581 hp

X D. 4632 hp

Question ID: 10343511498

Status: Not Answered

Chosen Option: --

Q.142 Which of the following is a sources of surface water supply?

Ans

X A. Borewells

X B. Springs

C. Streams

X D. Infiltration Wells

Question ID: 10343511559

Status: Not Answered

Chosen Option: --

	✓ A. Rectangle	
	X B. Trapezium	
	C. Square	
	X D. Triangle	
		Question ID : 10343511510 Status : Not Answered
		Chosen Option :
.144	Which of the following flow measuring devices co sections?	ntains converging and diverging
Ans	X A. Magnetic flow meter	
	✓ B. Venturimeter	
	X C. Rotameter	
	X D. Bend meter	5
		Question ID : 10343511490 Status : Not Answered
		Chosen Option :
	Coefficient of curvature for well-graded soil should	d be:
	X A. infinity	
Ans		
Ans	✓ B. between 1 and 3	DE III
Ans	✓ B. between 1 and 3✓ C. more than 3	September 1100
Ans	✓ B. between 1 and 3	WELFEL ES CHILDS
Ans	✓ B. between 1 and 3✓ C. more than 3	
Ans	✓ B. between 1 and 3✓ C. more than 3	Question ID : 10343511481 Status : Not Answered
Ans	✓ B. between 1 and 3✓ C. more than 3	Question ID : 10343511481
	✓ B. between 1 and 3✓ C. more than 3✓ D. zero	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID: 10343511481 Status: Not Answered Chosen Option:
Q.146 Ans	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 ✓ B. IS: 456-2000 ✓ C. IS: 10500-2012 	Question ID: 10343511481 Status: Not Answered Chosen Option: elines for design of steel structures? Question ID: 10343511549
Q.146	 ✓ B. between 1 and 3 ✓ C. more than 3 ✓ D. zero Which of the following IS codes provides the guid ✓ A. IS: 1077-1997 	Question ID : 10343511481 Status : Not Answered Chosen Option : elines for design of steel structures?

Q.147 Which of the following methods is used for transporting concrete vertically up for multistorey building construction?

Ans

X A. Chute

X B. Belt conveyer

C. Skip and hoist

X D. Wheel barrow

Question ID : 10343511477
Status : Not Answered

Chosen Option: --

Q.148 Flexural rigidity of a structure is defined as:

Ans A. the product of values of Young's modulus of elasticity and first area of moment about neutral axis

X B. the product of values of rigidity modulus and second area of moment about neutral axis

C. the product of values of Young's modulus of elasticity and second area of moment about neutral axis

X D. the product of values of bulk modulus and second area of moment about neutral axis

Question ID : 10343511514 Status : Not Answered

Chosen Option: --

Q.149 A material has Young's modulus of 120 GPa and shear modulus of 50 GPa. Then what is the Poisson's ratio of the material?

Ans

✓ A. 0.2

X B. 0.4

X C. 0.1

X D. 0.3

Question ID : 10343511465 Status : Not Answered

Chosen Option: --

Q.150 The given data was obtained from a constant permeability test:

distance between piezometer tappings =100mm, difference of water level in piezometer =60 mm; cross-sectional area of the test sample= 100 mm², quantity of water collected = 300 ml and duration of the test= 150 seconds.

Find coefficient of permeability.

