

Uttar Pradesh Metro Rail Corporation Limited

उत्तर प्रदेश मेट्रो रेल कॉर्पोरेशन लिमिटेड

A joint Venture of Govt. of India and Govt. of Uttar Pradesh

Participant ID	
Participant Name	
Test Center Name	iON Digit al Zone iDZ Kuberpur
Test Date	02/01/2023
Test Time	9:00 AM - 11:00 AM
Subject	Assistant Manager Civil

Section: Domain Knowledge

Q.1 Identify the incorrect statement with respect to the effect of compaction on soil properties.

Ans An A. The permeability of soil is independent of individual pore size, rather it depends on the void ration.

X B. As the dry density increases due to compaction, the amount of voids goes on reducing and hence the permeability of soil decreases.

X C. For the same density, fine grained soil samples compacted dry of optimum are more permeable than those compacted wet of optimum.

X D. As the compactive effort is increased, the permeability of soil decreases because of the increased dry density.

Question ID: 486324316

Status: Answered

Chosen Option : \boldsymbol{C}

Q.2 Which of following surveys uses the observations of heavenly bodies (sun, moon, stars etc.) to fix the absolute locations of places on the surface of the earth?

Ans

A. Astronomical survey

X B. Hydrographic survey

X C. Cadastral survey

X D. Marine survey

Question ID: 486324365 Status: Answered

Chosen Option: A

Q.3 The coefficient of compressibility is defined as _____.

Ans X A. decrease in density per unit increase of pressure

✓ B. decrease in void ratio per unit increase of pressure

X C. increase in shear strength per unit increase of pressure

X D. increase in permeability per unit increase of pressure

Question ID: 486324317 Status: Answered

Chosen Option: B

Q.4 Which of the following method is a temperature-based method a overcome the non-availability of solar radiation data at many loca recommended estimating solar radiation from extraterrestrial ra	tions and		
Ans X A. Penman-Monteith Method			
X B. Pan Method			
✓ C. Hargreaves Method			
🗙 D. Thornthwaite Method			
	Question ID : 486324337 Status : Answered		
	Chosen Option : A		
Q.5 Which of the following does NOT come under domestic waste?			
Ans X A. Waste paper			
✗ B. Food waste			
✓ C. Anatomical wastes			
X D. Diapers			
	Ouestion ID : 486324357		
	Status : Answered		
	Chosen Option : C		
Q.6 What will be the value of the limiting moment of resistance facto reinforced rectangular section for flexure? The grade of concre			
steel is Fe500. Ans X A. 3.32			
★ B. 3.99			
★ C. 4.14			
✓ D. 4.47			
U. 4.47			
	Question ID : 486324303		
	Status : Answered		
	Chosen Option : C		
Q.7 In which year did Rankine investigate the stress condition in a so equilibrium?	il at a state of plastic		
Ans X A. 1657			
✓ B. 1857			
★ C. 1957			
X D. 1757			
	Question ID : 486324324		
	Status: Answered		
	Chosen Option : B		
Q.8 At the time of initial tensioning the maximum tensile stress imm anchorage shall NOT exceed of the ultimate tensile stren	Q.8 At the time of initial tensioning the maximum tensile stress immediately behind the		
Ans X A. 90%	5		
★ B. 60%			
✓ C. 40%			
➤ D. 80%			
1 5.00%			
	Question ID : 486324307		
	Status : Answered		
	Chosen Option : D		

Q.9 The elongation of a tapered bar of length 'I', whose diameter varies uniformly from 'd' at one end to 'D' at the other end when subjected to an axial pull of 'P', is given by: Ans \times A. 2PL / π EDd × c. PL / πEDd \times D. PL $/4\pi$ EDd Ouestion ID: 486324288 Status: Answered Chosen Option: B Q.10 Which of the following statements with respect to assumptions in the analysis of welded joints is INCORRECT? ✓ A. Effects of residual stresses, stress concentrations and shape of the welds are Ans considered. X B. The welds connecting the various parts of a steel structure are homogeneous and isotropic. X C. Stresses due to external loads are considered. X D. The parts connected by the weld are rigid and their deformations are therefore, neglected. Question ID: 486324313 Status: Answered Chosen Option: A Q.11 How much amount of mineral oil present in the supply of water for drinking will cause rejection? Ans X A. 0.001 mg/l X B. 0.1 mg/l ✓ C. 0.9 mg/l X D. 0.03 mg/l Question ID: 486324345 Status: Answered Chosen Option: D Q.12 Find the depth of the neutral axis of a 150 mm thick one way slab reinforced with an area of steel 400 mm², the effective cover is 25 mm using M20 concrete and Fe 500 steel. Ans X A. 14.37 mm X B. 10.00 mm **C. 24.16 mm** X D. 15.14 mm Question ID: 486324305 Status: Answered Chosen Option: D

Q.13 A homogeneous anisotropic earth dam, which is 23 m high, is constructed on an impermeable foundation. The water level on the reservoir side is 20 m from the base of the dam, downstream side is dry. It is seen that there are 4 flow channels and 16 equipotential drops in a square flow net drawn in the transformed dam section. Estimate the quantity of seepage per unit length in m³/s through the dam. Consider the value of the coefficient of permeability (after accounting the coefficient of permeability in both horizontal and vertical directions) as 3.0 × 10⁻⁸ m/s.

Ans

 \times A. 2.6 × 10⁻⁷ m³/s/m run

 \times B. 1.8 × 10⁻⁷ m³/s/m run

 \checkmark C. 1.5 × 10⁻⁷ m³/s/m run

 \times D. 1.2 × 10⁻⁷ m³/s/m run

Question ID: 486324320 Status: Answered

Chosen Option : C

Q.14 Which of following are water holding elements of the hydrological cycle?

I. Atmosphere

II. Vegetation

III. Streams, lakes and rivers

IV. Oceans

Ans X A. III and IV only

X B. I and II only

X C. II and III only

D. I, II, III and IV

Question ID: 486324340 Status: Answered

Chosen Option : D

Q.15 Rankine's theory overestimates active pressure and underestimates passive pressure because:

Ans X A. it assumes lateral transfer of weight

X C. it assumes vertical and horizontal stresses

X D. it assumes shear stresses

Question ID: 486324325

Status: Answered

Chosen Option: C

Q.16 In a partial submerged body, the metacentre (M) point is formed when the line of action of buoyant force intersects with normal axis _____.

Ans X A. before rotation

B. after rotation

X C. before and after rotation

X D. after immersion

Question ID: 486324329

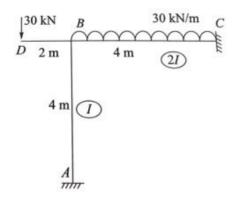
Status: Answered

Chosen Option : C

ns	X A. concurrent		
	X B. equilibrium		
	✓ C. coplanar		
	X D. zero		
		0 11 10 1010100	
		Question ID : 486324282 Status : Answered	
		Chosen Option : C	
	Identify the method of surveying in which distance can be measure optical surveying instruments like theodolites. The method is quite sufficiently accurate for many types of surveying operations.	d indirectly by e rapid and	
Ans	X A. Electronic distance measurement		
	X B. Taping (chaining)		
	✓ C. Tachometry		
	X D. Odometer of a vehicle		
		Question ID: 486324370	
		· ·	
		Status : Answered	
Q.19 Ans	The total amount of irrigation water required to bring the soil moist root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: **A. bulk water requirement*	Status : Answered Chosen Option : C ure content in the een the field	
	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicater, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement	Status : Answered Chosen Option : C ure content in the een the field	
	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicate, is known as: **A. bulk water requirement* **B. net irrigation requirement*	Status : Answered Chosen Option : C ure content in the een the field	
	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicater, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation	
	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicater, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement	Status : Answered Chosen Option : C ure content in the een the field	
	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicater, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application and the soil moisture content in the root zone before application, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before applicater, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application as: X A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM B. SW	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X. A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X. A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM B. SW C. GW	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X. A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM B. SW C. GW	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater il is classified as	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X. A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM B. SW C. GW	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater il is classified as Question ID : 486324314 Status : Answered	
Ans	root zone depth of the crops to field capacity i.e., difference betwee capacity and the soil moisture content in the root zone before application, is known as: X. A. bulk water requirement B. net irrigation requirement C. gross water requirement D. average irrigation requirement As per IS soil classification, if the coefficient of uniformity of a soil than 6 and the coefficient of curvatures lies between 1 to 3, the so A. GM B. SW C. GW	Status : Answered Chosen Option : C ure content in the een the field ication of irrigation Question ID : 486324339 Status : Answered Chosen Option : B sample is greater il is classified as	

