Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	24/09/2024
Exam Time	12:30 PM - 1:30 PM
Subject	Combined Graduate Level Examination Tier I

Section : General Intelligence and Reasoning

Q.1 In a certain code language,

'A + B' means 'A is the mother of B';

'A - B' means 'A is the brother of B';

'A x B' means 'A is the wife of B' and

'A ÷ B' means 'A is the father of B'.

Based on the above, if M + Q - R + K - Y, then how is M related to Y?

Ans X 1. Mother

X 2. Father's mother

3. Mother's mother

X 4. Brother's wife

Question ID : **630680312407**

Option 1 ID : **6306801215518** Option 2 ID : **6306801215519**

Option 3 ID : **6306801215517**

Option 4 ID: 6306801215520

Status : Answered

Chosen Option : 2

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN.

Rp73dh6

Ans

Rp73dh6 1

X2 dh6 E T q Я

X 3. dh6 E7qA

X4 adbezda

Question ID: 630680325823

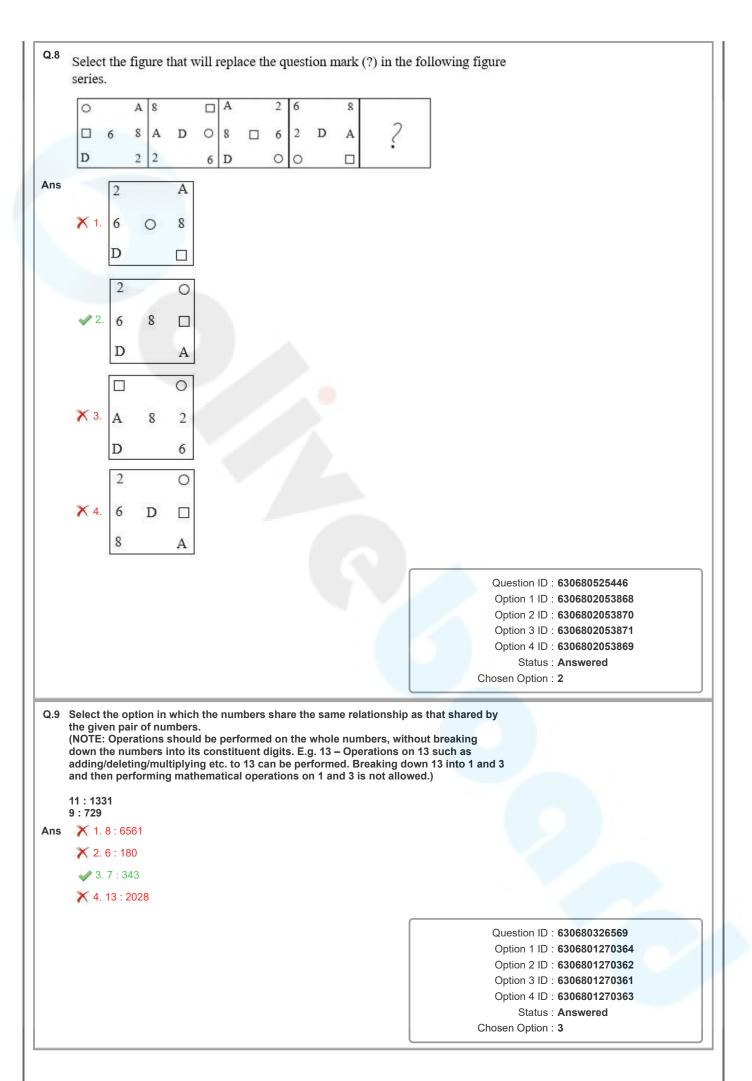
Option 1 ID: 6306801267487

Option 2 ID: 6306801267486

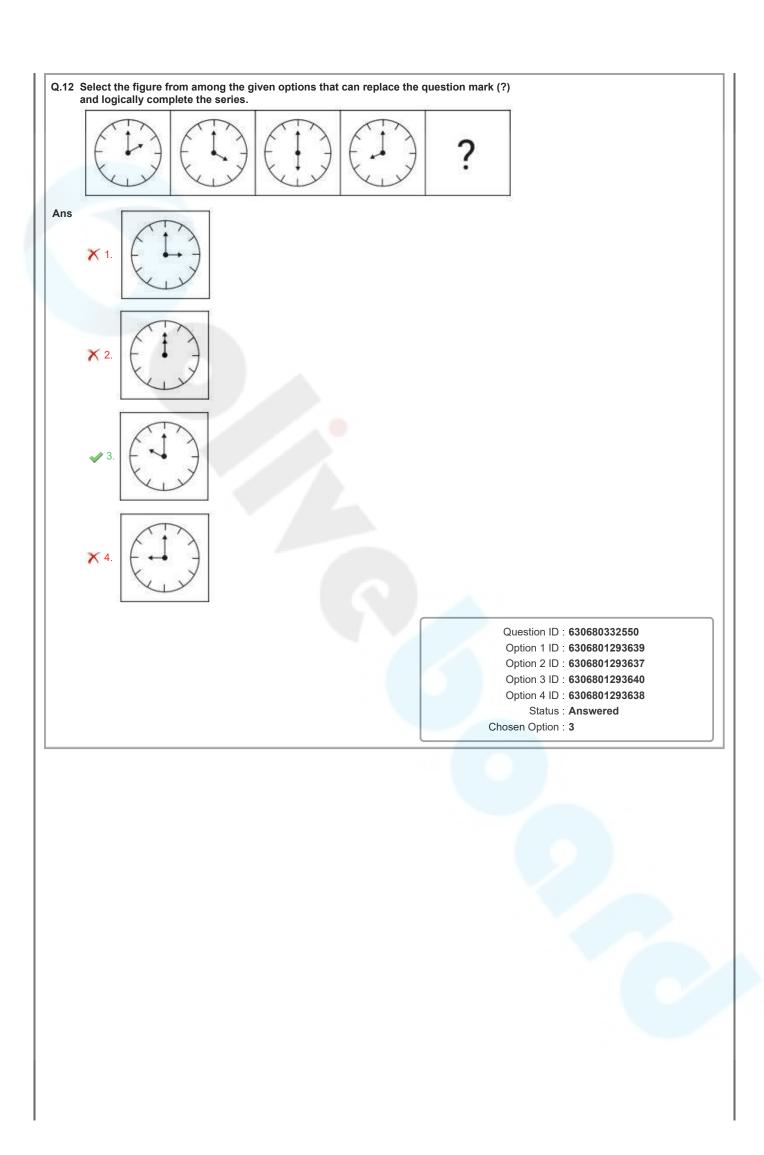
Option 3 ID : **6306801267488** Option 4 ID : **6306801267485**