Ans

X A. 4.5 cm/s

✓ B. 3.3 cm/s

X C. 5.8 cm/s

X D. 5.3 cm/s

Question ID : 10343511484 Status : Not Answered

Chosen Option : --

Section: General Knowledge and Awareness

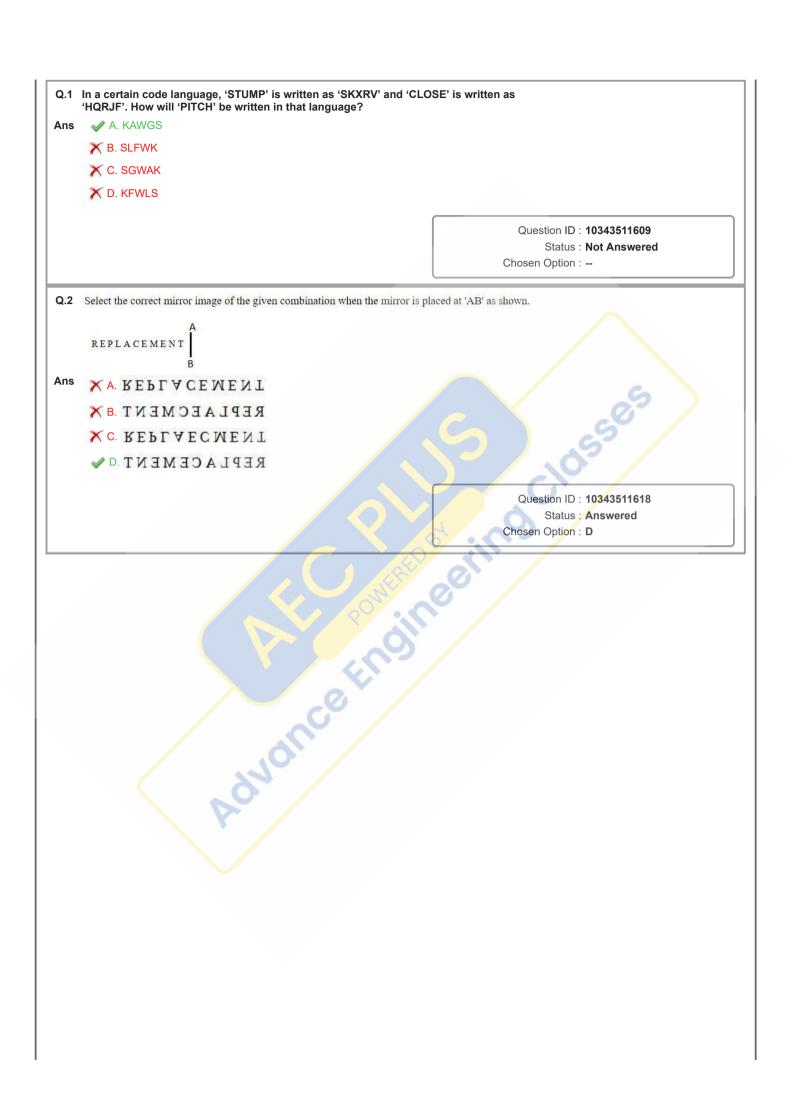
ne	Revolution. Which of the following is NOT one of them? A. Scheme on Fisheries Training and Extension	
Ans		
	X B. Integrated Scheme on Agricultural Cooperation	
	C. Sub-Mission on Agricultural Mechanisation	
	X D. National e-Governance Plan	
		Question ID : 10343511587
		Status : Answered
		Chosen Option : D
Q.2	On the tributary of which of the following rivers, is the Kish Project located?	anganga Hydroelectric
Ans	✓ A. Jhelum	
	X B. Yamuna	
	X C. Brahmaputra	
	X D. Indus	5
		Question ID : 10343511591
		Status : Not Answered
	Vitamin B2, which is naturally present in foods and available known as:	Status : Not Answered Chosen Option : le as a food supplement, is
		Status : Not Answered Chosen Option :
Q.3 Ans	known as: X A. niacin B. riboflavin C. tocopherol	Status : Not Answered Chosen Option :
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Q.4	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Q.4	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape. A. conical B. cubical C. spherical	Status: Not Answered Chosen Option: le as a food supplement, is Question ID: 10343511594 Status: Not Answered Chosen Option: Question ID: 10343511595
Ans	known as: A. niacin B. riboflavin C. tocopherol D. cobalamin Centriole is an organelle which is in shape.	Status: Not Answered Chosen Option: Le as a food supplement, is Question ID: 10343511594 Status: Not Answered Chosen Option:

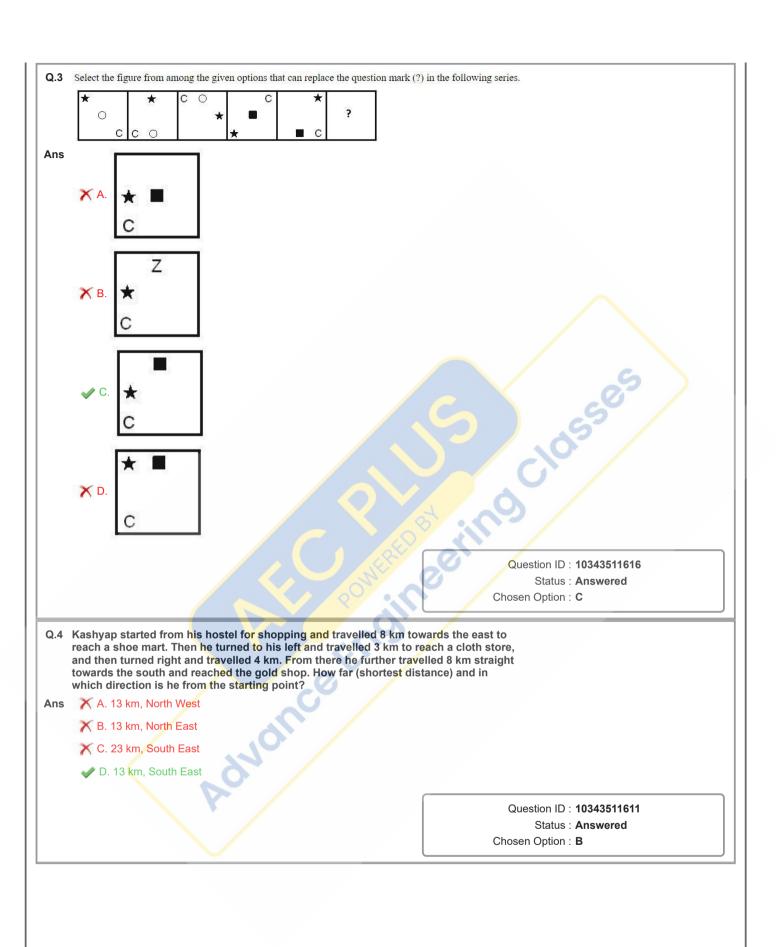
	X B. Uttar Pradesh	
	C. Bihar	
	X D. Karnataka	
		Question ID : 10343511583 Status : Answered
		Chosen Option : D
2.6	A Company's dividends were restricted to under the the Parliament of Great Britain.	Regulating Act, 1773, by
Ans	✓ A. 6%	
	X B. 4%	
	X C. 5%	
	X D. 7%	
	D. 170	
		Question ID : 10343511581
		Status : Answered
		Chosen Option: B
Q.7	Which of the following stupas is situated in Bihar?	
Ans	X A. Dhamek Stupa	A /
	X B. Maha Stupa	
	C. Shanti Stupa	
	✓ D. Kesariya Stupa	
	D. Nodanju Stapu	0
	20	Question ID : 10343511584
		Status : Not Answered
		Chosen Option :
Q.8	In which of the following years did Nagaland become the 13	th State of the Indian
	Union?	
Ans	X A. 1970	
	★ B. 1965	
	✓ C. 1963	
	X D. 1971	
	D.	
		Question ID : 10343511599
		Status : Not Answered Chosen Option :
		Onoscii Option