Q.21	21 Which of the following is the correct unit of measurement for 'flexibility coefficients' used in the analysis of structures by the flexibility method?		
Ans	X A. N/mm		
	✓ B. mm/N		
	★ C. N/mm ²		
	X D. N-mm		
		0 11 15 1010101	
		Question ID : 486324294 Status : Answered	
		Chosen Option : D	
0.22	A seconding to 1 welves we and plan the metional highway covers again	abasild be	
Ans	According to Lucknow road plan, the national highway square grid \checkmark A. 100 km^2	Siloulu be	
	X B. 25 km²		
	X C. 75 km²		
	X D. 50 km²		
	D. 30 Kill		
		Question ID : 486324359	
		Status : Answered Chosen Option : D	
		oneschi option. D	
Q.23	The lodometric test is used for water when the presence of	_ and makes	
Ans	the orthotolidine test unstable. X A. sodium, chlorine		
	X B. bromine, benzene		
	✓ C. nitrate, nitrogen		
	X D. sulphur, iron		
	, Sissiphan hou		
		Question ID : 486324351	
		Status : Answered Chosen Option : A	
		oneschi option. A	
Q.24	According to the bending equation, the cross-section of a beam \boldsymbol{c}	loes NOT have:	
Ans	X A. resultant pull		
	X B. resultant push		
	C. resultant push or pull		
	X D. resultant force		
		Question ID : 486324286	
		Status : Answered	
		Chosen Option : C	
0.25	The measure of the capability of some minerals to split along cert	ain planes parallel to	
	the crystal faces is known as:		
Ans	✓ A. cleavage A. cleavage		
	X B. fracture		
	X C. streak		
	X D. lustre		
		Question ID : 486324298	
		Status : Answered	
		Chosen Option : A	

Q.26 Identify the number of kinematic indeterminacies to be determined in the frame shown in the given figure.



Ans

- ✓ A. 1
- **X** B. 3
- X C. 2
- X D. 0

Question ID: 486324295

Status: Answered

Chosen Option: B

Q.27 Identify the type of piles that have a helix near the pile toe so they can be screwed into the ground. The process and concept is similar to screwing into wood.

Ans

- A. Screw piles
- X B. Micro piles
- X C. Geothermal piles
- X D. Bored piles

Question ID: 486324323

Status: Answered

Chosen Option : ${\bf A}$

- Q.28 Which of following factors are to be considered while choosing from a very wide range of foundation types?
 - I. The nature of the load requiring support.
 - II. The presence of water table.
 - III. Durability of the materials.

Ans

- A. I, II and III
- X B. Only II and III
- X C. Only I and III
- X D. Only I and II

Question ID: 486324321

Status: Answered

Chosen Option : A

Q.29 What is the maximum concentration of Zinc (as Zn) present in drinking water in the absence of an alternate source as per IS 10500-2012?

Ans

- X A. 10 mg/l
- X B. 11 mg/l
- ✓ C. 15 mg/l
- X D. 25 mg/l

Question ID: 486324346

Status : Answered

Chosen Option : A

Q.30 Which of following are the objectives of reconnaissance? I. To ascertain the possibility of building or constructing route or track through the II. To choose the best one or more routes and record on a map. III. To estimate probable cost and draft a report. X A. Only II and III X B. Only I and II C. I, II and III X D. Only I and III Question ID: 486324366 Status: Answered Chosen Option : ${\bf C}$ Q.31 The number of equations of static equilibrium for a three dimensional system is: Ans X A. 9 X B. 0 X C.3 **✓** D. 6 Question ID: 486324292 Status: Answered Chosen Option : D Q.32 Which of the following is NOT the assumption in Terzaghi's theory of one-dimensional consolidation? Ans X A. The soil is fully saturated. X B. Soil particles are incompressible. X C. Excess pore water drains out only in the vertical direction. D. Darcy's law of the velocity of the flow of water through soil is not valid. Question ID: 486324318 Status: Answered Chosen Option : B Q.33 As per IS 800: 2007, what is the maximum slenderness ratio for tension members (Eg. tie in roof truss) and subjected to reversal of stresses due to action of the wind or earthquake forces? X A. 415 Ans X B. 150 X C. 270 **D**. 350 Question ID: 486324310 Status: Answered Chosen Option: D

Q.34	.34 Which of the following Rainfall Abstractions is a Portion of precipitation that is captured		
Ans	in surface depression?		
	X B. Interception		
	X C. Transpiration		
	X D. Evaporation		
	D. Evaporation		
		Question ID : 486324333	
		Status : Answered	
		Chosen Option : A	
Q.35	5 Estimation of quantity for 'Collapsible steel shutter with a fitting' is done in which of the following units of measurement?		
Ans	X A. m		
	✓ B. m ²		
	X C. m ³		
	X D. Quintal		
		Question ID : 486324300	
		Status : Answered Chosen Option : B	
		enecen epitem: 2	
Q.36	In a submerged body, when the weight of a body is equal to the buccentre of buoyancy is above the centre of gravity, then such a subm		
Ans	X A. in unstable condition		
	X B. in equilibrium		
	✓ C. in stable equilibrium		
	X D. not in equilibrium condition		
	D. Hot in equilibrium condition		
		Question ID : 486324332	
		Status : Answered	
		Chosen Option : C	
0.37	Which of following statements is NOT correct regarding application	s in engineering?	
Ans	X A. Hydrology is an indispensable tool in planning and building hyd		
	X B. Engineering hydrology enables us to find the relationship between	en a catchment's	
	surface water and groundwater resources.		
	C. Hydrology is used to find minimum probable flood at the propo		
	X D. Used in the prediction of flood over a spillway, at highway culve drainage.	rt or in urban storm	
		Question ID : 486324342	
		Status : Answered	
		Chosen Option : B	
Q.38	As per IS1343:1980, the approximate value of shrinkage strain for pre-tensioning will be given by:	design assumed for	
Ans	✓ A. 0.0003		
	★ B. 0.0005		
	★ C. 0.0002		
	X D. 0.0007		
	* \		
		Question ID : 486324306	
		Question ID : 486324306 Status : Answered Chosen Option : C	