Status : Answered

	Which two signs should be interchanged to make the following equation correct? $29 \times 145 + 5 - 640 \div 15 = 216$				
Ans					
	X 3 and +				
	X 4. ÷ and ×				
	T. Cita				
		Question ID : 630680204293			
		Option 1 ID : 630680792257			
		Option 2 ID: 630680792255 Option 3 ID: 630680792256			
		Option 4 ID : 630680792258			
		Status : Answered			
		Chosen Option : 2			
	Which number will come in the place of the question mar if '+' and '-' are interchanged and 'x' and ' \div ' are interchant $14 - 45 \times 5 + 6 \div 3 = ?$	k (?) in the following equation ged?			
Ans	✓ 1.5				
	X 2. 3				
	X 3. 4				
	X 4.6				
	* · · ·				
		Question ID : 630680328464			
		Option 1 ID : 6306801277827			
		Option 2 ID : 6306801277825 Option 3 ID : 6306801277826			
		Option 4 ID : 6306801277828			
		Status : Answered			
		Chosen Option : 1			
Q.7	Select the combination of letters that when sequentially properties will complete the series.	placed in the blanks of the			
	LM_O_NPMRO_KU_TI				
Ans	X 1. RPMO				
	X 2. PNOR				
	X 4. NOPR				
		Question ID : 630680325788			
		Option 1 ID : 6306801267348			
		Option 1 ID : 6306801267348 Option 2 ID : 6306801267347			
		Option 1 ID : 6306801267348 Option 2 ID : 6306801267347 Option 3 ID : 6306801267346			



 $\mbox{Q.10}\,$ Select the word pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word) Cessation : Beginning X 1. Plutonic : Abyssal 2. Enormous : Miniscule X 3. Obsession : Problem X 4. Incredible : Magnificent Question ID: 630680416647 Option 1 ID: 6306801625354 Option 2 ID: 6306801625353 Option 3 ID : **6306801625351** Option 4 ID: 6306801625352 Status : Answered Chosen Option: 4 Q.11 Select the number from among the given options that can replace the question mark (?) in the following series. 5, 10, 17, 26, 37, ? X 1. 54 Ans X 2. 52 X 3. 60 **4**. 50 Question ID: 630680411901 Option 1 ID: 6306801606440 Option 2 ID: 6306801606439 Option 3 ID: 6306801606441 Option 4 ID: 6306801606442 Status: Answered Chosen Option: 4



Q.13 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All necklaces are squares.

Some squares are circles.

No circle is a ring.

Conclusions:

I.No square is a ring.

II.No ring is a circle.

III.Some squares are necklaces.

Ans X 1. Only conclusions I and III follow.

2. Only conclusions II and III follow.

X 3. All the conclusions follow.

X 4. Only conclusion III follows.

Question ID: 630680416522

Option 1 ID: 6306801624851

Option 2 ID: 6306801624852

Option 3 ID: 6306801624854 Option 4 ID: 6306801624853

Status: Answered

Chosen Option: 4

Q.14 In a certain code language, 'TERRAIN' is written as 'VETTAIP' and 'TRAFFIC' is written as 'VTAHHIE'. How will 'MOTOR' be written in that language?

Ans X 1. OVOTO

X 2. VOOOT

X 4. OOTVO

Question ID: 630680416130

Option 1 ID: 6306801623283

Option 2 ID: 6306801623284

Option 3 ID: 6306801623286

Option 4 ID: 6306801623285 Status: Answered

Chosen Option: 3

Q.15 Which of the following terms will replace the question mark (?) in the given series? HKPT, JLNS, LMLR, ?, POHP

√ 1. NNJQ

X 2. NNIQ

X 3. NNKQ

X 4. NNQJ

Question ID: 630680416896

Option 1 ID: 6306801626350

Option 2 ID: 6306801626347

Option 3 ID: 6306801626348

Option 4 ID: 6306801626349

Status: Answered

Q.16 Select the word pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Scissors : Paper

Ans X 1. Heater : Plastic

X 2. Furnace: Water

3. Axe : Wood

X 4. Mines: Diamond

Question ID: 630680199103
Option 1 ID: 630680772119
Option 2 ID: 630680772121
Option 3 ID: 630680772120
Option 4 ID: 630680772122

Status : Answered

Chosen Option: 4

Q.17 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

(317, 202)

(438, 323)

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans X 1. (415, 295)

X 2. (391, 270)

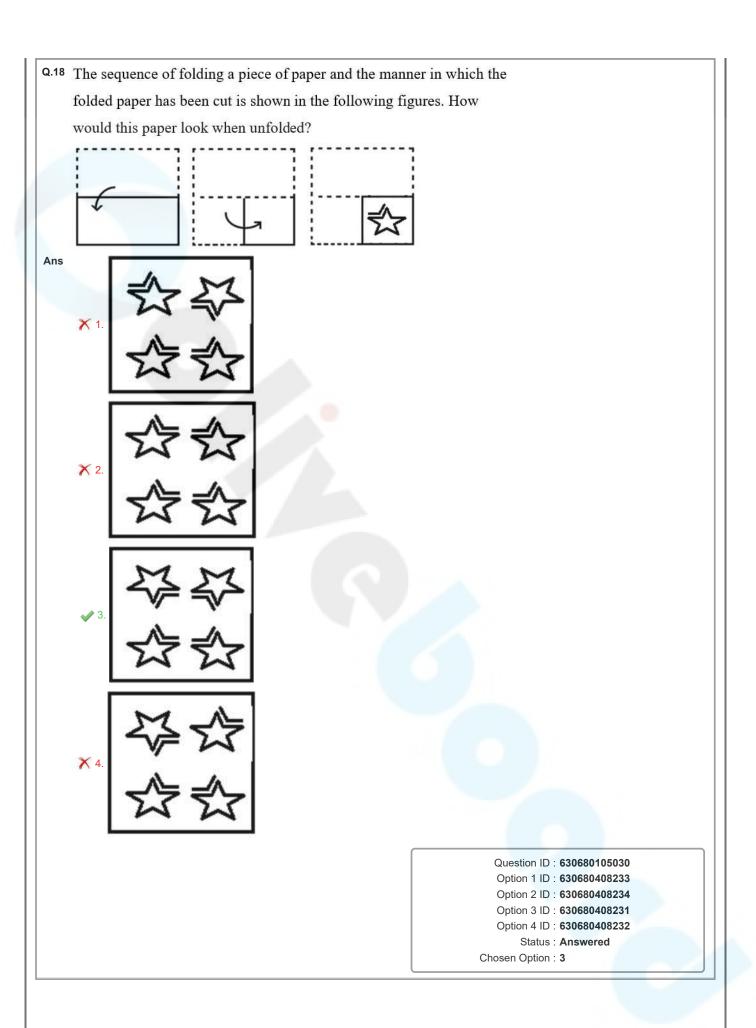
3. (402, 287)

X 4. (424, 315)

Question ID : 630680329202

Option 1 ID: 6306801280631 Option 2 ID: 6306801280630 Option 3 ID: 6306801280629 Option 4 ID: 6306801280632

