**Exam Name**: AEGCL\_Assistant Manager\_Civil

Total Questions : 100

Description

Important Examination Instructions

- 1. Each question will carry 1 (One) Mark for correct answer.
- 2. There will be a negative marking of 0.25 (one-fourth) marks for wrong answer
- 3. Do not use the alt-tab, mouse or any other device to shift from examination screen to any other screen or do not try to open any other application while attempting the examination. Doing so may result in discontinuation of examination and your examination will be considered as null and void. Attempting to close the browser repeatedly will lock the exam.

## How to use the system:

- 1. How to start the test: You can start the test by clicking the Declaration Check box and then 'I am ready to begin button'.
- 2. How to change the question: For the move to the next question you have to click on the 'Save And Next' button the same as for move to the back, click on the 'Previous' button.
- 3. How to answer a question: You can select any answer by clicking on the button displayed just before the answers. You have to finally click the button Save and Next to save your answer and move to the next question. In Exam Sections, the Red Circle corresponding to this question turns Green. You can go to any section / any question number by clicking the relevant control.
- 4. How to skip the question: You can click the "Next Question" control to move on the next question
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  - -Red Color: Current Question.
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  - -Blue Color: Attempted and Reviewed Question.
  - -Violet Color: Unattempted and Reviewed Question

<b>Q</b> .1		If the resultant of two equal forces has the same magnitude as either of the forces, The between the two forces is	en the angle
Ма	rks	1	Question ID: 1206
No		Options Details	Correct Option
1	30º		
2	60º		
3	90º		
4	120º		✓

A block weighing W is resting on a plane inclined at q to the horizontal. The coefficient of friction ' $\mu$ '. The force P required to pull it up the plane is

- (A)  $W \sin q \mu W \cos q$
- (B)  $W \sin q + \mu W \cos q$
- (C)  $W \cos q \mu W \sin q$
- (D)  $W \cos q + \mu W \sin q$

Marks 1 Question ID: 1207

No	Options Details	Correct Option
1	A	
2	В	✓
3	С	
4	D	

Q.3 Two parallel, equal and opposite forces acting tangentially to the surface of the body is called as

Marks 1 Question ID: 1208

1 Complementary stress 2 Compressive stress	
2 Compressive stress	
3 Shear stress	✓
4 Tensile stress	

**Q.4** 

If qs is maximum shear stress due to torque and G is the modulus of rigidity of material of solid shaft, strain energy stored is

(A) 
$$\frac{qs^2}{G} \times Volume$$

(B) 
$$\frac{qs^2}{2G} \times Volume$$

(C) 
$$\frac{qs^2}{4G} \times Volume$$

(D) 
$$\frac{qs^2}{8G} \times Volume$$

Marks 1 Question ID: 1209

No **Options Details Correct Option** Α 1 2 В 3 С 4 D

Q.5	5			
		The ratio of effective leng	th and least lateral dimension for short o	column is
		(A) <12	(B) >12	
		(C) < 36	(D) > 36	
Ma	rks	1		Question ID:
ivia	11.0	I		1210
No			Options Details	Correct Option
1	Α			✓
2	В			
3	С			
4	D			
Q.6	6		induced in a bar of length $L$ , cross-s	
		modulus of elasticity E approximately equal to	due to a freely falling weight $W$ from	n a height h is
		(A) $\sqrt{\frac{2E W}{AL}}$	(B) $\sqrt{\frac{2W}{AL}}$	
		(C) $\sqrt{\frac{4EW}{AL}}$	(D) $\sqrt{\frac{EW}{2AL}}$	

Ма	arks	1	Question ID: 1211
No		Options Details	Correct Option
1	Α		✓
2	В		
3	С		
4	ח		

Q.7	Displacement at point A due to the load at point B is same as displacement of point B due to the same load acting at point A, the displacement being measured in the directions of the loads. The above statement is known as

Ма	rks 1	Question ID: 1212
No	Options Details	Correct Option
1	Mecaulay's theorem	
2	Castigliano's theorem	
3	Maxwell's theorem	✓
4	Bernauli's theorem	

Q.8	For a two-hinged arch, if one of the supports settles down vertically, then the h	norizontal thrust
Ма	arks 1	Question ID: 1213
No	Options Details	Correct Option
1	Is increased	
2	Remains unchanged	✓
3	Is decreased	
4	Becomes zero	

At the end of the soundness test on cement, increase in the distance between the two indicators of Le Q.9 Chatelier apparatus should not be more than Question ID: Marks 1 1214 No **Options Details Correct Option** 5 mm 2 10 mm 3 15 mm 4 20 mm

Q.10 Normal consistency of cement is ab		Normal consistency of cement is about	
Ма	ırks	1	Question ID: 1215
No		Options Details	Correct Option
1	7%		
2	14%		
3	21%		
4	28%		✓