Ans	Q.39	39 On a highway, the car moves at a speed of 120 km/h and the truck moves at a speed of 60 km/h. Calculate the space mean speed.		
X 8. 60 km/h X 0. 120 km/h X 0. 120 km/h X 0. 70 km/h Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324360 Status : Answered Chosen Option : B Question ID : 486324283 Status : Answered Chosen Option : B Question ID : 486324283 Status : Answered Chosen Option : B Question ID : 486324283 Status : Answered Chosen Option : B Question ID : 486324383 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324302 Status : Answered Chosen Option : C Question ID : 486324304 Status : Answered Chosen Option : C Question ID : 486324304 Status : Answered Chosen Option : C Question ID : 486324304 Status : Answered Chosen Option : C Question ID : 486324304	Ans			
C. 120 km/h D. 70 km/h C. 120 km/h C. 120 km/h D. 70 km/h C. 20 km/h C.				
Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324360 Status : Answered Chosen Option : A Question ID : 486324383 Status : Answered Chosen Option : B Question ID : 486324283 Status : Answered Chosen Option : B Question ID : 486324283 Status : Answered Chosen Option : B Question ID : 486324303 Status : Answered Chosen Option : B Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334 Status : Answered Chosen Option : C Question ID : 486324334				
Question ID: 486324346 Question ID: 486324346 Question ID: 486324346 Question ID: 486324346 Question ID: 486324344 Question ID: 486324340 Question ID: 486324344				
Q.40 A body of weight 300 N is lying on a rough horizontal plane having a coefficient of friction as 0.3. What is the magnitude of the force, which can move the body, while acting at an angle of 25° with the horizontal? Ans		D. 70 KIII/II		
Q.40 A body of weight 300 N is lying on a rough horizontal plane having a coefficient of friction as 0.3. What is the magnitude of the force, which can move the body, while acting at an angle of 25" with the horizontal? Ans			Question ID : 486324360	
Q.40 A body of weight 300 N is lying on a rough horizontal plane having a coefficient of friction as 0.3. What is the magnitude of the force, which can move the body, while acting at an angle of 25' with the horizontal? Ans				
friction as 0.3. What is the magnitude of the force, which can move the body, while acting at an angle of 25 with the horizontal? Ans			Chosen Option : A	
X B. 67.1 N X C. 60.1 N X D. 80.1 N Question ID: 486324283 Status: Answered Chosen Option: B Q.41 Pan coefficient is defined as the: Ans A ratio of lake evaporation to pan evaporation X B. ratio of pan transpiration to lake transpiration X C. ratio of pan evaporation to lake evaporation X D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans X A. 0.0035 and 0.447 X B. 0.001 and 0.002 Y C. 0.002 and 0.0035 X D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X C. Distribution efficiency Y C. Distribution efficiency Y D. Conveyance efficiency Question ID: 486324344	Q.40	friction as 0.3. What is the magnitude of the force, which can move	a coefficient of e the body, while	
Question ID : 486324344	Ans	✓ A. 87.1 N		
Question ID: 486324283 Status: Answered Chosen Option: B Q.41 Pan coefficient is defined as the: Ans A ratio of lake evaporation to pan evaporation X B. ratio of pan transpiration to lake transpiration X C. ratio of pan evaporation to pan transpiration X D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a Ans X A. 0.0035 and 0.447 X B. 0.001 and 0.002 X C. 0.002 and 0.0035 X D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency X D. Conveyance efficiency Question ID: 486324344		★ B. 67.1 N		
Q.41 Pan coefficient is defined as the: Ans A ratio of lake evaporation to pan evaporation		X C. 60.1 N		
Q.41 Pan coefficient is defined as the: Ans A ratio of lake evaporation to pan evaporation		X D. 80.1 N		
Q.41 Pan coefficient is defined as the: Ans				
Q.41 Pan coefficient is defined as the: Ans A ratio of lake evaporation to pan evaporation X B. ratio of pan transpiration to lake transpiration X C. ratio of pan evaporation to lake evaporation X D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: X A. 0.0035 and 0.447 X B. 0.001 and 0.002			·	
Q.41 Pan coefficient is defined as the: Ans A. ratio of lake evaporation to pan evaporation X. B. ratio of pan transpiration to lake transpiration X. C. ratio of pan evaporation to pan transpiration X. D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans X. A. 0.0035 and 0.447 X. B. 0.001 and 0.002 A. C. 0.002 and 0.0035 X. D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X. A. Irrigation system efficiency X. B. Field application efficiency X. C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344				
Ans A. ratio of lake evaporation to pan evaporation X. B. ratio of pan transpiration to lake transpiration X. C. ratio of pan evaporation to lake evaporation X. D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans X. A. 0.0035 and 0.447 X. B. 0.001 and 0.002 X. C. 0.002 and 0.0035 X. D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? X. A. Irrigation system efficiency X. C. Distribution efficiency X. C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344			Shooth option . B	
X B. ratio of pan transpiration to lake transpiration X C. ratio of pan evaporation to lake evaporation X D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans X A. 0.0035 and 0.447 X B. 0.001 and 0.002 ✓ C. 0.002 and 0.0035 X D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency ✓ D. Conveyance efficiency Question ID: 486324344	Q.41	Pan coefficient is defined as the:		
C. ratio of pan evaporation to lake evaporation D. ratio of lake transpiration to pan transpiration Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans X A. 0.0035 and 0.447 X B. 0.001 and 0.002 C. 0.002 and 0.0035 X D. 0 and 0.001 Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344	Ans	✓ A. ratio of lake evaporation to pan evaporation		
Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans		X B. ratio of pan transpiration to lake transpiration		
Question ID: 486324334 Status: Answered Chosen Option: C Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans		X C. ratio of pan evaporation to lake evaporation		
Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans		X D. ratio of lake transpiration to pan transpiration		
Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans				
Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans			·	
Q.42 The ultimate strain in concrete under axial compression and flexure is restricted to a range between: Ans				
range between: Ans			опосын ориант с	
X B. 0.001 and 0.002 ✓ C. 0.002 and 0.0035 X D. 0 and 0.001 Question ID : 486324302 Status : Answered Chosen Option : C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency ✓ D. Conveyance efficiency Question ID : 486324344	Q.42	range between:	re is restricted to a	
Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344	Ans			
Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans A. Irrigation system efficiency B. Field application efficiency C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344		X B. 0.001 and 0.002		
Question ID: 486324302 Status: Answered Chosen Option: C Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans X A. Irrigation system efficiency X B. Field application efficiency X C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344		✓ C. 0.002 and 0.0035		
Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans		X D. 0 and 0.001		
Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans A. Irrigation system efficiency B. Field application efficiency C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344			Outpotion ID + 406224202	
Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans			·	
river diversion, or pumping station to the offtakes of the distributary system? Ans A. Irrigation system efficiency B. Field application efficiency C. Distribution efficiency D. Conveyance efficiency Question ID: 486324344				
		Q.43 Which of following is the efficiency of canal and conduit networks from the reservoir, river diversion, or pumping station to the offtakes of the distributary system? Ans		
Chosen Option : D			Status : Answered	

Q.44 Which of the following statements is correct?

Statement A: minimum reinforcement in either direction of the slab should not be less than 0.15% of the total cross-section area of mild steel reinforcement. Statement B: The maximum diameter of the reinforcing bar in the slab should not exceed 1/6 of the total thickness of the slab.

Ans X A. Only statement B is correct.

X B. Both statements are incorrect.

X C. Both statements are correct.

D. Only statement A is correct.

Question ID: 486324304 Status: Answered

Chosen Option: C

Q.45 It consists of solid particles formed by incomplete combustion of carbonaceous materials. It is known as _____.

Ans X A. fume

X B. mist

C. smoke

X D. spray

Question ID: 486324355 Status: Answered

Chosen Option: C

Q.46 Calculate the quantity of bleaching powder required per day for disinfection of 4 million litres/day. Chlorine dosage has to be 0.5 ppm and bleaching powder contains 30% of available chlorine.

Ans X A. 5 kg

X B. 8.5 kg

✓ C. 6.67 kg

X D. 12 kg

Question ID: 486324350

Status: Answered

Chosen Option : C

Q.47 Which of the following statements is/are correct or incorrect with respect to two hinged arches?

Statement A: In the analysis of indeterminate structures by the slope deflection method, the deformations are considered to be caused by the combined effect of bending moment and shear forces.