Status : Answered



Q.19 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Pig : Piglets :: Deer : ? X 1. Foal X 2. Pup X 3. Calf 4. Fawn Question ID: 630680416450 Option 1 ID: 6306801624564 Option 2 ID : **6306801624565** Option 3 ID : **6306801624563** Option 4 ID: 6306801624566 Status: Not Answered Chosen Option : --Q.20 In a certain code language, 'IFF' is coded as '21' and 'ARB' is coded as '21'. How will 'CAW' be coded in that language? Ans X 1. 25 X 2. 23 X 4. 26 Question ID: 630680172181 Option 1 ID: 630680667160 Option 2 ID: 630680667161 Option 3 ID: 630680667162 Option 4 ID: 630680667163 Status : Answered Chosen Option: 3 Q.21 The position(s) of how many letters will remain unchanged if all the letters in the word 'ASTEROID' are arranged in English alphabetical order? X 1. None X 2. Two X 4. Three Question ID: 630680375919 Option 1 ID: 6306801464747 Option 2 ID: 6306801464749 Option 3 ID: 6306801464748 Option 4 ID: 6306801464750 Status: Answered Chosen Option: 3

Q.22 Six letters J, T, E, X, I and O are written on different faces of a dice. Two positions of this dice are shown in the figures below. Find the letter on the face opposite to X.





Ans

√ 1. T

X 2. O

X 3. I

X 4. E

Question ID : 630680222373
Option 1 ID : 630680863323
Option 2 ID : 630680863326
Option 3 ID : 630680863325
Option 4 ID : 630680863324
Status : Answered

Chosen Option: 1

Q.23 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair. (NOTE: The relation should be found without breaking down the numbers into its constituent digits)

Ans

1. 18 : 306

X 2. 13: 182

X 3. 25 : 650

X 4. 23 : 552

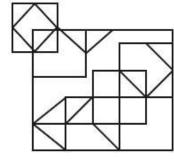
Question ID : 630680412042

Option 1 ID: 6306801607005 Option 2 ID: 6306801607004 Option 3 ID: 6306801607006 Option 4 ID: 6306801607003

Status : Answered

Chosen Option : 1

Q.24 How many triangles are there in the given figure?



Ans

1. 19

X 2. 18

X 3. 17

X 4. 16

Question ID: 630680182736

Option 1 ID : **630680708051** Option 2 ID : **630680708052** Option 3 ID : **630680708050**

Option 4 ID : **630680708049** Status : **Answered**

Q.25 22 is related to 176 following a certain logic. Following the same logic, 32 is related to 256. To which of the following is 48 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

X 1. 370

X 2. 380

X 3. 374

4. 384

Question ID: 630680344651 Option 1 ID: 6306801340914 Option 2 ID: 6306801340913 Option 3 ID: 6306801340916 Option 4 ID: 6306801340915

Status : Answered

Chosen Option: 4

Section: General Awareness

Q.1 Which types of gametes are found in Spirogyra?

✓ 1. Isogamous and non-flagellated

X 2. Heterogamous and flagellated

X 3. Isogamous and flagellated

X 4. Heterogamous and non-flagellated

Question ID: 630680407434 Option 1 ID: 6306801588674 Option 2 ID: 6306801588675 Option 3 ID: 6306801588676 Option 4 ID: 6306801588677 Status: Not Answered

Chosen Option : --

Q.2 Which Article mentions the Comptroller and Auditor General of India?

Ans X 1. Article 154

2. Article 148

X 3. Article 156

X 4. Article 136

Question ID: 630680162990 Option 1 ID: 630680631189 Option 2 ID: 630680631191 Option 3 ID: 630680631188 Option 4 ID: 630680631190 Status: Not Answered

Q.3 According to the Census of India 2001, which of the following is the main reason that Indian men migrate?

Ans X 1. Education

2. Work and employment

X 3. Business

X 4. Marriage

Question ID: 630680115848
Option 1 ID: 630680448726
Option 2 ID: 630680448727
Option 3 ID: 630680448728
Option 4 ID: 630680448729
Status: Answered

Chosen Option: 2

Q.4 Identify the INCORRECT pair regarding motion and their examples?

Ans X 1. Periodic motion – Hands of a clock

2. Oscillatory motion – Earth moving around the sun

X 3. Translatory motion – A ball falling from the cliff

X 4. Rotatory motion – blades of a fan

Question ID: 63068094229
Option 1 ID: 630680365612
Option 2 ID: 630680365613
Option 3 ID: 630680365614
Option 4 ID: 630680365611
Status: Answered

Chosen Option : 2

Q.5 Where was the 1912 session of the India National Congress held in Bihar?

Ans X 1. Sahasaram

X 2. Gaya

X 3. Madhubani

4. Bankipore

Question ID: 630680511551
Option 1 ID: 6306801999329
Option 2 ID: 6306801999327
Option 3 ID: 6306801999328
Option 4 ID: 6306801999326
Status: Not Answered

Chosen Option: --

Q.6 In which year was the temple entry movement started by Bhimrao Ambedkar?

Ans 🛷 1. 1927

X 2. 1918

X 3. 1935

X 4. 1922

Question ID: 630680412371
Option 1 ID: 6306801608310
Option 2 ID: 6306801608307
Option 3 ID: 6306801608309
Option 4 ID: 6306801608308
Status: Not Answered

Chosen Option : --

Q.7 N. Rangasamy sworn in as the Chief Minister of Puducherry in May 2021. What is the name of the party he formed?

Ans X 1. Amma Makkal Munnettra Kazagam

✓ 2. All India NR Congress

X 3. Viduthalai Chiruthaigal Katchi

X 4. Naam Tamilar Katchi

Question ID: 630680394952
Option 1 ID: 6306801540077
Option 2 ID: 6306801540076
Option 3 ID: 6306801540078
Option 4 ID: 6306801540079
Status: Not Answered

Chosen Option: --

Q.8 Who among the following is the first Indian to win gold at Junior World Weightlifting Championship in May 2022?

Ans 💜 1. Harshada Sharad Garud

X 2. Mirabai Chanu

X 3. Sathish Sivalingam

X 4. Santoshi Matsa

Question ID: 630680339492
Option 1 ID: 6306801320537
Option 2 ID: 6306801320538
Option 3 ID: 6306801320540
Option 4 ID: 6306801320539
Status: Not Answered

Chosen Option : --

Q.9 Who among the following dancers was the first one from the state of Odisha to be conferred the Padma Vibhushan Award?

Ans X 1. Uday Shankar

2. Kelucharan Mohapatra

X 3. Pandit Birju Maharaj

X 4. Guru Bipin Singh

Question ID: 630680409341
Option 1 ID: 6306801596193
Option 2 ID: 6306801596195
Option 3 ID: 6306801596194
Option 4 ID: 6306801596196
Status: Answered

Chosen Option: 2

Q.10 Which gas is evolved when iron and water react?

