### Combined Graduate level Examination 2023 Tier I

Roll Number	<u>-</u>
Candidate Name	
Venue Name	
Exam Date	18/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section: General Intelligence and Reasoning

Q.1 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

17:189::13:69::18:?

Ans 1. 224

X 2. 241

X 3. 214

X 4. 242

Question ID: 264330143712

Status : Answered

Chosen Option : 1

Q.2 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 males are boys.

Some teachers are boys.

All students are teachers.

Conclusions:

I. Some boys are males.

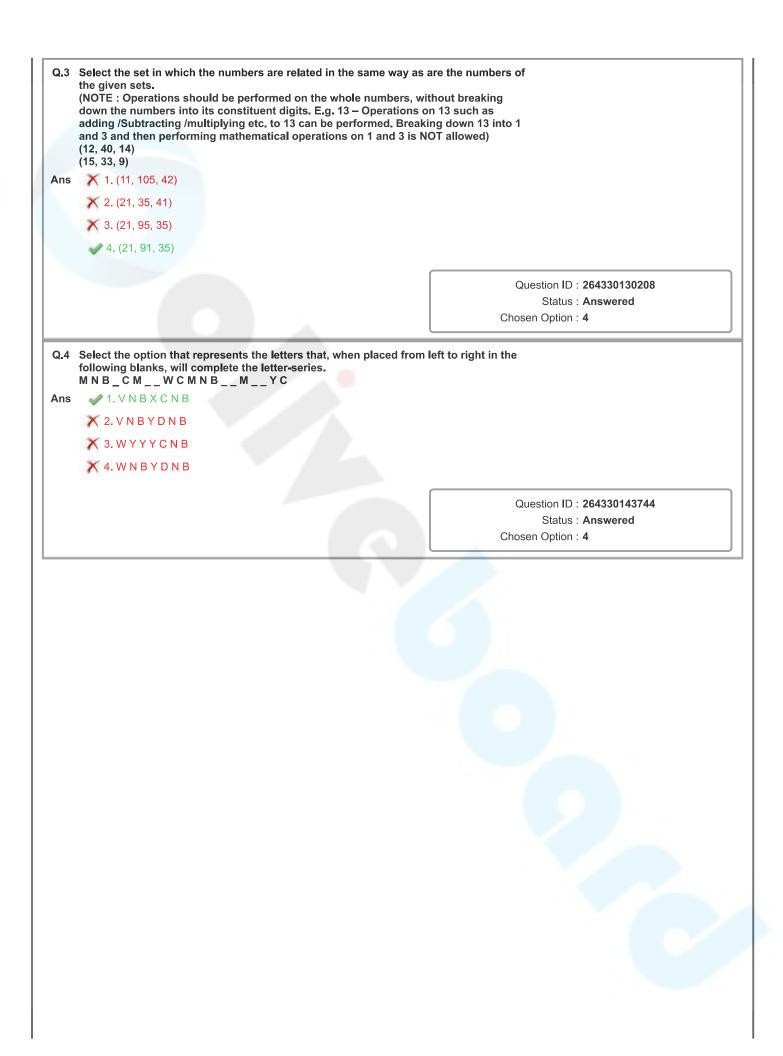
II. Some teachers are students.