Statement B: In the analysis of indeterminate structures by the slope deflection method, the deformations are considered to be caused by the combined effect of bending moment and axial forces.

Ans A. Both statements are incorrect

X B. Both statements are correct

X C. Statement A is correct and B is incorrect

X D. Statement B is correct and A is incorrect

Question ID: 486324296

Status: Answered

Chosen Option : A

Q.48 According to the bending equation, the cross-sectional beam strength mainly depends on: Ans X A. the radius of gyration B. the section modulus X C. the beam geometry X D. both the section modulus and the radius of gyration Question ID: 486324290 Status: Answered Chosen Option: B Q.49 Which of the following statements is/are true or false? I. The purpose of working from whole to part is to localise the errors. II. The purpose of working from whole to part is to control the accumulation of errors. Ans X A. I is true but II is false X B. Both I and II are false C. Both I and II are true X D. II is true but I is false Question ID: 486324367 Status: Answered Chosen Option: C Q.50 Which of the following statements is INCORRECT with respect to Vane shear test on Ans A. Vane shear test determines the drained shear strength of cohesive soil. X B. A torque measuring arrangement, such as a calibrated torsion spring, is attached to the rod which is rotated by a worm gear and worm wheel arrangement. X C. Vane shear test is a quick test, used either in the laboratory or in the field. X D. The Vane shear tester consists of four thin steel plates (Vanes), welded orthogonally to a steel rod. Question ID: 486324319 Status: Answered Chosen Option: A Q.51 Which of the following tests is used to check for faecal contamination? A. Membrane filter test X B. MicroSnap test X C. Presumptive test X D. Confirmed test Question ID: 486324347 Status: Answered Chosen Option: B Q.52 Which of the following methods is NOT used for finding the deflections of determinate beams? 💢 A. Conjugate beam method Ans B. Kani's method X C. Moment area method X D. Castigliano's method Question ID: 486324291

Status: Answered

Chosen Option: B

Q.53	Q.53 Which of the following terms is used to designate the losses due to Evapotranspiration and water that is used for the metabolic activities of plants?		
Ans	🗡 A. Regional use		
	X B. Reference use		
	C. Consumptive use		
	X D. Estimated use		
		0	
		Question ID: 486324336 Status: Answered	
		Chosen Option : C	
0.54	If a ship is safe in rolling, it will also be safe in:		
Ans	✓ A. pitching		
	X B. yawning		
	X C. floating and pitching		
	X D. floating		
		Question ID : 486324328	
		Status : Answered Chosen Option : B	
Q.55	Potential evapotranspiration, or PET, represents the combination	ned loss of water through:	
Ans	• • • • • • • • • • • • • • • • • • • •		
	X B. Statement I is true but statement II is false.		
	C. Both statements I and II are true.		
	X D. Both statements I and II are false.		
		Question ID: 486324338	
		Status : Answered	
		Chosen Option : C	
Q.56	The point of action of buoyancy force is called		
Ans	X A. critical point		
	X B. centre of object exposed in air		
	X C. centre of object immersed in liquid		
	✓ D. centre of buoyancy		
		Question ID: 486324327	
		Status : Answered	
		Chosen Option : D	
0.57	Which of the fellowing is NOT a type of growity corretors?		
Q.57	Which of the following is NOT a type of gravity aerators? A. Diffuser aerator		
	X B. Salt tray aerator		
	X C. Inclined apron aerator		
	X D. Cascade aerator		
	•,		
		Question ID : 486324349	
		Status : Answered	
		Chosen Option : A	

Q.58	Tuberculation is caused when the water has a pH value of:	
Ans	X A. 14	
	X B.11	
	★ C. 9	
	✓ D. 2	
		Question ID : 486324348
		Status : Answered Chosen Option : B
		Chosen Option . B
Q.59	ABCD is a square. Forces of 10, 8 and 4 units act at A in the direction	
	respectively. Determine the resultant force in magnitude and direc	tion.
Ans		
	X B. 15.39 units	
	✓ C. 18.39 units	
	X D. 17.39 units	
		Question ID : 486324285 Status : Answered
		Chosen Option : A
Q.60	Which term is used to describe the load carrying capacity of a syste expected or actual loads, and can be defined as the ratio of the maximum	
Ans	foundation can withstand to the maximum stress estimated for it? A. Ultimate bearing capacity	
Alla		
	→ B. Factor of safety ■ Company of the safety of the	
	X C. Shearing resistance	
	X D. Load bearing capacity	
		0
		Question ID : 486324322 Status : Answered
		Chosen Option : B
Q.61	Which of the following amount of cement is used for the testing of cement as suggested in IS: 4031 Part-1 (1996)?	the fineness of the
Ans	X A. 500 gm	
	X B. 50 gm	
	X C. 200 gm	
	✓ D. 100 gm	
		Question ID : 486324299
		Status : Answered
		Chosen Option : D
Q.62 Ans	When the roughness of plate increases, the length of the laminar row. A. never increases	egion:
	X B. never decreases	
	✓ C. decreases	
	X D. increases	
	#\ D. Horeases	
		Question ID : 486324331
		Status : Answered
		Chosen Option : D

Q.63 When both the ends of a column are fixed, the effective length of the column is:

Ans A. 0.5 times the column length

X B. 1.5 times the column length

X C. 2 times the column length

X D. the same as the column length

Question ID: 486324287 Status: Answered

Chosen Option : A

Q.64 Which of following crops is NOT classified as a Rabi crop?

Ans 🕜 A. Muskmelon

X B. Mustard

X C. Chickpea

X D. Fenugreek

Question ID : 486324343 Status : Answered

Chosen Option : A

Q.65 According to IRC 37-2018, the critical compressive strain occurs at the:

Ans X A. top of the bituminous layer

B. top of the sub-grade layer

X C. bottom of the bituminous layer

X D. bottom of the sub-grade layer

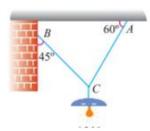
Question ID : 486324361

Status : **Answered**

Chosen Option : B

Q.66 An electric light fixture weighing 15 N hangs from a point C, by two strings AC and BC.

The string AC is inclined at 60° to the horizontal while BC is inclined at 45° to the vertical, as shown in the figure. Determine the force in the string AC.



Ans X A. 5.61 N

X C. 5.68 N

X D. 9.98 N

Question ID: 486324284 Status: Answered

Chosen Option : B

Q.67 Which of the following is NOT an impact of noise pollution? Ans X A. Hearing damage X B. Physiological and psychological changes X C. Interferes with man's communication D. Low visibility Question ID: 486324353 Status: Answered Chosen Option: D Q.68 Identify the INCORRECT statement with respect to shape factors used for different geometrical shapes used in the plastic analysis. Ans X A. Deflection at the collapse of a section with shape factor 1.7 is greater than that with shape factor 1.5. X B. The shape factor of a rectangular section is 1.5. C. The ductility of a section with a shape factor of 1.5 is greater than that with a shape factor of 2.34. X D. Cross sections with a greater value of shape factor give longer warning before the collapse. Question ID: 486324312 Status: Answered Chosen Option: C Q.69 When the water flows in the uniform condition, which of the following parameters remains constant? Ans X A. Velocity of flow, depth of flow and area of cross-section X B. Depth of flow, slope of bed and area of cross-section C. Velocity of flow, depth of flow, slope of bed and area of cross-section X D. Velocity of flow, slope of bed and area of cross-section Question ID: 486324330 Status: Answered Chosen Option: A Q.70 The thickness of the wearing course having aggregate passing 1.9 cm sieve according to the McAdams road is: X A. 2.5 cm Ans X B. 7.5 cm X C. 10 cm D. 5.0 cm Question ID: 486324358 Status: Answered Chosen Option : B Q.71 Which of following is a function of percussion drivers? X A. Hydraulic rams pushing piles into the ground X B. Using to screw replacement piles into the ground X C. Piles are vibrating into the ground D. Hammers driving by steam, compressed air or diesel Ouestion ID: 486324326