Q.1	11						
		The	compound which i	s largely responsible	for initial	setting and early streng	th
		gain	of Ordinary Portla	nd Cement is			
		(A)	C3A	(B)	C3S		
		(C)	C4AF	(D)	C2S		
		0.76		.,-,			
   Ma	rke	1					Question ID:
IVIA		l 					1216
No				Options Details			Correct Option
1	A						
3	В						<b>✓</b>
4	D						
Q.	12	Due	to circumferential ad	etion of the spiral in a s	oirally reinfo	orced column	
	_				, , ,		
							Question ID:
Ma	rks	1					1217
No				Options Details			Correct Option
1			lumn is decreased				
2			umn reduces				
3	Capacity of columi		lumn is decreased b eases	out ductility			
4	Both the	capa	city of column and d	uctility of			✓
	column ir	ncrea	se				
Q.1	13	Cond	crete surfaces expos	sed to sea water sprav	is consider	ed exposure condition	
\ \(\mu\).	13	Cond	crete surfaces expos	sed to sea water spray	is consider	ed exposure condition	
<b>Q</b> .1	13	Cond	crete surfaces expos	sed to sea water spray	is consider	ed exposure condition	
<b>.</b> .	13	Cond	crete surfaces expos	sed to sea water spray	is consider	ed exposure condition	
			crete surfaces expos	sed to sea water spray	is consider	ed exposure condition	Question ID:
Q.		Cond	crete surfaces expos	sed to sea water spray	is consider	ed exposure condition	Question ID: 1218
			crete surfaces expos	sed to sea water spray Options Details	is consider	ed exposure condition	1
Ma No	<b>rks</b> extreme	1	crete surfaces expos		is consider	ed exposure condition	1218
Ma No 1 2	extreme very seve	1	crete surfaces expos		is consider	ed exposure condition	1218
Ma No	<b>rks</b> extreme	1 ere	crete surfaces expos		is consider	ed exposure condition	Correct Option

Q.1	Rolled steel tubes are referred by their	
Ma	ırks 1	Question ID: 1219
No	Options Details	Correct Option
1	outer diameters	
2	inner diameter	✓
3	average diameter	
4	outer radius	

Q.1	Q.15 Minimum edge distance, in case of hand flame cut edges, shall not be less than diameter.		times bolt hole	
Ma	ırks	1	Question ID: 1220	
No		Options Details	Correct Option	
1	1.2			
2	1.5			
3	1.7		✓	
4	1.8			

Q.16 The range of Degree of Saturation  $(S_r)$  of a soil mass is given by (A)  $0 < S_r < 100$ (B)  $0 \le S_r \le 100$ (D)  $S_r > 0$ (C)  $S_r \ge 0$ Question ID: Marks 1 1221 **Correct Option** No **Options Details** 1 Α 2 В **√** С 3

4

D

Q.1	17	·	Managara and American		STREET,	
			water of 0.1m. Dynami		particle of 0.0002m size (G=2.8 Viscosity of water is 0.002 N-Sec/n	
		(A) 5 sec	(B	)	5000 sec	
		(C) 10000 sec	(D	)	10 sec	
Ма	rks	1				Question ID: 1222
No			Options Details			Correct Option
1	A					<b>✓</b>
2	В					
4	D					
<b>Q</b> .1	18	same. Then $h_2$ is given (A) $h_1 h_3$	ren by (B	)	I from $h_1$ to $h_2$ and from $h_2$ to $h_3$ $h_1/h_8$	is
		(C) $\sqrt{h_1h_3}$	(D	)	$\sqrt{h_1/h_3}$	
Ма	rks	1				Question ID: 1223
No 1	A		Options Details			Correct Option
2	В					
3	С					<b>/</b>
4	D					•
	•					
Q.1	19	In the case of Permea flow parallel to beddin	bility of Layered soils ha g planes is always	ıviı	ng different permeabilities, the averag	ge Permeability of
Ма	rks	1				Question ID: 1224
No			Options Details			Correct Option
1	bedding					
2	Less tha	n or equal to that of flo icular to bedding plane	w s			
3	Greater	than or equal to that of icular to bedding plane	flow			
4		than that of flow perper				✓
	<sub>  Deciding</sub>	pianes				

Q.2	Provision of Cut-off wall under a concrete dam	
		Question ID:
Ма	irks 1	1225
No	Options Details	<b>Correct Option</b>
1	Increases exit gradient	
2	Increases Seepage	
3	Reduces exit gradient	<b>√</b>
4	Increases Uplift Pressure on Dam	•
	<u>'</u>	
Q.2	The most suitable laboratory shear test for determining the shear strength of Soft Clay	rs is
Ма	orks 1	Question ID: 1226
No	Options Details	Correct Option
1	Direct Shear Test	Correct Option
2	Triaxial Shear Test	
3	Vane Shear Test	
		<b>√</b>
4	UCC Test	
Q.2	The recovery ratio for a satisfactory Undisturbed sample is	
	The recovery ratio for a satisfactory Undisturbed sample is  orks 1	Question ID: 1227
Ма	ırks 1	1227
Ma No		
Ma No	orks 1 Options Details	Correct Option
Ma No 1	Options Details 96 to 98%	1227
No 1 2 3	Options Details  96 to 98% 10 to 20%	Correct Option
Ma No 1	Options Details 96 to 98%	Correct Option
No 1 2 3	Options Details  96 to 98%  10 to 20%  2 to 4%	Correct Option  ✓
Ma No 1 2 3 4	Options Details  96 to 98%  10 to 20%  2 to 4%  In the observed SPT Value below water table in a fine sand deposit is found to be 25.	Correct Option  ✓
Ma No 1 2 3 4	Options Details  96 to 98%  10 to 20%  2 to 4%  In the observed SPT Value below water table in a fine sand deposit is found to be 25. SPT value is	Correct Option  ✓  The corrected  Question ID:
Ma No 1 2 3 4	Options Details  96 to 98% 10 to 20% 2 to 4%  In the observed SPT Value below water table in a fine sand deposit is found to be 25. SPT value is	The corrected  Question ID: 1228
Ma No 1 2 3 4 Q.2	Options Details  96 to 98% 10 to 20% 2 to 4%  In the observed SPT Value below water table in a fine sand deposit is found to be 25. SPT value is  Options Details	The corrected  Question ID: 1228
Ma No 1 2 3 4  Q.2  Ma No 1	Options Details  96 to 98% 10 to 20% 2 to 4%  In the observed SPT Value below water table in a fine sand deposit is found to be 25. SPT value is  Options Details  1  Options Details	The corrected  Question ID: 1228