Ans X 1. Ammonia

X 2. Oxygen

X 3. Methane

4. Hydrogen

Question ID : 630680133823
Option 1 ID : 630680518232
Option 2 ID : 630680518230
Option 3 ID : 630680518233
Option 4 ID : 630680518231
Status : Answered

	ankalp Gupta is associated with which of the following event	s?
	X 1. Boxing	
	✓ 2. Chess	
	X 3. Wrestling	
	🗙 4. Badminton	
		Question ID: 630680510797
		Option 1 ID : 6306801996320
		Option 2 ID : 6306801996318 Option 3 ID : 6306801996321
		Option 4 ID : 6306801996319
		Status : Answered
		Chosen Option : 1
12 Al	bout what percentage of passenger traffic is carried by roads	s in India?
าร	X 1. 57%	
	✓ 2. 87%	
	X 3. 77%	
	★ 4. 67%	
		Question ID : 630680209062
		Option 1 ID : 630680810463
		Option 2 ID : 630680810466
		Option 3 ID : 630680810465
		Option 4 ID : 630680810464 Status : Not Answered
		Chosen Option :
	2. Reptilia3. Chondrichthyes4. Amphibia	
	4. Amphibia	
		Question ID : 630680314162
		Option 1 ID : 6306801222454
		Option 2 ID : 6306801222456
		Option 3 ID : 6306801222455 Option 4 ID : 6306801222453
		Status : Answered
		Chosen Option : 4
Sa	ome of the talas invented by include Trimukhi, aptamukhi and Navamukhi. X 1. Hariprasad Chaurasia	Panchamukhi,
	X 2. Bhimsen Joshi	
	🗙 4. Yashraj	
		Question ID : 630680409221
		Option 1 ID : 6306801595714
		Option 2 ID: 6306801595713
		Option 3 ID : 6306801595715
		Option 4 ID : 6306801595716 Status : Not Answered
		Chosen Option :

Q.15 Which of the following statements is INCORRECT regarding Fundamental Rights?

Ans X 1. The Fundamental Rights are mentioned in constitution from article 12 to 35.

X 2. Fundamental Rights can be enforced by Law.

X 3. Article 21 provids right to life.

4. Fundamental rights are derived from the Britain Constitution.

Question ID: 630680329443 Option 1 ID: 6306801281513 Option 2 ID: 6306801281515 Option 3 ID: 6306801281516 Option 4 ID: 6306801281514 Status: Answered

Chosen Option: 3

Q.16 Rudrankksh Patil is associated with

Ans X 1. wrestling

2. shooting

X 3. chess

X 4. badminton

Question ID: 630680309516 Option 1 ID: 6306801204217 Option 2 ID: 6306801204218 Option 3 ID: 6306801204219 Option 4 ID: 6306801204220 Status: Not Answered

Chosen Option: --

Q.17 Under which scheme are collateral free loans of up to ₹10 Lakh extended by the Member Lending Institutions (MLIs) in India?

Ans

X 1. Stand Up India scheme

🗶 2. Pradhan Mantri Jan Dhan Yojana

X 3. National Strategy for Financial Inclusion

4. Pradhan Mantri MUDRA Yojana

Question ID: 630680144740 Option 1 ID: 630680560003 Option 2 ID: 630680560005 Option 3 ID: 630680560004 Option 4 ID: 630680560002 Status: Answered

Chosen Option: 2

Q.18 Which of the following group of months is the coldest in North India?

1. December and January

X 2. September and October

X 3. February and March

X 4. October and November

Question ID: 630680362634 Option 1 ID: 6306801412289 Option 2 ID: 6306801412290 Option 3 ID: 6306801412291 Option 4 ID: 6306801412292 Status: Answered

Q.19 Which of the following was NOT one of the basic attributes of Ashokas' Dhamma? Ans X 1. Ahimsa X 2. Secularism 3. Celibacy 4. Political unification Question ID : 630680412437 Option 1 ID: 6306801608571 Option 2 ID: 6306801608574 Option 3 ID: 6306801608573 Option 4 ID: 6306801608572 Status: Answered Chosen Option: 3 Q.20 Which ocean is encircling the continent of Antarctica and extends northward to 60 degrees south latitude? X 1. Indian Ocean X 2. Atlantic Ocean 3. Southern Ocean X 4. Pacific Ocean Question ID: 63068094195 Option 1 ID: 630680365476 Option 2 ID: 630680365478 Option 3 ID: 630680365475 Option 4 ID: 630680365477 Status : Answered Chosen Option : 1 Q.21 Harmonium player, Tulsidas Borkar, was awarded with the in 2016. Ans X 1. Padma Vibhushan X 2. Padma Bhushan 3. Padma Shri X 4. Bharat Ratna Question ID: 630680415807 Option 1 ID: 6306801621996 Option 2 ID: 6306801621997 Option 3 ID: 6306801621998 Option 4 ID: 6306801621995 Status: Not Answered Chosen Option: --Q.22 The 'Make in India' initiative primarily focuses on which sector? Ans X 1. Agriculture X 2. Import X 3. Service 4. Manufacturing Question ID: 630680411078 Option 1 ID: 6306801603066 Option 2 ID: 6306801603067 Option 3 ID: 6306801603064 Option 4 ID: 6306801603065 Status: Answered

Q.23 The real name of Babur, the founder of Mughal dynasty in India was: Ans 1. Zahiruddin Muhammad 2. Irfanuddin Muhammad 3. Ruknuddin Muhammad 4. Zainuddin Muhammad

Question ID: 630680412279
Option 1 ID: 6306801607941
Option 2 ID: 6306801607942
Option 3 ID: 6306801607939
Option 4 ID: 6306801607940
Status: Answered

Chosen Option : 1

Q.24 Which of the following States have enacted the Cattle Preservation Act, 2021 in July-August 2021 to regulate slaughter and transport of cattle and proposed an amendment in December 2021 to allow inter-district transportation of cattle for agricultural and animal husbandry except in districts sharing international border?

Ans 🗳 1. Assam

X 2. Sikkim

X 3. Arunachal Pradesh

X 4. Tripura

Question ID : 630680114022 Option 1 ID : 630680441490 Option 2 ID : 630680441492 Option 3 ID : 630680441493 Option 4 ID : 630680441491 Status : Not Answered

Chosen Option : --

Q.25 Which of the following festivals observed in Assam is majorly celebrated by Vaishnavites?

Ans X 1. Bihu

X 2. Ambuchi Mela

X 3. Rongker

4. Doljatra

Question ID: 630680320059
Option 1 ID: 6306801245138
Option 2 ID: 6306801245139
Option 3 ID: 6306801245140
Option 4 ID: 6306801245137
Status: Answered

Chosen Option: 1

Section : Quantitative Aptitude

Q.1 A man buys 10 kg of wheat at a rate of ₹26/kg. The wheat is mixed with 6 kg of other good quality of wheat to get a mixture at a price of ₹35/kg. The price of good quality wheat per kg (in ₹) is: X 1. 46 Ans X 2.38 X 3. 42 **4**. 50 Question ID : 630680397522 Option 1 ID: 6306801550008 Option 2 ID: 6306801550006 Option 3 ID: 6306801550007 Option 4 ID: 6306801550009 Status: Answered Chosen Option: 4 Q.2 Ghanshyam is thrice as old as Akash. 10 years ago, Ghanshyam was four times as old What is the difference between their current ages (in years)? X 1.65 Ans **2**. 60 X 3. 50 X 4. 55 Question ID: 630680383462 Option 1 ID: 6306801494743 Option 2 ID: 6306801494744 Option 3 ID: 6306801494746 Option 4 ID: 6306801494745 Status: Answered Chosen Option : 2 Q.3 On dividing a number by 55, we get 28 as the remainder. On dividing the same number by 11, what is the remainder? X 1. 5 Ans **2**. 6 **X** 3. 7 **X** 4.8 Question ID: 630680139418 Option 1 ID: 630680539749 Option 2 ID: 630680539748 Option 3 ID: 630680539747 Option 4 ID: 630680539746 Status: Answered Chosen Option: 1

Q.4 The following table gives zone wise survey report of the people of a country who take tea. Study the table and answer the question.