Status: Answered

Chosen Option: A

 $Q.72\,$ The area of Maharashtra is 3,08,000 km 2 . The number of towns is 276 and villages is 41,833. Calculate the total length of all categories of the road according to the Lucknow plan. X A. 2,99,597 km Ans X B. 1,79,597 km X C. 1,89,597 km ✓ D. 1,99,597 km Question ID: 486324363 Status: Answered Chosen Option: C Q.73 Calculate the consistency index of a soil sample whose liquid limit, plastic limit and water content are found to be 52%, 20% and 40%, respectively. X A. 20.0% Ans X C. 57.5% X D. 85.0% Question ID: 486324315 Status: Answered Chosen Option: C Q.74 According to IRC 37-2018, the following relationships may be used to estimate the resilient modulus of subgrade soil (MRS) for the CBR value greater than 5% is: ✓ A. 17.6 * (CBR)^{0.64} Ans X B. 10.0 * (CBR)^{0.64} X C. 17.6 * (CBR) X D. 10.0 * CBR Question ID: 486324362 Status: Answered Chosen Option: A Q.75 A 100 m tape is held 1.5 m out of line. What is the true length? ✓ A. 99.989 m X B. 89.989 m X C. 79.989 m X D. 69.989 m Question ID: 486324369 Status: Answered Chosen Option: B Q.76 Which of following components consists of a prism with a sighting slit at the top and the prism magnifies and erects the inverted graduations? Ans X A. Compass box X B. Graduated ring C. Object vane X D. Pivot Ouestion ID: 486324368 Status: Answered Chosen Option: C

Ans X A. Halogen compound X B. Sulphur dioxide X C. Nitrogen oxide D. Formaldehyde Question ID: 486324354 Status: Answered Chosen Option: D Q.78 Determine the capacity of a single-lane (unidirectional) road of a rural highway in India for a design speed of 50 km/h. The average length of the car can be taken as 5 m. The braking time was taken as 2.5 seconds and the co-efficient of friction was assumed to be 0.5. Ans A. 840 vehicles per hour per lane X B. 720 vehicles per hour per lane X C. 500 vehicles per hour per lane X D. 635 vehicles per hour per lane Question ID: 486324364 Status: Answered Chosen Option : A Q.79 What is the type of Steel with a carbon content between 0.70 to 1.5%? A. High carbon steel X B. Medium carbon steel X C. Alloy steel X D. Low carbon steel Question ID: 486324301 Status: Answered Chosen Option: B Q.80 Which of the following non-modular sizes of bricks is available for use as per IS1077.1992? X A. 230 × 110 × 110 mm³ \times B. 190 × 90 × 40 mm³ \times C. 190 × 90 × 90 mm³ D. 230 × 110 × 70 mm³ Question ID: 486324297 Status: Answered Chosen Option: A Q.81 Calculate the horizontal force at the lowest point of a cable whose supports are at the same level. Take maximum tension force in the cable at the vicinity of support 56.5 kN and vertical support reaction at A is 45 kN. X A. 22.58 kN X B. 36.86 kN C. 34.16 kN X D. 46.78 kN Question ID: 486324293 Status: Answered Chosen Option: B

Q.77 Which of the following is NOT a primary air pollutant?

Q.82 Which of the following type of failure in tension members is characterised by the tearing out of a segment of material at the end of a member for certain connection configurations and in coped beams? X A. Torsional buckling failure X B. Net section failure C. Block shear failure D. Gross section failure Question ID: 486324309 Status: Answered Chosen Option: C Q.83 What are the dimensions of the modified Class A evaporation pan classified by IS: 5973-1970? Ans A. 1220 mm diameter and 255 mm depth X B. 1320 mm diameter and 155 mm depth X C. 1520 mm diameter and 355 mm depth X D. 1020 mm diameter and 225 mm depth Question ID: 486324335 Status: Answered Chosen Option: C Q.84 Structural steel forms neck before it breaks. Neck formation starts: A. at ultimate strength X B. before limits of proportionality X C. before ultimate strength X D. after yield strength Question ID: 486324289 Status: Answered Chosen Option: C Q.85 As per IS 800: 2007, the shear lag factor(K4) used to calculate the effective net area of a tension member is equal to $___$ for the number of bolts less than or equal to 2. Ans X A. 0.90 X B. 0.1 X C. 0.25 ✓ D. 0.60 Question ID: 486324308 Status: Answered Chosen Option: A Q.86 Which of following is defined as the ratio between the water that reaches a farm or field and that diverted from the irrigation water source? Ans X A. Storage efficiency B. Water conveyance efficiency X C. Water distribution efficiency X D. Water use efficiency Question ID: 486324341 Status: Answered Chosen Option : D

Q.87 Which of the following is the correct Noise Standards Recommended by CPCB (Central Pollution Control Board) Committee? Ans X A. 75 dB in residential area at day time ✓ B. 75 dB in industrial area at day time X C. 75 dB in silence zone area at night time X D. 75 dB in residential area at night time Question ID: 486324356 Status: Answered Chosen Option: A Q.88 When the body is cut into two halves, the surface between both the sections was curved. The force distribution on the body is: X A. uniform Ans X B. coplanar C. continuous X D. non-uniform Question ID: 486324281 Status: Answered Chosen Option: D Q.89 Choose the correct statement. Statement A: Fossil fuel burning comes under natural pollution. Statement B: Photochemical oxidation of terpenes comes under natural pollution. X A. Both statements A and B are incorrect. Ans B. Both statements A and B are correct. X C. Only statement B is correct. X D. Only statement A is correct. Question ID: 486324352 Status: Answered Chosen Option: B Q.90 Calculate the tensile strength due to gross yielding of an angle ISA 150 × 150 × 10mm, made of Fe 410 grade steel. Take, partial safety factor as 1.1 and gross section area $(Ag) = 2903 \text{ mm}^2.$ Ans X A. 449.47 kN X B. 789.44 kN X C. 524.98 kN ✓ D. 659.77 kN Question ID: 486324311