Γ

Q.2	The effect of friction between retaining wall and backfill soil on earth pressure is to	
		Question ID:
Ма	rks 1	1229
No	Options Details	Correct Option
1	reduce both Active and Passive Earth	
2	Pressures increase both Active and Passive Earth	
_	Pressures	
3	reduce active earth pressure and increase	
	Passive earth pressure	
4	increase active earth pressure and reduce	<b>✓</b>
	Passive earth pressure	
Q.2	5 .	
	In an infinite slope, the critical depth is the depth at which Factor of safety (Ratio	T.
	of shear strength to shear stress) is	
	(A) = 0 (B) $\leq$ 0	
	(C) $\leq 1$ (D) = 1	
		Question ID:

Ма	rks 1	1230
No	Options Details	Correct Option
1	A	
2	В	
3	С	
4	D	_/

Q.26 A concentrated load of 225 kN acts on the surface of a homogeneous soil mass of large extent. The stress induced at a depth of 15m directly under the load by Boussinesq's method is (A) 47.75 kN/m<sup>2</sup> (B) 477.5 kN/m<sup>2</sup> (C) 47.75 N/m<sup>2</sup> (D) 477.5 N/m<sup>2</sup> Question ID: Marks 1 1231 No **Options Details Correct Option** 1 Α

2

3

В

D

1	Momen	tum and Continuity equations	✓
No		Options Details	Correct Option
Ma	ırks	1	Question ID: 1234
Q.2	29	The forces on pipe bend can be obtained by using	
4	ט ן		
3	D		
2	В		
1	A		✓
No		Options Details	Correct Optio
Ma	ırks	1	Question ID: 1233
		(C) $0.43 \times 10^9 \text{ N/m}^2$ (D) $433 \times 10^9 \text{ N/m}^2$	
		(A) $4.33 \times 10^9 \text{ N/m}^2$ (B) $43.33 \times 10^9 \text{ N/m}^2$	
		If the pressure on the liquid is increased from 75 bar to 140 bar, the volun liquid decreases by 0.15%. The bulk modulus of elasticity of the liquid is	ne of
Q.2	28		0.00 = 14.20
•	1		
4	1482		
3	1140		
1	570 741		✓
No	F70	Options Details	Correct Option
Ma	ırks	1	Question ID:
Q.2	27	Unconfined Compressive Strength (UCS) of homogeneous clay deposit is 200 kPa bearing capacity of a surface strip footing of width 2.0m by Terzaghi's theory in kP	a. The ultimate la is

2

3

4

Momentum and Energy equations
Energy and Continuity equations

Momentum equation alone

$\sim$	•	•
( )		

What is the relation between actual length and effective length while determining crippling load for a hollow rectangular cast iron column having both ends fixed?

(A) Le = L/2

(B) Le = L

(C) Le = 2L

(D) Le= 4L

Question ID:

Ма	rks 1	1235
No	Options Details	Correct Option
1	A	
2	В	
2	C	

Q.31

D

A flat plate of 2 m  $\times$  1.5 is fixed horizontally in a wind tunnel where the wind speed is maintained at 60 km/hr. Taking  $\rho$  = 1.15 kg/m<sup>3</sup>, CL = 0.8. Calculate the value of lift force.