Take tea	Zone			
	East	West	North	South
More than 3 times a day	1732	1842	6045	2741
1 to 3 times a day	1462	2328	2584	4264
Twice a week	2280	2529	1123	3598
Only once a week	4059	1874	3169	7051
Never	317	127	223	293

The ratio of the total number of people surveyed who take tea more than 3 times a day to the number of people who do not take tea at all is

Ans

X 1.5:107

X 2.8:103

X 3. 101 : 5

4. 103 : 8

Question ID: 630680523808
Option 1 ID: 6306802047386
Option 2 ID: 6306802047385
Option 3 ID: 6306802047384
Option 4 ID: 6306802047383

Status : **Answered** Chosen Option : **2**

Q.5 Two goods trains 132 m and 108 m in length are running towards each other on parallel tracks. The first train is running at a speed of 32 km/h and the second at a speed of 40 km/h. How much time will they take to cross each other after meeting?

Ans

√ 1. 12 s

X 2. 15 s

X 3. 10 s

X 4. 13 s

Question ID : **630680138008** Option 1 ID : **630680534328**

Option 2 ID : **630680534327** Option 3 ID : **630680534326** Option 4 ID : **630680534329**

Status : **Answered**

Q.6 What is the length (in cm) of each side of a cube if the volume of a cube is $13,824 \text{ cm}^3$? Ans X 1. 20.4 **2**. 24 **X** 3. 34 **X** 4. 22 Question ID: 630680421502 Option 1 ID: 6306801644473 Option 2 ID: 6306801644471 Option 3 ID: 6306801644472 Option 4 ID: 6306801644474 Status: Answered Chosen Option : 2 Q.7 The radii of two concentric circles are 26 cm and 10 cm. If the chord of the greater circle is a tangent to the smaller circle, then find the length of that chord. √ 1. 48 cm X 2. 28 cm X 3. 38.7 cm X 4. 28.7 cm Question ID: 630680200528 Option 1 ID: 630680777470 Option 2 ID: 630680777467 Option 3 ID: 630680777469 Option 4 ID: 630680777468 Status: Answered Chosen Option: 1 Q.8 If the mean proportional between p and q is 12, then the possible values of p and q, respectively, are: Ans X 1. 3, 28 **2**. 24, 6 **X** 3. 3, 38 **X** 4. 24, 16 Question ID: 630680428602 Option 1 ID: 6306801672454 Option 2 ID: 6306801672453 Option 3 ID: 6306801672455 Option 4 ID: 6306801672452 Status: Answered Chosen Option: 2

Q.9

Find the value of $\frac{(453 \times 453 \times 453 - 383 \times 383 \times 383)}{(453 \times 383 + 383 \times 383 + 453 \times 453)}$.

- X 1. 60 Ans
 - **X** 2. 80
 - X 3. 50
 - **4**. 70

Question ID: 630680413480

Option 1 ID: 6306801612744

Option 2 ID: 6306801612747

Option 3 ID: 6306801612746

Option 4 ID: 6306801612745

Status: Answered

Chosen Option: 4

Q.10 The radii of two circles are 8 cm and 15 cm. The perimeter of the circle having area equal to the sum of the areas of the two circles (in cm) is:

- Ans \times 1.32 π
 - \checkmark 2. 34π
 - × 3. 28π

× 4.30π

Question ID: 630680409130

Option 1 ID: 6306801595410

Option 2 ID: 6306801595409

Option 3 ID: 6306801595412

Option 4 ID: 6306801595411

Status: Not Answered

Chosen Option: --

Q.11 For what value of K does the following system have an infinite number of solutions?

- x + 2Ky 8 = 02x y 16 = 0

- Ans 💢 1. 4

 - X 4. 2

Question ID: 630680295360

Option 1 ID: 6306801149164

Option 2 ID: 6306801149167

Option 3 ID: 6306801149165

Option 4 ID: 6306801149166

Status : Answered

Q.12 In ΔDEF , DE = 12 cm, EF = 15 cm, and $\angle DEF = 90^{\circ}$. ΔDEF is congruent to ΔXYZ . If YZ = 15 cm, then what is the length of XZ?

Ans

 \times 1. $5\sqrt{41}$ cm

 \times 2. $4\sqrt{41}$ cm

× 3. 2√41 cm

✓ 4. 3√41 cm

Question ID: 630680526429
Option 1 ID: 6306802057785
Option 2 ID: 6306802057784
Option 3 ID: 6306802057782
Option 4 ID: 6306802057783

Status: Answered

Chosen Option : 4

Q.13 The table shows the sales (in units) of a company for different cities in the months of June and July, 2022. Study the table and answer the question that follows.

City	June	July
Delhi	252	332
Mumbai	325	248
Chennai	362	247
Kolkata	245	195
Pune	218	284

What is the difference between Delhi's sales for the month of June and Chennai's sales for the month of July?

Ans

X 1. 155

2. 5

X 3. 30

X 4. 80

Question ID: 630680428091
Option 1 ID: 6306801670411
Option 2 ID: 6306801670408
Option 3 ID: 6306801670409
Option 4 ID: 6306801670410

Status : Answered

Q.14 Study the given table and answer the question that follows.

The total money spent in advertisement (in ₹) and total number of advertisements in different newspapers given by a company for five years (2018 to 2022) is given in the below table.

Year	Total Money Spent in ₹ in Advertisement			Total No	of Adverti	sements
	NY Times The Others		Others	NY Times	The	Others
		Telegrap			Telegrap	
		h			h	
2018	3,50,000	3,60,000	2,10,000	10	12	15
2019	4,80,000	3,45,000	2,89,000	12	15	17
2020	6,15,000	4,00,000	5,76,000	15	20	36
2021	7,60,000	4,80,000	4,40,000	19	24	22
2022	14,00,000	3,50,000	3,09,000	38	18	30

What is the ratio of the money spent on each of the advertisements taken one from each of NY times, The Telegraph and Others for the year 2021 to that of the money spent on each of the advertisements taken one from each of NY times, The Telegraph and Others for the year 2018?