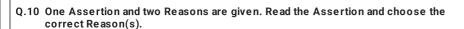
Status: Answered

Chosen Option : B

Section: Quantitative Aptitude and Logical Ability

Q.2 Am but Stat Stat Stat Stat	A. 2.3 (B. 3.4 (C. 2.6 (D. 3.1) Interpretation of the following statements, two are related in such a way to both cannot be false. Which are those two statements? The statement II: All wizards are wise statement III: No wizards are wise statement III: No wizard is wise statement IV: Some wizards are not wise A. Statement III and IV (B. Statement III and III (C. Statement II and III (D. Statement I and III	Question ID : 486324380 Status : Answered Chosen Option : C ay that both can be true
Q.2 Am but Stati Stati Stati Stati	C. 2.6 D. 3.1 Inong the following statements, two are related in such a wat both cannot be false. Which are those two statements? The statement II: All wizards are wise statement III: No wizards are wise statement III: No wizard is wise statement IV: Some wizards are not wise A. Statement III and IV B. Statement III and IV C. Statement III and III	Status : Answered Chosen Option : C
Q.2 Am but Stati Stati Stati Stati	nong the following statements, two are related in such a weat both cannot be false. Which are those two statements? The statement II: All wizards are wise statement III: No wizards are wise statement IV: Some wizards are not wise statement IV: Some wizards are not wise with A. Statement III and IV B. Statement III and III C. Statement III and III	Status : Answered Chosen Option : C
Q.2 Am but Start S	nong the following statements, two are related in such a we tooth cannot be false. Which are those two statements? The statement I: All wizards are wise statement II: Some wizards are wise statement III: No wizard is wise statement IV: Some wizards are not wise with A. Statement II and IV B. Statement III and IV C. Statement II and III	Status : Answered Chosen Option : C
Stat Stat Stat Stat Stat Ans	atement I: All wizards are wise atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and III	Status : Answered Chosen Option : C
Stat Stat Stat Stat Stat Ans	atement I: All wizards are wise atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and III	Status : Answered Chosen Option : C
Stat Stat Stat Stat Stat Ans	atement I: All wizards are wise atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and III	Chosen Option : C
Stat Stat Stat Stat Stat Ans	atement I: All wizards are wise atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and III	
Stat Stat Stat Stat Stat Ans	atement I: All wizards are wise atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and III	ay that both can be true
Star Star Star Ans	atement II: Some wizards are wise atement III: No wizard is wise atement IV: Some wizards are not wise A. Statement II and IV B. Statement III and IV C. Statement II and III	
×	B. Statement III and IV C. Statement II and III	
×	← C. Statement II and III	
*	D. Statement I and II	
		Question ID : 486324383 Status : Answered
		Chosen Option : A
Q.3 Sor	me friends have gone to a stadium to watch a football mat	ch. The square stadium
only sco who	only has one row on each side. Karvi is facing south watching her favourite player score a goal. Anubha is sitting directly opposite Karvi but to the south-west of Isha, who is exactly to the east of Gauri. Sanvi is sitting to the south-east of Isha. In which direction of Gauri is Sanvi?	
Ans 🤟	A. South-east	
X	▼ B. South	
X	← C. North	
×	CD. North-west	
		Question ID : 486324385
		Status : Answered Chosen Option : D
		oneschi epiteni. B
(Co	nat is the average of all two-digit prime numbers where the orrect to two decimal places)	e units digit is 1 or 7?
	A. 44.8	
	∢ B. 49	
*	∕ D. 48	
		Question ID : 486224372
		עופטוווו . 4003243/2
		Status : Answered
		Question ID : 486324372

۸ ۵		
Ans	✓ A. Son-in-law	
	X B. Daughter-in-law	
	★ C. Brother-in-law	
	X D. Granddaughter-in-law	
		Question ID : 486324386
		Status : Answered Chosen Option : A
		Chosen Option . A
Q.6	In a certain code language, 'MANGO' is written as 'QIPCO', a 'FNRRC'. How will 'BANANA' be written in that language?	nd 'APPLE' is written as
Ans	X A. CBCHCG	
	✓ B. CPCPCD	
	X C. CBCHCE	
	✗ D. CPGPCE	
		Question ID : 486324384
		Status : Answered Chosen Option : C
		Choch option. C
Q.7	At present Chandra is 48 years old and Dheeraj is 72 years o was the ratio of their ages 3 : 5?	ld. How many years ago
Ans	X A. 15 years	
	✓ B. 12 years	
	X C. 11 years	
	X D. 10 years	
		Question ID : 486324376
		Status : Answered
		·
Q.8	If the interest on a sum of ₹12,500 is being compounded ann	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is $\overline{\mathbf{x}}$	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is ₹ ★ A. 12 months	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months	Status : Answered Chosen Option : B
Q.8 Ans	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months	Status : Answered Chosen Option : B uually at 6% per annum, 1,147.50?
	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months	Status : Answered Chosen Option : B
	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months	Status : Answered Chosen Option : B aually at 6% per annum, 1,147.50? Question ID : 486324377
Ans	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Verification, it will take 30 seconds to cross each other and when directions, it will take 6 seconds. What are the speeds (in kn)	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Verification, it will take 30 seconds to cross each other and wh	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months X D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Value direction, it will take 30 seconds to cross each other and when directions, it will take 6 seconds. What are the speeds (in kn respectively? X A. 280, 140	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is A. 12 months B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. I direction, it will take 30 seconds to cross each other and wh directions, it will take 6 seconds. What are the speeds (in kn respectively? A. 280, 140 B. 190, 260	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Verification, it will take 30 seconds to cross each other and whe directions, it will take 6 seconds. What are the speeds (in kn respectively? X A. 280, 140 X B. 190, 260 X C. 184, 144	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is A. 12 months B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. I direction, it will take 30 seconds to cross each other and wh directions, it will take 6 seconds. What are the speeds (in kn respectively? A. 280, 140 B. 190, 260	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite
Q.9	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Verification, it will take 30 seconds to cross each other and whe directions, it will take 6 seconds. What are the speeds (in kn respectively? X A. 280, 140 X B. 190, 260 X C. 184, 144	Status: Answered Chosen Option: B qually at 6% per annum, 1,147.50? Question ID: 486324377 Status: Answered Chosen Option: C When they run in the same en they travel in opposite n/h) of the two trains,
Ans	then what is the period for which the compound interest is ₹ X A. 12 months X B. 24 months C. 18 months D. 15 months Two trains of lengths 200 m and 400 m run on parallel lines. Verification, it will take 30 seconds to cross each other and whe directions, it will take 6 seconds. What are the speeds (in kn respectively? X A. 280, 140 X B. 190, 260 X C. 184, 144	Status : Answered Chosen Option : B nually at 6% per annum, 1,147.50? Question ID : 486324377 Status : Answered Chosen Option : C When they run in the same en they travel in opposite



Assertion:

Many species of birds are on the verge of extinction, despite the efforts of environmentalists to conserve these species.

Reasons

- I. Regardless of the efforts to conserve birds, all species would become extinct in due time.
- II. Human activities of exploitation of the environment are having an adverse effect on the flora and fauna.

Ans 🧼 A

- A. Only II is the reason
- X B. Only I is the reason
- X C. Neither I nor II is the reason
- X D. Both I and II are the reasons

Question ID: 486324390 Status: Answered

Chosen Option : D

Q.11

Simplify
$$(1^3 + 2^3 + 3^3 + 4^3)^{-\frac{3}{2}} \div (0.125)^{\frac{2}{3}} \times (625)^{\frac{1}{4}}$$
.

Ans X A. 0.2

X B. 0.1

X C. 0.01

✓ D. 0.02

Question ID : 486324371 Status : Answered

Chosen Option: A

Q.12 Karan ranks 26th from the top and 23rd from the bottom in the Science examination in his class. How many students are there in the class?

Ans X

- X A. 51
- X B. 50
- X C. 49
- **D**. 48

Question ID: 486324382

Status: Answered

Chosen Option : ${\bf D}$

Q.13 Riya purchased a sewing machine for ₹5,000. She marked it 15% higher than the cost price. She offered a discount of 20%. What is the selling price of the sewing machine?

.

- X A. ₹5,135
- X B. ₹5,200
- ✓ C. ₹4,600
- **X** D. ₹4,850

Question ID: 486324375

Status : Answered

Chosen Option : C

Q.14 A statement is given followed by two courses of action numbered I and II. Assuming everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.

State ment:

Because of the burning of nearby crops, there is a sharp decline in the air quality above the metropolitan city.

Courses of Action:

- I. The government should implement odd and even method for car pool.
- II. The government should offer alternate methods to remove leftover crops.

Ans X A. Either I or II follow

- X B. Only I follows
- X C. Both I and II follow
- D. Only II follows

Question ID: 486324389 Status: Answered

Chosen Option : ${\bf C}$

Q.15 A, B, C and D are sitting around a square table facing towards the centre. A is facing north, and C is facing east. If D is sitting in front of A, and B is sitting in front of C, in which direction is B facing?

Ans X A. East

X B. North

X C. South

D. West

Question ID: 486324381

Status: Answered

Chosen Option : D

Q.16 If 80% of A is 25% more than B, then by what per cent is B less than A?