(A) 284.87 N

(B) 384.87 N

(C) 484.87 N

actual equipment

Hydraulic design

4

(D) 584.87 N

Ма	irks 1		Question ID: 1236
No		Options Details	Correct Option
1	Α		
2	В		✓
3	С		
4	D		

Q.3	Principle of similitude forms the basis for	
		Question ID:
Ма	rks 1	1237
No	Options Details	Correct Option
1	Comparing two identical equipments	
2	Designing models so that result can be	✓
	converted to prototype	
3	Comparing similarity between design and	

Q.3	33		
		In case of uniform flow in the channel, the water surface slope $\frac{dy}{dx}$ is equal to	
		(A) 1 (B) ∞	
		(C) 0 (D) 100	
Ma	rks	1	Question ID: 1238
No		Options Details	Correct Option
1	Α		
2	В		
3	D		✓
4	D		
Q.3	34	In terms of the saturation vapour pressure $e_s$ corresponding to water surface	
		temperature, and the actual vapour pressure in air $e_a$ , the Dalton's evaporation	8
		law may be written as	
		(A) $E = C(e_s + e_a)$ (B) $E = C(e_s - e_a)$ (C) $E = C(e_s \times e_a)$ (D) $E = C(e_s / e_a)$	
		(C) $E = C(e_s \times e_\alpha)$ (D) $E = C(e_s / e_\alpha)$	
Ma	rks	1	Question ID: 1239
No		Options Details	Correct Option
1	Α		
2	В		✓
3	С		
4	D		
Q.3	35	A geological formation which may contain water but is essentially impermeable to the fl through it is known as	ow of water
Ма	rks	1	Question ID: 1240
No		Options Details	Correct Option
1	Aquifer		-
2	Aquifuge		
3	Aquitard		
4	Aquiclude		<b>√</b>

Q.3	Which of the option is hydroscopic water	
Ма	ırks 1	Question ID: 1241
No	Options Details	Correct Option
1	water which is available to drain through soil	
2	by gravity water which ponds up on soil surface	
3	water which represents the majority available	
	for plant uptake	
4	water held tightly as film around individual soil particles and unavailable to plant	✓
	Soli particles and unavaliable to plant	
Q.3	A channel is designed by Lacey's theory having a mean velocity of one m/s. The silt fa hydraulic mean radius will be equal to	actor is unity. The
Ма	irks 1	Question ID: 1242
No	Options Details	Correct Option
1	2 m	
2	2.5 m	✓
3	1 m 5 m	
4	3 III	
Q.3	The value of pH of water for drinking purpose as per IS 10500:2012 is	

Q.3	The value of pH of water for drinking purpose as per IS 10500:2012 is	
Ma	rks 1	Question ID: 1243
No	Options Details	Correct Option
1	7.5 to 9.5	
2	4.5 to 6.5	
3	6.5 to 8.5	✓
4	5.5 to 7.5	·

Ma	ırks 1	Question ID: 1244
No	Options Details	Correct Option
1	Disinfection	✓
2	Sedimentation	
3	Softening	
4	Screening	
Q.4	The method used to distribute water from the higher level to the consumers at a lower	level is
Ма	arks 1	Question ID: 1245
No	Options Details	Correct Option
1	Pumping Method	
2	Gravity Method	✓
3	Combined Gravity and Pumping Method	<u> </u>
4	Sedimentation Method	
Q.4	A sewer pipe carrying sewage from a building to the point of its immediate disposal is	Question ID:
Ма	irks 1	1246
No	Options Details	Correct Option
1	Trunk	
2	Sub main	
3	House sewer	✓
4	Main sewer	
Q.4	12 In primary treatment of sewage, the operation which takes place is	
	11 primary treatment of sewage, the operation which takes place is	
Ма	irks 1	Question ID: 1247
Ma No		1
	irks 1	1247 Correct Option
No	orks 1 Options Details	1247
<b>No</b> 1	Options Details Removal of settleable organic solids	1247 Correct Option

The process of killing pathogenic bacteria in water and making it safe to the public use is called

Q.39

Q.4	The process of washing the sludge water to remove the organic and fatty acids from it	t is known as
		Our affers ID.
Ma	ulco 4	Question ID:
IVIA	rks 1	1248
No	Options Details	Correct Option
1	Screening	
2	Filtration	
3	Sedimentation	
4	Elutriation	✓
Q.4	The major cause for global warming is	
۵.	The major sauce for global warming to	
		Question ID:
Ma	rks 1	1249
No	Options Details	Correct Option
1	Carbon dioxide	✓
2	Sulphur dioxide	
3	Oxides of nitrogen	
4	Hydrogen fluoride	
Q.4	The cyclone device works on the principle of	
Q.4	The cyclone device works on the principle of	
Q.4	The cyclone device works on the principle of	
Q.4	The cyclone device works on the principle of	
		Question ID:
Q.4		Question ID: 1250
Ма	rks 1	1250
Ma No	rks 1 Options Details	l I
Ma No	rks 1  Options Details  Precipitation method	1250  Correct Option
Ma No 1 2	Options Details  Precipitation method  Centrifugal force	1250
Ma No 1 2 3	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation	1250  Correct Option
Ma No 1 2	Options Details  Precipitation method  Centrifugal force	1250  Correct Option
No 1 2 3 4	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement	1250  Correct Option
Ma No 1 2 3	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement	1250  Correct Option
No 1 2 3 4	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement	1250  Correct Option
No 1 2 3 4	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement	1250  Correct Option
No 1 2 3 4	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement	Correct Option  ✓
Ma No 1 2 3 4	Options Details  Precipitation method  Centrifugal force  Electrostatic precipitation  Impingement  6 The rapidly decomposable solid waste is	Correct Option  ✓  Question ID:
No 1 2 3 4	Options Details  Precipitation method Centrifugal force Electrostatic precipitation Impingement  The rapidly decomposable solid waste is	Correct Option  ✓
Ma No 1 2 3 4	Options Details  Precipitation method Centrifugal force Electrostatic precipitation Impingement  6 The rapidly decomposable solid waste is	Correct Option  ✓  Question ID: 1251
Ma No 1 2 3 4  Q.4	Options Details  Precipitation method Centrifugal force Electrostatic precipitation Impingement  6 The rapidly decomposable solid waste is  rks 1  Options Details	Correct Option  ✓  Question ID:
Ma No 1 2 3 4  Ma No 1	Options Details  Precipitation method Centrifugal force Electrostatic precipitation Impingement  The rapidly decomposable solid waste is  Options Details  Wood	Correct Option  ✓  Question ID: 1251
Ma No 1 2 3 4  Q.4	Options Details  Precipitation method Centrifugal force Electrostatic precipitation Impingement  6 The rapidly decomposable solid waste is  rks 1  Options Details	Correct Option  ✓  Question ID: 1251