Ans X 1. 80 : 71

X 2. 71:80

3. 80 : 79

X 4. 79 : 80

Question ID: 630680991842 Option 1 ID: 6306803891687 Option 2 ID: 6306803891686 Option 3 ID: 6306803891688 Option 4 ID: 6306803891689

Status: Not Answered

Chosen Option : --

Q.15 Vipul spends 30% of his monthly income on rent, 60% of the remaining on groceries, and 40% of the remaining on others. If he saves ₹ 7056 in a month, then how much (in ₹) does he spend on groceries?

Ans X 1. 18323

2. 17640

X 3. 22386

X 4. 15230

Question ID: 630680427984 Option 1 ID: 6306801669982

Option 2 ID: 6306801669981 Option 3 ID: 6306801669983 Option 4 ID: 6306801669980

Status: Answered

Q.16 Simplify the following expression.

$$133 \div 19 \times 3 - 48 \times 2 \div 24 + 841 \div [\{\overline{45 - 16\}}]$$

- Ans X 1. 42
 - X 2. 12
 - **3**. 46
 - X 4. 21

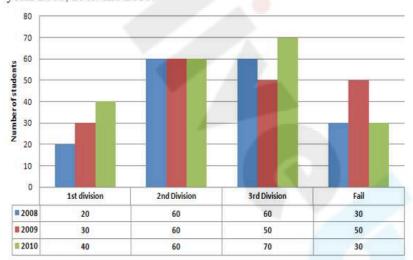
Question ID: 630680428017
Option 1 ID: 6306801670115
Option 2 ID: 6306801670112
Option 3 ID: 6306801670114
Option 4 ID: 6306801670113

Status : Answered

Chosen Option: 3

Q.17 Study the given bar graph and answer the question that follows.

The following bar graph shows the higher secondary students of a school for the years 2008, 2009 and 2010.



What was the percentage of students who passed in the first division in 2009?

Ans

- $\times 1.16\frac{15}{19}\%$
- \times 2. $15\frac{13}{19}\%$
- \times 3. $16\frac{13}{19}\%$
- **✓** 4. 15 15 15 %

Question ID : 630680428036

Option 1 ID : 6306801670190

Option 2 ID : 6306801670189

Option 3 ID: 6306801670191

Option 4 ID: 6306801670188

Status : Answered

Q.18 A cell phone is available for Rs.600 or for Rs.300 cash down payment together with Rs.360 to be paid after two months. Find the rate of interest charged under this scheme.

Ans X 1.60%

X 2. 20%

3. 120%

X 4. 50%

Question ID : 63068070185

Option 1 ID : 630680271380 Option 2 ID : 630680271378 Option 3 ID : 630680271381 Option 4 ID : 630680271379

Status: Not Answered

Chosen Option: --

Q.19 If tanA + cotA = 2, then the value of $tan^2A + cot^2A$ is:

Ans X 1.8

X 2.4

X 3. 16

4. 2

Question ID : 630680397011

Option 1 ID: 6306801548102 Option 2 ID: 6306801548101 Option 3 ID: 6306801548103 Option 4 ID: 6306801548100

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

Q.20 The value of $(\sin A + \csc A)^2 + (\cos A + \sec A)^2$ is:

Δns

$$✓$$
 1. 7 + tan²A + cot²A

 \times 2. 1 + tan²A + cot²A

 \times 3. 3 + tan²A + cot²A

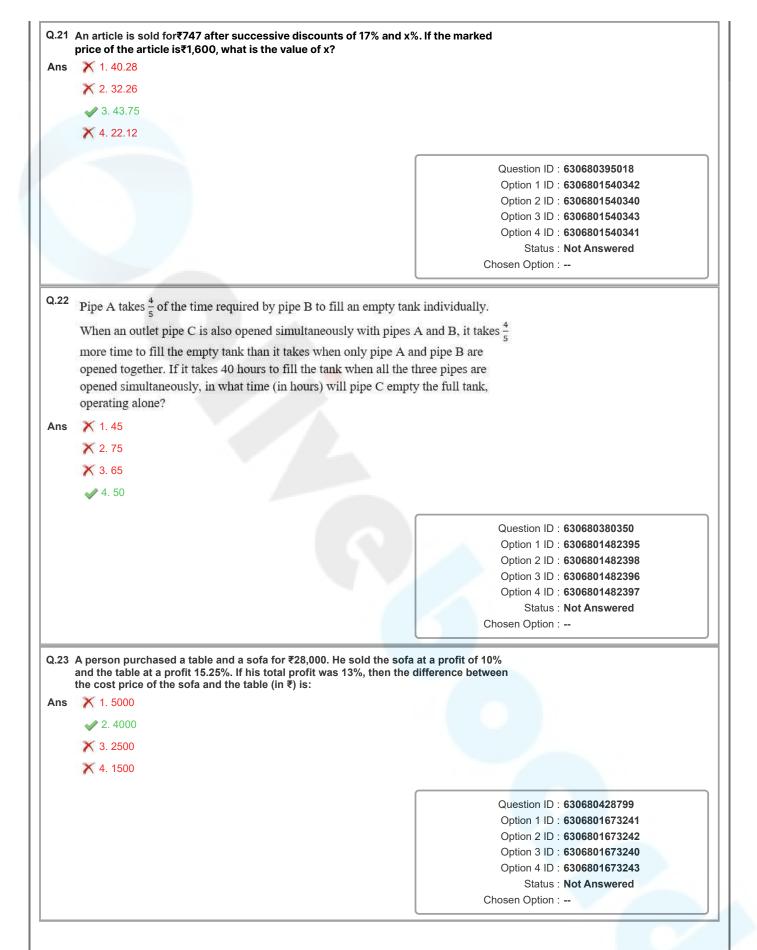
 \times 4. 5 + tan²A + cot²A

Question ID: 630680182055

Option 1 ID : **630680705442** Option 2 ID : **630680705445**

Option 3 ID : **630680705444** Option 4 ID : **630680705443**

Status : Answered



Q.24 Let C be a circle with centre O and PQ be a minor arc on C. Let R and S be two points on the major arc of PQ on C. If PQ subtends an angle 80° at O, find \angle PRQ and \angle PSQ, respectively. X 1. 40° and 50° Ans X 2. 50° and 80° X 3. 40° and 60° ✓ 4. 40° and 40° Question ID: 630680393334 Option 1 ID: 6306801533662 Option 2 ID: 6306801533665 Option 3 ID : **6306801533663** Option 4 ID: 6306801533664 Status : Answered Chosen Option : 1 Q.25 If 3 tan A = 4 and A is an acute angle, then the value of $4\sin A + 3\cos A$ is: Ans X 1. 1 **3**. 5 **X** 4. 3 Question ID : 6306801048020 Option 1 ID : **6306804114126** Option 2 ID: 6306804114128 Option 3 ID: 6306804114129 Option 4 ID: 6306804114127 Status: Answered Chosen Option: 3 Section: English Comprehension Q.1 Select the correct spelling to fill in the blank. Definitions of _ _ are subjective to various interpretations. Ans X 1. soverenty 2. sovereignty X 3. sovereinity X 4. suvereignty Question ID: 630680409974 Option 1 ID: 6306801598728 Option 2 ID: 6306801598726 Option 3 ID: 6306801598727 Option 4 ID: 6306801598725 Status: Answered Chosen Option: 2