Ans X A. 35%

X B. 40%

✓ C. 36%

X D. 30%

Question ID: 486324373

Status: Answered

Chosen Option : C

Q.17 A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

Question:

Where is box 2 placed?

Statement-I: Five boxes 1, 2, 3, 4, 5 are placed on top of each other such that every alternate number is an odd number. The box below the topmost box has a number greater than that of the box below the middle one.

Statement-II: Five boxes 1, 2, 3, 4, 5 are placed on top of each other such that every alternate number is an odd number.

Ans X A. Statement-Il alone is sufficient, while Statement-I alone is not sufficient

X B. Both Statement-I and Statement-II together are sufficient

C. Statement-I alone is sufficient, while Statement-II alone is not sufficient

X D. Either Statement-I or Statement-II is sufficient

Question ID: 486324387

Status : **Answered**

Chosen Option : C

	(approx.)?	
ns	X A. ₹98,999	
	X B.₹1,11,743	
	✓ C. ₹1,06,229	
	X D. ₹1,12,328	
		Question ID : 486324374
		Status : Answered
		Chosen Option : C
	X and Y can finish a work in 6 days and 9 days, respect days, how long (in days) will it take for them to finish the	
Ans	X A. 6	
	X B. 4	
	✓ C. 7	
	X D. 5	
		Question ID : 486324379
		Question id . 466324379
		Status : Answered
	Four letter-clusters have been given, out of which the and one is different. Select the one that is different. A. BCH B. ACA	Chosen Option : C
	and one is different. Select the one that is different. A. BCH	Chosen Option : C
	and one is different. Select the one that is different. **A. BCH **B. ACA **C. DCM	Chosen Option : C
	and one is different. Select the one that is different. **A. BCH **B. ACA **C. DCM	Chosen Option : C ree are alike in some manner Question ID : 486324388
	and one is different. Select the one that is different. **A. BCH **B. ACA **C. DCM	Chosen Option : C
Ans	and one is different. Select the one that is different. X A. BCH X B. ACA C. DCM D. CCA	Chosen Option : C ree are alike in some manner Question ID : 486324388 Status : Answered
Ans	and one is different. Select the one that is different. X A. BCH X B. ACA C. DCM D. CCA on: General English Select the most appropriate option that can substitute	Chosen Option : C Question ID : 486324388 Status : Answered Chosen Option : D
Ans Gectio	and one is different. Select the one that is different. **A. BCH **B. ACA **C. DCM **D. CCA on: General English	Chosen Option : C Question ID : 486324388
Ans Q.1	and one is different. Select the one that is different. **A.BCH** **B.ACA** **C.DCM** **D.CCA* **D.CCA* Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always results.	Chosen Option : C Question ID : 486324388
Ans Q.1	and one is different. Select the one that is different. A. BCH B. ACA C. DCM D. CCA On: General English Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always requarrels.	Chosen Option : C Question ID : 486324388
Ans	and one is different. Select the one that is different. A. BCH B. ACA C. DCM D. CCA Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always requarrels. A. ripping up old sores	Chosen Option : C Question ID : 486324388
Ans	and one is different. Select the one that is different. A. BCH B. ACA C. DCM D. CCA Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always requarrels. A. ripping up old sores B. in an uphill fight	Chosen Option : C Question ID : 486324388
Ans	and one is different. Select the one that is different. A. BCH B. ACA C. DCM D. CCA Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always requarrels. A. ripping up old sores B. in an uphill fight C. fighting to the finish	Question ID: 486324388 Status: Answered Chosen Option: D
Ans	and one is different. Select the one that is different. A. BCH B. ACA C. DCM D. CCA Select the most appropriate option that can substitute given sentence. Reetu and Meetu can't live in peace; they are always requarrels. A. ripping up old sores B. in an uphill fight C. fighting to the finish	Chosen Option : C Question ID : 486324388

Q.2	Select the most appropriate conjunction to fill in the blank.	
	They wanted to reach early got late because of the Delhi traffic.	
Ans	· ·	
	X B. so	
	C. while	
	X D. when	
		Question ID : 486324391
		Status : Answered
		Chosen Option : A
Q.3	Sentences of a paragraph are given below in jumbled order. Arrangthe correct order to form a meaningful and coherent paragraph.	e the sentences in
	P) The exact causes of narcissistic personality disorder among the unknown, but childhood abuse and neglect may be possible factors formation. Q) People with narcissistic personality disorder show a grandiose s importance, are consumed by fantasies of unlimited success, power ideal love, and are extremely sensitive to criticism, among other R) Younger people and men seem to be most affected. S) The Diagnostic and Statistical Manual of Mental Disorders describ personality disorder as 'a pervasive pattern of grandiosity, need for lack of empathy that begins by early adulthood and is present in a variation.	ense of self- er, brilliance, beauty things. pes narcissistic admiration, and
Ans	X A. SPQR	
	X B. RSPQ	
	✓ C. SQRP	
	X D. RQSP	
		Question ID : 486324398
		Status : Answered
		Chosen Option : A
Q.4	Select the most appropriate synonym of the given word.	
	Nefarious	
Ans	X A. Shapeless	
	✓ B. Wicked	
	★ C. Non-entity	
	X D. Negative	
		Question ID : 486324396 Status : Answered
		Chosen Option : C
Q.5	Select the most appropriate synonym of the given word.	
	Unwarrante d	
Ans	A. Unauthorised	
	X B. Undesirable	
	X C. Unmanageable	
	X D. Unwieldy	
		Question ID : 486324395
		Status : Answered
		Chosen Option : A

Q.6 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. P) The main and brightest ring extends from the halo boundary out to about 128,940 kilometres (80,000 miles) or just inside the orbit of Adrastea. Q) The innermost halo ring is toroidal in shape and extends radially from about 92,000 kilometres (57,000 miles) to about 122,500 kilometres (76,000 miles) from Jupiter's R) It is formed as fine particles of dust from the main ring's inner boundary 'bloom' outward as they fall toward the planet. S) Close to the orbit of Metis, the main ring's brightness decreases. A. QRPS Ans X B. PRQS X C. SRQP X D. QPRS Question ID: 486324397 Status: Answered Chosen Option: D Q.7 Select the grammatically correct sentence. Ans X A. Have I found the way I would have reached on time. X B. Have I found the way I will have reached on time. C. Had I found the way I would have reached on time. X D. Have I found the way I should not have reached on time. Question ID: 486324400 Status: Answered Chosen Option: A Q.8 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S5) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. S1: The Indian Cobra is the common name for members of the family of venomous snakes Q: Obviously, the best prevention is to avoid getting bitten. R: The hoods are created by the extension of the ribs behind the cobras' heads. S: Cobras are recognised by the hoods that they flare when angry or disturbed. S5: This is facilitated by the fact that humans are not the natural prey of any venomous snake. Ans 🟋 A. QRS X B. RQS C. SRQ X D. QSR Question ID: 486324399 Status: Answered Chosen Option: D Q.9 Select the most appropriate preposition to fill in the blank. Never put off _____ tomorrow what you can do today. Ans X A. of ✓ B. till X C. at X D. on Question ID: 486324392 Status: Answered Chosen Option: D