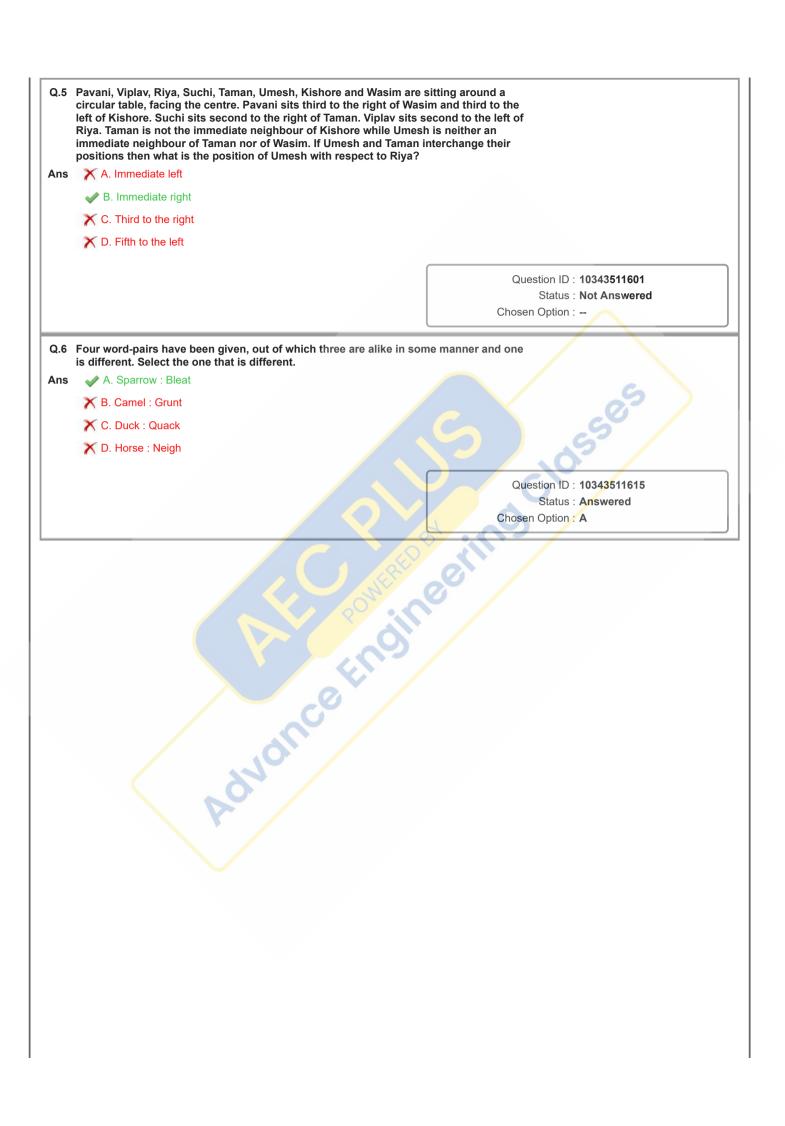
ns	X A. Charles Watson	
	X B. Warren Hastings	
	C. Robert Clive	
	X D. Margaret Maskelyne	
		Question ID : 10343511580 Status : Not Answered
		Chosen Option :
.10	Which of the following festivals is celebrated ma	inly in Rajasthan?
Ans	✓ A. Gangaur	
	X B. Navreh	
	X C. Ugadi	
	X D. Magha Saptami	6
		Question ID : 10343511585 Status : Answered
		Chosen Option : A
		Gilleon option. 17
Q.11	Which of the following states is the Bathudi tribe	mainly associated with?
Ans	X A. Arunachal Pradesh	
	X B. Tripura	
	C. Uttar Pradesh	
	✓ D. Odisha	
		Question ID : 10343511593
		Status : Answered
		Chosen Option : D
2.12	The average depth of alluvial deposits in the Indo	o-Ganga-Brahmaputra Plains ranges
	from:	3
Ans	X A. 2700-3000 m	
	➤ B. 2000-2700 m	
	✓ C. 1000-2000 m	
	X D. 2000-3000 m	
	00	
		Question ID : 10343511590
		Status : Answered Chosen Option : D

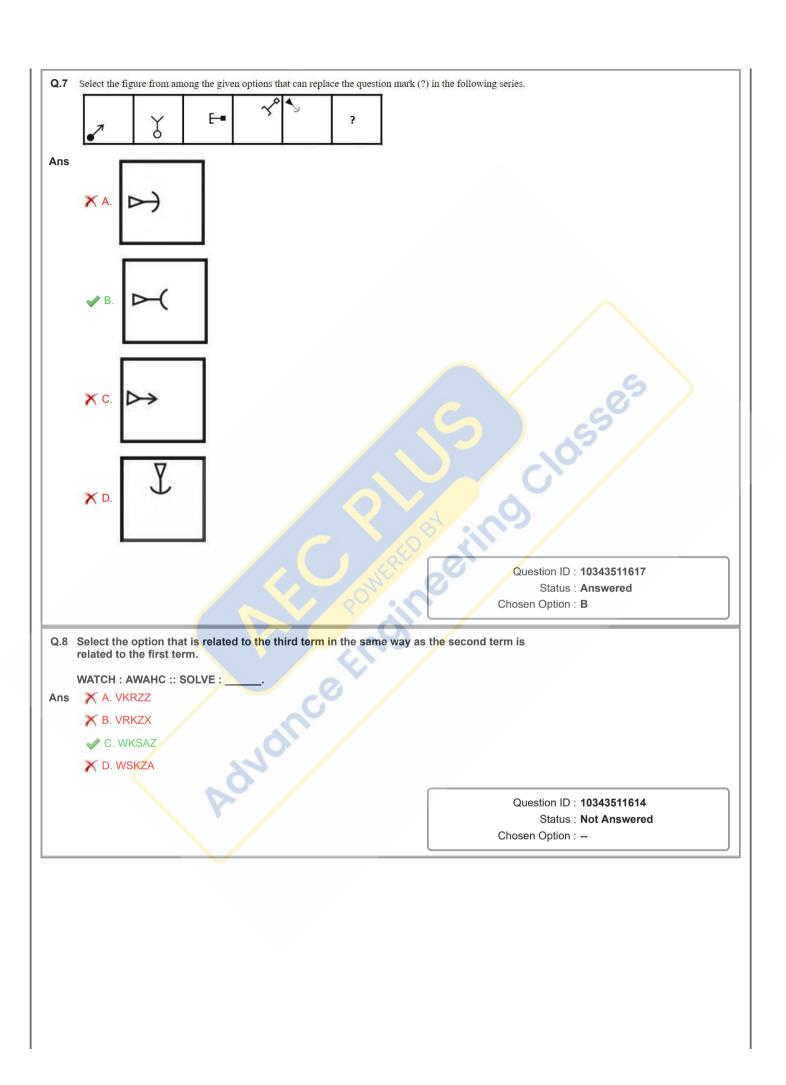
Q.13 Gulzarilal Nanda was the first Vice-Chairman of which of the following Commissions of India? X A. Competition Commission of India Ans X B. Space Commission X C. Finance Commission D. Planning Commission Question ID: 10343511586 Status: Not Answered Chosen Option: --Q.14 Which of the following nuclear power plants is located in Gujarat, India? A. Kakrapar Atomic Power Plant X B. Tarapur Nuclear Reactor X C. Kudankulam Nuclear Power Plant X D. Kaiga Atomic Power Plant Question ID: 10343511592 Status: Not Answered Chosen Option : --Q.15 Who among the following rulers introduced 'Gaz-i-Sikandari' of 39 digits or 32 inches, for the measurement of agricultural land? X A. Bahlol Lodhi Ans B. Sikandar Lodhi X C. Mubarak Shah X D. Razia Begum Question ID: 10343511582 Status: Not Answered Chosen Option: --Q.16 Which of the following digital payments networks is NOT involved in launching the 'Mahila Money Prepaid Card' to help women entrepreneurs? Ans X A. Visa X B. Mahila Money C. Rupay X D. Transcorp Prepaid Payment Instruments Question ID: 10343511589 Status: Answered Chosen Option : D