Q.2 Select the most appropriate ANTONYM of the given word. Foment Ans X 1. Separation X 2. Remoteness X 3. Proximity 4. Regulate Question ID : 630680396896 Option 1 ID: 6306801547652 Option 2 ID: 6306801547655 Option 3 ID: 6306801547654 Option 4 ID: 6306801547653 Status : Answered Chosen Option: 4 Q.3 Select the most appropriate ANTONYM of the given word. Ans ✓ 1. Friendly X 2. Incoherent X 3. Doubtful X 4. Eager Question ID: 630680396859 Option 1 ID: 6306801547505 Option 2 ID: 6306801547504 Option 3 ID: 6306801547506 Option 4 ID: 6306801547507 Status: Answered Chosen Option : 1 Q.4 Select the most appropriate meaning of the underlined word. At times, David behaves in a very <u>obdurate</u> manner to kids. X 1. envious Ans 2. obstinate X 3. amiable X 4. trusting Question ID: 630680182097 Option 1 ID: 630680705613 Option 2 ID: 630680705611 Option 3 ID: 630680705610 Option 4 ID: 630680705612 Status: Answered Chosen Option : 1

Q.5 Select the most appropriate synonym of the underlined word in the following sentence. Sachin Tendulkar was an indispensable member of the Indian cricket team in his days. X 1. Optional 2. Essential X 3. Functional X 4. Motivational Question ID: 630680329119 Option 1 ID: 6306801280300 Option 2 ID: 6306801280298 Option 3 ID: 6306801280299 Option 4 ID: 6306801280297 Status: Answered Chosen Option: 2 Q.6 The following sentence has been divided into four segments. Identify the segment in which the article has been used INCORRECTLY. Master Sam / is a heaviest / boy in / grade twelve. X 1. Master Sam Ans X 2. grade twelve. 3. is a heaviest X 4. boy in Question ID: 630680206692 Option 1 ID: 630680801367 Option 2 ID: 630680801370 Option 3 ID: 630680801368 Option 4 ID: 630680801369 Status : Answered Chosen Option: 3 Select the option that expresses the given sentence in active voice. He was given a reward for his contribution by the Governor. Ans 1. The governor rewarded him. 2. For his contribution, he was rewarded by the governor. 3. The governor gave him a reward for his contribution. 4. Rewarded by the governor, as he contributed along. Question ID : 630680415155 Option 1 ID: 6306801619367

Question ID : 630680415155

Option 1 ID : 6306801619367

Option 2 ID : 6306801619369

Option 3 ID : 6306801619368

Option 4 ID : 6306801619370

Status : Answered

Question ID : 630680145434

Option 1 ID : 630680562713

Option 2 ID : 630680562712

Option 3 ID : 630680562710

Option 4 ID : 630680562711

Status : Answered

Chosen Option: 2

Q.9 Select the most appropriate meaning of the underlined idiom in the following sentence.

Rahul won the extempore competition. He is lucky to be blessed with the gift of the gab.

Ans X 1. A lucky person

X 2. An honest person

3. A talent for speaking

X 4. A big surprise

Question ID: 630680316705 Option 1 ID: 6306801232000 Option 2 ID: 6306801231998 Option 3 ID: 6306801231999 Option 4 ID: 6306801231997

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

Q.10 Sentences of a paragraph are given below in jumbled order. Select the option that arranges the sentences in the correct logical sequence to form a meaningful and coherent paragraph.

a. It regulates the operation of all body organs and protects the body and mind from becoming unbalanced as a result of negative circumstances and unhealthy lifestyles.

b. It only requires frequent practice of the proper body motions and breathing techniques.

c. The physical benefits of yoga can be enjoyed for a lifetime without risk or injury.

d. It regulates the relationship between the body, the intellect, and the spirit.

Ans X 1. b, a, c, d

X 2. a, b, c, d

X 3. d, a, b, c

√ 4. c, b, d, a

Question ID: 630680180681

Option 1 ID : **630680700220** Option 2 ID : **630680700222**

Option 3 ID: 630680700223

Option 4 ID: 630680700221

Status : Answered

Q.11 Select the most appropriate synonym of the given word. Cascade X 1. Criticise X 2. Arcade 3. Waterfall X 4. Garden Question ID: 630680158457 Option 1 ID: 630680613353 Option 2 ID: 630680613354 Option 3 ID: 630680613352 Option 4 ID: 630680613355 Status: Answered Chosen Option: 1 Q.12 Select the option that expresses the given sentence in passive voice. We have to say little in this matter. Ans X 1. In this matter, little is to be said. 2. Little has to be said in this matter. X 3. In this matter, little must be said. X 4. Little had to be said in this matter. Question ID: 630680295320 Option 1 ID: 6306801149006 Option 2 ID: 6306801149005 Option 3 ID: 6306801149007 Option 4 ID: 6306801149004 Status: Answered Chosen Option: 2 Q.13 Select the most appropriate option to substitute the underlined segment in the given sentence. Positive self-talk have a great affect on one's self-worth. X 1. having a great affect Ans 2. has a great effect X 3. has a great affect X 4. have a great effect Question ID : 630680182490 Option 1 ID: 630680707115 Option 2 ID: 630680707113 Option 3 ID: 630680707112 Option 4 ID: 630680707114 Status: Answered Chosen Option: 2

Q.14 Select the most appropriate option to fill in the blank. about showing up for work because he believes that tardiness Sharat is always gets us nowhere. Ans 1. punctual X 2. patient X 3. selective X 4. drowsy Question ID: 630680162154 Option 1 ID: 630680627926 Option 2 ID: 630680627927 Option 3 ID: 630680627925 Option 4 ID: 630680627924 Status: Answered Chosen Option : 1 Q.15 Select the option that can be used as a one-word substitute for the given group of That which is no longer in existence Ans X 1. Vanished X 2. Removed X 3. Destroyed 4. Extinct Question ID: 630680414758 Option 1 ID: 6306801617777 Option 2 ID: 6306801617776 Option 3 ID: 6306801617778 Option 4 ID: 6306801617775 Status : Answered Chosen Option: 4 Q.16 Select the most appropriate option to substitute the underlined segment in the given sentence. I had not only helped her by giving hints but also with providing her links. ✓ 1. helped her not only by Ans X 2. helped not only her by X 3. helped her only by X 4. helped her not by Question ID: 630680158966 Option 1 ID: 630680615332 Option 2 ID: 630680615335 Option 3 ID: 630680615333 Option 4 ID: 630680615334 Status: Answered Chosen Option: 1

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence.

Nina has not yet learned how to straighten up and fly right.