Q.4	7 Ferrous materials from solid waste can be recovered by	
		Question ID:
Ma	rks 1	1252
No	Options Details	Correct Option
1	Rotary screen separator	
2	Rotary reciprocating screen separator	
3	Magnetic separator	✓
4	Cyclone separator method	

Q.4	48	The value of camber recommended by IRC for Cement Concrete roads in heavy rainf	all areas is
Ма	ırks	1	Question ID: 1253
No		Options Details	Correct Option
1	1 in 33		
2	1 in 50		✓
3	1 in 40		
4	1 in 60		

Q.4	<b>19</b>	Find the grade compensation in percentage, if the radius of curve is 240m, over a high gradient of 1 in 15	hway with
Ма	ırks	1	Question ID: 1254
No		Options Details	Correct Option
1	1.12		
2	0.3125		✓
3	1		
4	0.5		

Q.5	50	The minimum sight distance of a road (one way traffic) with design speed 50 kmph, t = and falling gradient of $5\%$ is	= 2 sec, f = 0.2,
Ма	rks	1	Question ID: 1255
No		Options Details	Correct Option
1	21.46 m		
2	54.78 m		
3	228.74 n	1	
4	77.06 m		✓
Q.5	j1	The super elevation needed on a horizontal circular curve of 150m radius for a design kmph with a coefficient of friction of 0.15 is	n speed of 60
Ma No	rks	1 Options Details	Question ID: 1256 Correct Option

Q.5	The Marshall flow value is expressed in units of	
		Question ID:
Ma	arks 1	1257
No	Options Details	Correct Option
1	25 mm	
2	0.25 mm	✓
3	5 mm	
4	3 mm	

1.26%

3.87%

5.25%

7.0%

1

2

4

Q.5	The theoretical method of pavement design is	
Ma	rks 1	Question ID: 1258
No	Options Details	Correct Option
1	CBR Method	
2	Triaxial test Method	
3	Mc Leod Method	
4	Burmister Method	<b>✓</b>

Given r = radius of load distribution , E= modulus of elasticity , K= modulus of subgrade reaction,  $\mu$  = poisson's ratio , h = thickness of slab, P = wheel load. The radius of relative stiffness of cement concrete slab is expressed in terms of

(A) E, K, μ, r

(B) h, K, μ, r

(C) E, h, K, µ

(D) P, h, K, μ

Ма	rks 1	Question ID: 1259
No	Options Details	Correct Option
1	A	
2	В	
3	С	✓
4	D	

Q.5	The safe speed on a highway is	
Ма	rks 1	Question ID: 1260
No	Options Details	Correct Option
1	50th percentile speed	
2	75th percentile speed	
3	85th percentile speed	✓
4	98th percentile speed	

Q.	56	The free speed was 80 kmph and the jam density was 70vpkm on a section of road. T flow in vph that could be expected on this road is	he maximum
Ma	ırks	1	Question ID: 1261
No		Options Details	Correct Option
1	700		
2	1400		✓
3	2800		
4	350		
Q.	57	At a certain station, the mean of the average temperature is $25^{\circ}$ C and the mean of the temperature is $40^{\circ}$ C. What is the airport reference temperature ?	maximum daily
Ма	ırks	1	Question ID: 1262
No		Options Details	Correct Option
1	46.6ºC		
2	35ºC		
3	20ºC		
4	30ºC		✓
Q.	58	The relative horizontal position of various points in surveying are determined by	
Ма	ırks	1	Question ID: 1263
No		Options Details	Correct Option
1	Traversi		✓
2		metric leveling	
	Recci		

Reciprocal leveling.