	Which of the following is called a dark funnel shape to the ground?	
Ans	A. Tornado	
	X B. Whirlpool	
	C. Thunderstorm	
	X D. Hurricane	
		Question ID : 10343511596 Status : Answered
		Chosen Option : C
).18	Which of the following Articles of the Indian Constit payment of taxes for promotion of any particular rel	
۱ns	X A. Article 20	
	✓ B. Article 27	
	C. Article 31	
	X D. Article 35	65
		Question ID : 10343511598
		Status : Answered
		Chosen Option : B
	The Panch Prayag, where river Alaknanda meets riv A. Rudraprayag B. Vishnuprayag	er Nandakini, is known as:
	★ A. Rudraprayag★ B. Vishnuprayag★ C. Devprayag	er Nandakini, is known as:
	★ A. Rudraprayag★ B. Vishnuprayag	er Nandakini, is known as:
	★ A. Rudraprayag★ B. Vishnuprayag★ C. Devprayag	Question ID : 10343511597
	★ A. Rudraprayag★ B. Vishnuprayag★ C. Devprayag	Question ID : 10343511597 Status : Not Answered
	★ A. Rudraprayag★ B. Vishnuprayag★ C. Devprayag	Question ID : 10343511597
Ans	 ★ A. Rudraprayag ★ B. Vishnuprayag ★ C. Devprayag ★ D. Nandprayag Zeta has partnered with which of the following finance	Question ID : 10343511597 Status : Not Answered Chosen Option :
Ans Ω.20	 ★ A. Rudraprayag ★ B. Vishnuprayag ★ C. Devprayag ★ D. Nandprayag Zeta has partnered with which of the following finance	Question ID : 10343511597 Status : Not Answered Chosen Option :
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Q.20	 ★ A. Rudraprayag ★ B. Vishnuprayag ★ C. Devprayag ★ D. Nandprayag Zeta has partnered with which of the following finant banks' credit processing? ★ A. Visa ★ B. American Express ★ C. Mastercard 	Question ID : 10343511597 Status : Not Answered Chosen Option :
Ans	 ★ A. Rudraprayag ★ B. Vishnuprayag ★ C. Devprayag ★ D. Nandprayag Zeta has partnered with which of the following finance	Question ID: 10343511597 Status: Not Answered Chosen Option:









Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Only a few lemons are wells.

Some lemons are vans.

All vans are cisterns.

Conclusions:

- I. Some cisterns are lemons.
- II. All wells being cisterns is a possibility.
- III. None of the van can be well.

Ans A. Both conclusions I and II follow.