Ans X 1. be professional in flying the aircraft

X 2. forget the wrongdoings of the others

3. improve her absurd behaviour and act seriously

X 4. remember the past and prepare for the future

Question ID: 630680206944
Option 1 ID: 630680802375
Option 2 ID: 630680802376
Option 3 ID: 630680802378
Option 4 ID: 630680802377

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

Q.18 Parts of the following sentence have been given as options. Select the option that contains an error.

Deepak is studying B.tech. at IIT Delhi to become the engineer.

Ans X 1. B.tech. at IIT Delhi

X 2. Deepak is studying

3. the engineer

X 4. to become

Question ID: 630680514363
Option 1 ID: 6306802010078
Option 2 ID: 6306802010077
Option 3 ID: 6306802010080
Option 4 ID: 6306802010079

Status : Answered

Chosen Option: 3

Q.19 Select the option that can be used as a one-word substitute for the given group of words.

Dealing with things in a practical and sensible way

Ans X 1. Stoic

X 2. Sceptic

3. Pragmatic

X 4. Cynic

Question ID: 630680405387

Option 1 ID : **6306801580758** Option 2 ID : **6306801580759**

Option 3 ID: 6306801580761

Option 4 ID: 6306801580760

Status: Not Answered

Ans	1. Atempt					
	★ 2. Agree					
	X 3. Admit					
	X 4. Guilty					
	4. Guilty					
		Question ID : 630680375542				
		Option 1 ID : 6306801463325				
		Option 2 ID : 6306801463324				
		Option 3 ID : 6306801463326				
		Option 4 ID: 6306801463323				
		Status : Answered				
		Chosen Option : 1				
_	Comprehension:					
	In the following passage, some words have been deleted. Read the	e nassage carefully and				
	select the most appropriate option, in the questions that follow, to f					
	A dance which is created or choreographed and performed accord	ing (1) the				
	tenets of the Natya Shastra is called a classical dance. The two broad (2) of					
	classical dancing are the tandava and the lasya. Power and force are typical of the tandava; grace and delicacy of the lasya. Tandava is (3) with Shiva, and lasya with					
	Parvati. Dance which is pure movement is called nritta, and dance					
	(4) in nature is called nritya. A dancer, in the cla					
	years of training before he or she can begin to perform on the stage. The four main (5) of classical dancing in India are: Bharat Natyam, Kathakali, Manipuri,					
	Kathak .Bharat Natyam is the oldest and most popular dance-form					
	SubQuestion No : 21					
21	Select the most appropriate option to fill in blank number 1.					
าร	X 1. with					
	X 2. for					
	✓ 3. to					
	★ 4. of					
	4.01					
		Question ID : 630680156793				
		Option 1 ID : 630680606808				
		Option 2 ID : 630680606809				
		Option 3 ID : 630680606811				
		Option 4 ID: 630680606810				
		Status : Answered				
		Status : Allswelled				
		Chosen Option : 3				

Q.20 Select the INCORRECTLY spelt word.

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option, in the questions that follow, to fill in each blank. A dance which is created or choreographed and performed according (1)_ tenets of the Natya Shastra is called a classical dance. The two broad (2) classical dancing are the tandava and the lasya. Power and force are typical of the tandava; grace and delicacy of the lasya. Tandava is (3)_____ __ with Shiva, and lasya with Parvati. Dance which is pure movement is called nritta, and dance which is in nature is called nritya. A dancer, in the classical tradition, has to have years of training before he or she can begin to perform on the stage. The four main of classical dancing in India are : Bharat Natyam, Kathakali, Manipuri, Kathak .Bharat Natyam is the oldest and most popular dance-form of India. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans X 1. options 2. aspects X 3. criteria X 4. display Question ID: 630680156794 Option 1 ID: 630680606812 Option 2 ID: 630680606814 Option 3 ID: 630680606813 Option 4 ID: 630680606815 Chosen Option : 2 Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option, in the questions that follow, to fill in each blank. A dance which is created or choreographed and performed according (1) tenets of the Natya Shastra is called a classical dance. The two broad (2) classical dancing are the tandava and the lasya. Power and force are typical of the tandava; grace and delicacy of the lasya. Tandava is (3)_ with Shiva, and lasya with Parvati. Dance which is pure movement is called nritta, and dance which is _ in nature is called nritya. A dancer, in the classical tradition, has to have years of training before he or she can begin to perform on the stage. The four main of classical dancing in India are : Bharat Natyam, Kathakali, Manipuri, Kathak .Bharat Natyam is the oldest and most popular dance-form of India.

SubQuestion No: 23

Q.23 Select the most appropriate option to fill in blank number 3.

X 1. renovate

2. associated

3. flourished

X 4. informed

Question ID: 630680156795 Option 1 ID: 630680606818 Option 2 ID: 630680606817 Option 3 ID: 630680606819 Option 4 ID: 630680606816 Status: Answered

Status : Answered

	Comprehension:					
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option, in the questions that follow, to fill in each blank. A dance which is created or choreographed and performed according (1) the tenets of the Natya Shastra is called a classical dance. The two broad (2) of classical dancing are the tandava and the lasya. Power and force are typical of the tandava; grace and delicacy of the lasya. Tandava is (3) with Shiva, and lasya with Parvati. Dance which is pure movement is called nritta, and dance which is (4) in nature is called nritya. A dancer, in the classical tradition, has to have years of training before he or she can begin to perform on the stage. The four main (5) of classical dancing in India are: Bharat Natyam, Kathakali, Manipuri, Kathak .Bharat Natyam is the oldest and most popular dance-form of India.					
	SubQuestion No : 24					
Q.24	Select the most appropriate option to fill in blank number 4.					
Ans	X 1. vegetative					
	X 2. haphazard					
	X 3. commodious					
	✓ 4. interpretative					
	4. Interpretative					
		Question ID : 630680156796				
	Option 1 ID : 630680606822					
		Option 2 ID : 630680606823				
		Option 3 ID : 630680606821				
	Option 4 ID : 630680606820					
		Status : Not Answered				
		Chosen Option :				
Q.25 Ans	Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option, in the questions that follow, to fill in each blank. A dance which is created or choreographed and performed according (1) the tenets of the Natya Shastra is called a classical dance. The two broad (2) of classical dancing are the tandava and the lasya. Power and force are typical of the tandava; grace and delicacy of the lasya. Tandava is (3) with Shiva, and lasya with Parvati. Dance which is pure movement is called nritta, and dance which is (4) in nature is called nritya. A dancer, in the classical tradition, has to have years of training before he or she can begin to perform on the stage. The four main (5) of classical dancing in India are: Bharat Natyam, Kathakali, Manipuri, Kathak .Bharat Natyam is the oldest and most popular dance-form of India. SubQuestion No: 25 Q.25 Select the most appropriate option to fill in blank number 5. Ans					
	X 2. terminologies					
	X 3. characters					
	X 4. functions					
	A T. IUIICIIOTIS					
		Question ID : 630680156797				

Question ID : 630680156797 Option 1 ID : 630680606825 Option 2 ID : 630680606824 Option 3 ID : 630680606827 Option 4 ID : 630680606826 Status : Answered