Q.5	9 Representative fraction indicates	
Ma	rks 1	Question ID: 1264
No	Options Details	0 0
	Options Details	Correct Option
1	Map coordinate system	Correct Option
1	<u>.</u>	✓
1 2 3	Map coordinate system	
	Map coordinate system Map scale	
3	Map coordinate system Map scale Map projection	

Q.6	Temporal resolution is related to the	
Ма	rks 1	Question ID: 1265
No	Options Details	Correct Option
1	Number of discrete signal levels	
2	Repetitive coverage of ground	
3	Number of spectral bands	✓
4	Signal to noise ratio	

	Choose the correct alterr blank space.	native that will cont	inue the same pattern	and fill in the
	3, 6, 5, 20, 7, 42, 9, (	_)		
	(A) 54	(B)	60	
	(C) 68	(D)	72	
				Question ID:
Marks	1			1266

No	Options Details	Correct Option
1	A	✓
2	В	
3	С	
4	D	

Q.6	62	Choose the correct alternative blank space.	e that will continue the same pattern	and fill in the
		2, 15, 41, 80 ()		
		(A) 111	(B) 125	
		(C) 121	(D) 132	
Ма	ırks	1		Question ID: 1267
No		0	otions Details	Correct Option
1	Α			
2	В			
3	С			
4	D			✓
Q.6	63	Choose the correct alternative blank space.  1, 2, 6, 24 ()  (A) 65  (C) 120	e that will continue the same pattern  (B) 95  (D) 160	and fill in the
	ırks	1		Question ID: 1268
		0	otions Details	Correct Option
Ma No	A	0	otions Details	Correct Option

3

4

С

D

Q.6	64	Choose the correct alterr	native that will cont	inue the same pattern and fill in th	e
		•			
		2, 5, 9, 19, 37			
		(A) 76	(B)	75	
		(C) 74	(D)	72	
					Question ID:
Ма	rks	1			1269
No			Options Details		Correct Option
1	Α				
3	В				✓
4	D				
Q.6	55	'Umbrella' is related to rain	in the same way as	'Goggle' is related to	
Ма	rks	1			Question ID: 1270
No			Options Details		Correct Option
1	Light				
2	Glare				✓
3	Stare Sight				
4	Signi				
Q.6	66	Ladies is to purse as Gent	s is to ———?		
Ма	rks	1			Question ID: 1271
No			Options Details		Correct Option
1	Bag				
2	Pocket				
3	14/ 11 .				
4	Wallet Case				✓

Q.6	<b>67</b>	Kilome	tre is to Distance as Pound	al is to?		
Ма	rks	1				Question ID: 1272
No			Opti	ons Details		Correct Option
1	Density					
2	Accelera					
3	Momente	erm				
4	Force					✓
Q.6	<b>68</b>	Memor	ies is to Amnesia as mover	ment is to ———?		
Ma	rks	1				Question ID: 1273
No			Opti	ons Details		Correct Option
1	Lubricati					
2	Lethargy					
3	Paralysis	S				<b>√</b>
4	Hemit					
Q.6	69	Cho	oose the word which is l	east like the other	words in the group:	
		(A)	Nephrology	(B)	Entomology	
		(C)	Astrology	(D)	Mycology	
Ма	rks	1				Question ID: 1274
No			Opti	ons Details		Correct Option
1	Α					
2	В					
3	С					✓
4	D					

		(C) Shark	(D) Cod	
Ma	arks	1		Question ID: 1275
No		Opt	ions Details	Correct Option
2	A B			✓
3	С			
4	D			
Q.	71			
Q.	71	Choose the word which is l  (A) Akbar  (C) Shabjahan	east like the other words in the group  (B) Jahangir  (D) Vikramaditya	):
	71 arks	(A) Akbar (C) Shabjahan	(B) Jahangir (D) Vikramaditya	Question ID: 1276
Ma No	arks	(A) Akbar (C) Shabjahan	(B) Jahangir	Question ID:
Ma No	arks A	(A) Akbar (C) Shabjahan	(B) Jahangir (D) Vikramaditya	Question ID: 1276
Ma No	arks	(A) Akbar (C) Shabjahan	(B) Jahangir (D) Vikramaditya	Question ID: 1276

Q.7	72			
		Choose the word which is	s least like the other words in the group:	
		(A) Pound	(B) Yen	
		(A) Found	8 5	
		(C) Ounce	(D) France	
				Question ID:
Ма	rks	1		1277
Nia			stione Detaile	Correct Ontion
No 1	Α	ΟĮ	otions Details	Correct Option
2	В			
3	С			✓
4	D			
Q.7	73	Character missing latter		
		Choose the missing letter	out of the given letter :	
		Z, U, Q, L?		
		(A) I	(B) K	
		(C) M	(D) N	
				Question ID:
Ма	rks	1		1278
No		Oį	otions Details	Correct Option
1	Α			
2	В			
3	C D			
r				✓

Q.	74			
		Choose the missing lette	er out of the given letter :	
		R, M? F, D?		
		(A) C, B	(B) J, H	
		(C) B, H	(D) I, C	
		4		Question ID:
Ма	ırks	1		1279
No		(	Options Details	Correct Option
1	Α			
3	В			
4	D			<b>✓</b>
'				<b>V</b>
Q.:	75			
		Choose the missing letter	out of the given letter :	
			-	
		Z, L, X, J, V, H, T, F, ??		
		(A) R.D.	(B) R.E.	
		(C) S.E.	(D) Q.D.	
				Question ID:
Ma	ırks	1		1280
	1	·		1200
No		(	Options Details	Correct Option
1	A			✓
3	В			
4	D			
_				
Q.:	76	If a paraon has paralized arm	for which no organic basis can be found, sh	a probably has
Q.,	70	ii a person nas paranzeu ann	ioi wilicii ilo organic basis can be louliu, sii	е ріовавіў паѕ
				Question ID:
Ма	ırks	1		1281
No		(	Options Details	Correct Option
1		rsion disorder		✓
2	1	c hypochondrias		
3	1	ciative disorder		
4	Schzic	phranid disorder		