- X B. Conclusions I, II and III follow.
- X C. Both conclusions II and III follow.
- X D. Both conclusions I and III follow.

Question ID : 10343511604 Status : Not Answered

Chosen Option: --

Q.10 In this question, the statement is followed by four conclusions. Find which conclusion is true based on the given statement.

Statement: $P \le Q < O \ge T$, $U > W \ge T$

Conclusions:

 $\mathsf{I.}\;\mathsf{U} \geq \mathsf{O}$

II. $W \le Q$

III. O >P IV. T ≥ U

Ano .

s

A. Only conclusion III is true.

X B. Conclusions I, II, III and IV are true.

C. Both conclusions I and IV are true.

X D. Both conclusions III and IV are true.

Question ID: 10343511605

Status : Answered

Chosen Option : A

Q.11 This question is based on the following 4-letter words.

TRIP CART NOTE JUST

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans

X A. One

B. None

X C. Two

X D. Three

Question ID: 10343511607

Status : Answered

Chosen Option: B

Q.12 In a certain code language, 'GLOVES' is coded as '328' and 'MAGIC' is coded as '306'. How will 'FLOWER' be coded in that language? X A. 294 X B. 249 ✓ C. 332 X D. 166 Question ID: 10343511610 Status: Answered Chosen Option: C Q.13 Refer to the following letter, number, symbol series and answer the question. (Left) A D ÷ U ∇ 7 H 4 ∀ 6 M Ø 2 Q B # 3 5 G * N 1 & Z @ 9 ! (Right) If all the numbers are dropped from the series, which of the following will be the tenth from the right? Ans ✓ A. Q. X B. # **X** C. ∀ X D. Ø Question ID: 10343511608 Status : Answered Chosen Option: A Q.14 Seven friends Anisha, Vinita, Govind, Rakul, Suvida, Guna and Manyak are watching a film. They are sitting in a row and facing North. Anisha is at one end of the row. Rakul is sitting fourth to the right of Anisha. Govind is sitting second to the right of Rakul, who is an immediate neighbour of Vinita and Suvida. Guna is sitting fifth to the left of Govind. If Guna and Manyak interchange their positions then what is the position of Guna with respect to Rakul? Ans X A. Second to the right B. Second to the left X C. Third to the right X D. Third to the left Question ID: 10343511600 Status: Answered Chosen Option : B Q.15 Padma is the mother of Vinamra who is the sister of Manvita. Vinamra is married to Bharath who is the son of Rajan. Karuna is the sister of Bharath who is the son of Sucheta. Karuna is married to Raghava and they have one son Deep and one daughter Niha. How is Niha related to Sucheta? X A. Paternal granddaughter X B. Daughter X C. Daughter-in-law D. Maternal granddaughter Question ID: 10343511612 Status: Answered Chosen Option : D

Q.16 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P_T_P_TQ_T_QPLT_PT_Q.

Ans XA.TQTQLPT

- ✓ B. TQLPTQT
- X C. PLTQQTT

X D. TTTQLPQ

Question ID: 10343511606

Status: Answered

Chosen Option: A

Q.17 At a bookstall, the shopkeeper has arranged seven different boxes K, L, M, N, O, P and Q one over the other but not necessarily in the same order. Each box contains some different articles pens, erasers, highlighters, sharpeners, pencils, markers and staplers but not necessarily in the same order. N is kept fifth from the top. Only one box is kept between N and K. Only two boxes are kept between P and Q. O is kept on one of the positions below Q. L is kept immediately below M. Q is kept fourth from the below. How many boxes are kept between M and O?

X A. 4 Ans

- **⊘** B. 3
- X C. 1
- X D. 2

Question ID: 10343511603

Status: Answered

Chosen Option : B

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series. Joince Endi

17, 30, 48, 73, 107, 152, ?

Ans X A. 179

X B. 201

X C. 197

✓ D. 210

Question ID: 10343511619

Status: Answered

Chosen Option : B

Q.19 A certain number of scientists are seated in a row in a press conference, facing north. Raghu sits eighth to the left of Tiwari. Only two scientists sit between Raghu and Viplav. Manju sits third to the right of Raghu. Only one scientist sits between Pritam and Sayod. Sayod sits to the immediate left of Tiwari. If no other scientist is sitting in the row, what is the total number of scientists seated in the row?

Ans X A. 11

- X B. 16
- X C. 14
- ✓ D. 12

Question ID: 10343511602

Status: Not Answered

Chosen Option: --