Q.10	Q.10 Select the most appropriate meaning of the given idiom.				
	A utopian scheme				
Ans	✓ A. An unrealistic yet a good plan				
	X B. A realistic and bad plan				
	★ C. Adapting to new situations				
	X D. Giving fair chance proposal				
		Question ID : 486324393			
		Status : Answered			
		Chosen Option : A			
Section	n : General Awareness				
Q.1	Which edition of the International Telemedicine Conference at Amrita Hospital, Kochi was hosted by Telemedicine Society of India (TSI) and Kerala Chapter in November 2022?				
Ans	X A. 19 th				
	✓ B. 18 th				
	X C. 20 th				
	X D. 17 th				
		Outstan ID : 40004404			
		Question ID : 486324401 Status : Answered			
		Chosen Option : D			
0.0	When we Obside the like And billed in a beating an account of the	haha na liaa in a			
Ų.Z	When was Chandra Shekhar Azad killed in a shooting encounter wit public park, later renamed Azad Park, at Allahabad?	n the police in a			
Ans	X A. 21 April 1930				
	X B. 15 March 1931				
	X C. 20 February 1930				
	✓ D. 27 February 1931				
		Question ID : 486324406			
		Status : Answered			
		Chosen Option : B			
0.3	.3 Who built the Lakshmana temple of Khajuraho, dedicated to Vishnu, in 954 A.D?				
Ans	✓ A. Chandela kings				
	X B. Pallava kings				
	✗ C. Rashtrakuta kings				
	X D. Chola kings				
		Question ID : 486324407 Status : Answered			
		Chosen Option : B			
Q.4	The Government of India approved the New India Literacy Program the fiscal years 2022 to in February 2022.	me scheme for			
Ans					
	X B. 2026				
	✓ C. 2027				
	X D. 2025				
		Outputies: ID : 404004400			
		Question ID : 486324403 Status : Answered			
		Chosen Option : C			

ns	Lanka? A. Bhutan		
1113	X B. Sri Lanka		
	X C. Bangladesh		
	✓ D. Nepal		
		Question ID : 486324404	
		Status : Answered	
		Chosen Option : B	
Q.6 As per the Crime in India-2021 report of the National Crime Records Bureau (NCRB), the crime rate registered per lakh population in India has decreased from 487.8 in 2020 to in 2021.			
Ans	X A. 425.9		
	✔ B. 445.9		
	X C. 435.9		
	X D. 415.9		
		Question ID : 486324402 Status : Answered	
_		Chosen Option : A	
Q.7	ICICI bank launched a unique self-service delivery facility called		
	2020.		
	2020. ★ A. sBox		
	2020. ★ A. sBox ★ B. tBox ★ C. kBox		
	2020. X A. sBox X B. tBox		
	2020. ★ A. sBox ★ B. tBox ★ C. kBox	in January Question ID : 486324411	
	2020. ★ A. sBox ★ B. tBox ★ C. kBox	Question ID: 486324411 Status: Answered	
	2020. ★ A. sBox ★ B. tBox ★ C. kBox	in January Question ID : 486324411	
Ans	2020. X A. sBox X B. tBox X C. kBox ✓ D. iBox Which of the following space telescopes has the ability to detect	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox ✓ D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range?	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope X B. Kepler Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope X B. Kepler Telescope X C. Hubble Space Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope X B. Kepler Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	
Q.8	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope X B. Kepler Telescope X C. Hubble Space Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	
Ans	2020. X A. sBox X B. tBox X C. kBox D. iBox Which of the following space telescopes has the ability to detect into the mid-infrared range? ✓ A. James Webb Space Telescope X B. Kepler Telescope X C. Hubble Space Telescope	Question ID : 486324411 Status : Answered Chosen Option : A	

Q.9	Q.9 Parliament has recently enacted the Government of National Capital Territory of Delhi (Amendment) Act, 2021. It amends certain provisions in the Government of National Capital Territory of Delhi Act, 1991, relating to powers and responsibilities of the Legislative Assembly and the				
Ans	X A. Governor				
	✓ B. Lieutenant Governor				
	★ C. Chief Minister				
	X D. Deputy Chief Minister				
		Question ID : 486324420 Status : Answered			
		Chosen Option : B			
Q.10	Article 239AA of the Constitution of India granted special status to among Union Territories in the year 1991 through the 69 th Constitutional Amendment by the Parliament.				
Ans	✓ A. Delhi				
	X B. Jammu and Kashmir				
	X C. Pondicherry				
	X D. Chandigarh				
		Question ID : 486324418 Status : Answered			
		Chosen Option : A			
Q.11 Ans	Which of the following languages belong to the Indo-Aryan family?				
Alls	✓ A. BengaliX B. Kannada				
	C. Malayalam				
	X D. Tamil				
		Question ID : 486324413			
		Status : Answered			
		Chosen Option : D			
Q.12	12 The Supreme Court declared Transgender as the "Third Gender". Self-determination of identity has been held to be an essential facet of which article?				
Ans	X A. Article 14				
	✓ B. Article 21				
	C. Article 19				
	X D. Article 22				
		Question ID : 486324419 Status : Answered			
		Chosen Option : B			
	Uranium deposits do NOT occur in which of the following places?				
Ans	X A. Gaya district of Bihar				
	→ B. Raigad district of Maharashtra → B.				
	C. Saharanpur district of Uttar Pradesh				
	X D. Singhbhum and Hazaribagh districts of Jharkhand				
		Question ID : 486324414			
		Status : Answered			
		Chosen Option : C			

	.14 Which of the following hills are located in the north-eastern Indian states?			
Ans X A. Devikulam hills				
	✓ B. Patkai hills			
	C. Kolli hills			
	X D. Olasuni hills			
		Question ID : 486324412 Status : Answered		
		Chosen Option : B		
Q.15	The 'Octave' festival was initiated in 2006 with the objective of promoting and showcasing folk music and choir singing along with other art and cultural heritage of which of the following states/regions?			
Ans X A. Andaman and Nicobar Islands				
	X B. Puducherry			
	✓ C. North Eastern states			
	X D. Goa			
		Question ID: 486324409		
		Status : Answered		
		Chosen Option : C		
O 16	According to Archimedes' principle, the buoyant force acting on an	immersed hody in		
4	6 According to Archimedes' principle, the buoyant force acting on an immersed body in water is equal to:			
Ans	X A. the relative density of the body			
	X B. the weight of the body			
	C. the weight of the fluid displaced by the object			
	X D. the mass of the body			
		Question ID : 486324416		
		Status : Answered Chosen Option : C		
		chiecen epitem. S		
Q.17	Which of the following statement(s) is/are correct for Balance of P	ayments (BOP)		
	accounts?			
	I. The Current Account of BOP includes Unilateral Transfers.			
Ans	II. The Capital Account of BOP includes export and import of visible A. Neither I nor II	e goods.		
	✓ B. Only I			
	C. Both I and II			
	X D. Only II			
		Question ID : 486324410		
		Status : Answered		
		Chosen Option : D		
Q.18	Which of the following options is NOT true for the Pala empire, which contains India till the middle of the pinth contains?	ch dominated		
Ans	eastern India till the middle of the ninth century? A. The Palas gave grants to a large number of Brahmins from nor	th India		
. 1113				
	X B. The Pala rulers had cultural ties with Tibet.			
	C. The Palas were hostile to the Sailendra dynasty, ruling oversea			
	X D. The Palas extended their patronage to Buddhism, Shaivism an	d Vaishnavism.		
		Question ID : 486324405		
		Status : Answered		
		Chosen Option : A		

Ans A. Buna-N – 1,3-Butadiene and Styrene

** B. Bakelite – Phenol and Formaldehyde

** C. Glyptal – Ethylene glycol and Phthalic acid

** D. Nylon 6 – Caprolactam

Question ID : 486324417
Status : Answered
Chosen Option : C

Q.20 Ponung and Tapu are the tribal dance forms of ______.

Ans A. Andhra Pradesh

** B. Arunachal Pradesh

** C. Himachal Pradesh

** D. Madhya Pradesh

** D. Madhya Pradesh

Chosen Option : B

Q.19 Which of the following is NOT the correct pair of polymer and monomer?