Γ

Q.7	Q.77 People who repeatedly perform senseless rituals to over come their anxiety are said	
Ма	rks 1	Question ID: 1282
No	Options Details	Correct Option
1	Generalised anxiety disorder	
2	Imaginary audience	
3	Puberty	✓
4	Identity achievement	
		•

Q.7	78 Displacement is related to	
Ма	rks 1	Question ID: 1283
No	Options Details	Correct Option
1	Diverting emotional feelings	✓
2	Emotional in expressiveness	
3	Pressure to succeed	
4	None of the above	

Q.7	Among the following traits the largest gender differences are found in	
Ма	rks 1	Question ID: 1284
No	Options Details	Correct Option
1	Verbal abilities	
2	Mathematical abilities	
3	Physical Aggression	✓
4	Conformity	

Q.8	Some high-risk behaviour seen in adolescence is probably caused by	
Ma	rks 1	Question ID:
No	Options Details	Correct Option
	r r r r r r r r r r r r r r r r r r r	Compat opiion
1	Personal fable	
2	·	Солоск ориол
2 3	Personal fable	
	Personal fable Imaginary audience	
3	Personal fable Imaginary audience Puberty	✓

Q.8	1 What is the maximum time schedule extended for abortions	
Ма	rks 1	Question ID:
No	Options Details	Correct Option
1	10 weeks	
2	16 weeks	
3	20 weeks	
4	24 weeks	✓

Q.8	2 Who is the Chairman of NABARD	
Ма	rks 1	Question ID: 1287
No	Options Details	Correct Option
1	C. Govindarajulu	✓
2	Dr. G.R. Chintala	
3	C. Rangarajan	
4	Hari Vamsh Narayanan	

Q.8	33	World Asthma Day is celebrated on	
Ма	rks	1	Question ID: 1288
No		Options Details	Correct Option
<b>No</b>	April 8	Options Details	Correct Option
	April 8 May 2	Options Details	Correct Option  ✓
1	May 2 July 6		
1 2	May 2		
1 2 3	May 2 July 6		

Q.8	Bharath Ratna (2019) is awarded posthumously to	
Ма	rks 1	Question ID:
No	Options Details	Correct Option
1	Morarji Desai	
2	P.V. Narasimha Rao	
3	Bhupen Hazarika	✓
4	N.T. Rama Rao	

Q.8	"New Dimensions of India's Foreign Policy" was written by	
Ма	irks 1	Question ID: 1290
No	Options Details	Correct Option
1	A.B. Vajpayee	✓
2	V.V. Giri	
3	K.R. Narayanan	
4	Rajiv Gandhi	

Q.8	Who won 63rd National Championship in Shooting	
Ma	rks 1	Question ID: 1291
No	Options Details	Correct Option
1	Hima Das	
2	Shikhas Jandin	
3	Manu Bhaker	✓
4	Pankaj Advarl	

Q.8	Who invented Gramophone	
		Question ID:
Ma	rks 1	1292
<b>-</b>		
No	Options Details	Correct Option
1 2	Thomas Alva Edison Alexander Graham Bell	✓
3	Richard Gatling	
4	Walter Hunt	
Q.8	38	
	As per Brexit Agreement 2020, which country got separated from European Union.	
		Question ID:
Ma	when the state of	l l
Ma	rks 1	1293
No	Ontions Datails	Correct Option
1	Options Details Britain	Correct Option
2	Spain	
3	Italy	
4	·	✓
4	Belgium	
Q.8	The Longest Highway Tunnel under construction is named as	
		Question ID:
Ma	rks 1	1294
	Outhern But the	0
No	Options Details	Correct Option
1	Modi Tunnel	<b>√</b>
2	Advani Tunnel Atal Tunnel	
3		
4	Shyam Prasad Tunnel	
Q.9	International Flower Festival is celebrated in India in	
		Question ID:
Ma	rks 1	1295
		i l
No		
1	Options Details	Correct Option
	Options Details Sikkim	Correct Option
2	·	Correct Option
3	Sikkim	Correct Option

Given below a word in capital letters is followed by four words or groups of words.

Select the word or groups of words that is most similar in meaning to the word in capital letters.

IMPLORE

(A) Demand
(B) Plead
(C) Refuse

(D) Assure

Question ID:
1296

-		
No	Options Details	Correct Option
1	A	
2	В	✓
3	С	
4	D	

Q.92

Marks

Given below a word in capital letters is followed by four words or phrases as [A], [B], [C] and [D]. Select the word or phrase which is nearly opposite to the meaning of the original word and mark the correct response as [A], [B], [C] or [D] as the case may be.

## ILLUSTRIOUS

(A) Noble

1

(B) Bright

(C) Obscure

(D) Luscious

Question ID:

1297

 No
 Options Details
 Correct Option

 1
 A

 2
 B

 3
 C

 4
 D

<b>G</b> .,	<b>o</b> 1	Complete the given alternati		e by choosing th	e most appropriate	word/s from the
Q.9	94					
4	D					✓
3	С					
2	В					
1	Α					
No			C	ptions Details		Correct Option
Με	arks	1				Question ID: 1298
		(C) SQPR		(D)	SPQR	
		(A) PSQR		(B)	SQRP	
		P Q I	2	S		
		can / he / go wi	thout any mor	ney ?/ how far		
		sentence and n	nark your resp	oonse accordingly	у.	
		labelled P, Q,	R and S. You	are required to	re-arrange the jumb	led parts of the
		In the given be	elow sentence	the parts have l	een jumbled. These	parts have been

		(C) elusive	(D) obliging	
Ма	arks	1		Question ID: 1299
No		Ont	iona Dataila	0
140		Орі	ions Details	Correct Option
1	A	Ορι	ions Details	Correct Option ✓
	A B	Ορί	ions Details	
1		Ορι	ions Details	

(B) essential

(A) ostentatious

Q.9	95				
		Find out the correct meaning of given below.	the idiom /	phrase underlined from th	e options
		Prem has fallen out with his girl f	riend.		
		(A) gone out	(B)	had an accident	
		(C) broken the relationship	(D)	jumped into water	
Ма	arks	1			Question ID: 1300
No		Option	s Details		Correct Option
1	A				
2	В				
~					
3	C				✓
					<b>√</b>
	D	Given are parts of the sentence. On	e of the par	ts may have a mistake. Spot t	he error part.
4 Q.9	D	Given are parts of the sentence. On	e of the par	ts may have a mistake. Spot t	
4 Q.9	96	1	e of the par	ts may have a mistake. Spot t	he error part.  Question ID: 1301
4 Q.9 Ma No	96 arks Rajani	1 Option		ts may have a mistake. Spot t	he error part.  Question ID:
Ma No 1 2	96  Rajani along wi	1 Option th her parents and children		ts may have a mistake. Spot t	he error part.  Question ID: 1301
Ma No 1 2 3	P6 Rajani along wi were inv	1 Option th her parents and children ited		ts may have a mistake. Spot t	he error part.  Question ID: 1301
Ma No 1 2	96  Rajani along wi	1 Option th her parents and children ited		ts may have a mistake. Spot t	Question ID: 1301  Correct Option
Ma No 1 2 3	P6 Rajani along wi were inv for the p	1 Option th her parents and children ited		ts may have a mistake. Spot t	Question ID: 1301  Correct Option
Ma No 1 2 3 4	P6 Rajani along wi were inv for the p	1 Option th her parents and children ited arty	s Details		Question ID: 1301  Correct Option
Ma No 1 2 3 4	P6 Rajani along wi were inv for the p	Option th her parents and children ited arty . Improve the given sentence findir	ns Details	ake(s) if any.	Question ID: 1301  Correct Option
Ma No 1 2 3 4	P6 Rajani along wi were inv for the p	1 Option th her parents and children ited arty	ns Details	ake(s) if any.	Question ID: 1301  Correct Option

Q.9	97					
		Improve the given sentence finding the mistake(s) if any.				
		Bety	ween Bob and Sam, Bob			
		(A)	higher	(B)	high	
		(C)	more high	(D)	not high	
Marks		1				Question ID: 1302
No			(	Options Details		Correct Option
1	Α					✓
2	В					
3	С					
4	D					

Q.9	8	Choose appropr	iate word to fill in the blank i	in the below given sentence.	
		(A) walking: ri	up to the front door, he ———————————————————————————————————	the bell. walking: rang	
		(C) walked: ra	ng (D)	walk: ring	
Ma	rks	1			Question ID: 1303
No			Options Details		Correct Option
1	Α				
2	В				✓
3	С				
4					

Read the following passage and answer the question that follows it.

The forces that generate conditions conducive to crime and riots are stronger in urban communities than in rural areas. Urban living is more anonymous living. It often releases the individual from community restraints more common in tradition oriented societies. But more freedom from constraints and controls also provides greater freedom to deviate.

Which statement is NOT true about urban living?

- (A) It is relatively free from community restraints
- (B) Urban living does not offer the freedom rural living does
- (C) Urban living is more conducive to crime
- (D) It provides greater freedom to deviate as well

Marks 1 Question ID: 1304

No	Options Details	Correct Option
1	A	
2	В	✓
3	С	
4	D	

Read the following passage and answer the question that follows it.

The forces that generate conditions conducive to crime and riots are stronger in urban communities than in rural areas. Urban living is more anonymous living. It often releases the individual from community restraints more common in tradition oriented societies. But more freedom from constraints and controls also provides greater freedom to deviate.

The word 'anonymous' means

(A) unidentified

(B) well-known

(C) outstanding

(D) large

Marks 1 Question ID: 1305

No	Options Details	Correct Option
1	A	✓
2	В	
3	С	
4	D	