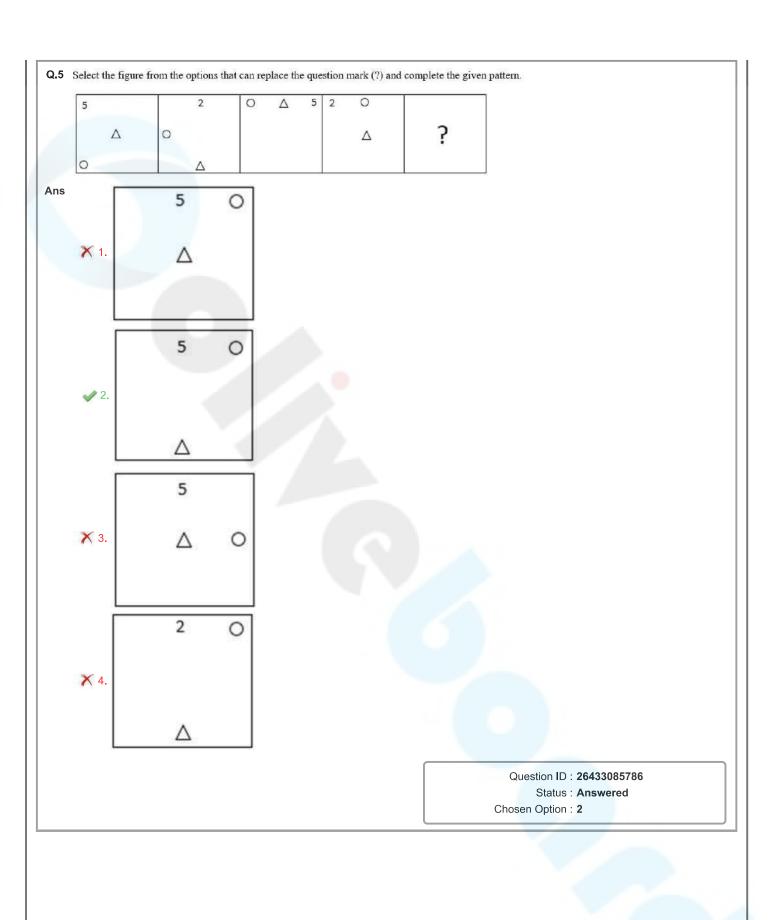
X 2. Only conclusions II and III follow

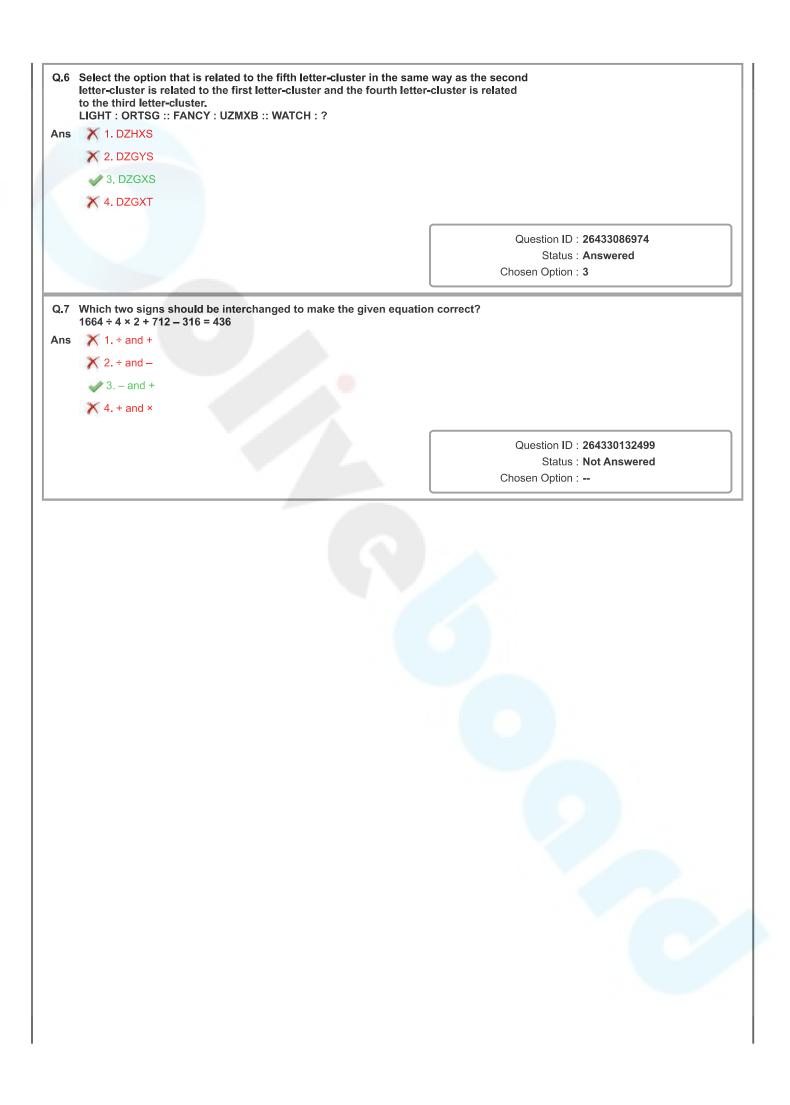
X 4. Only conclusions I and III follow

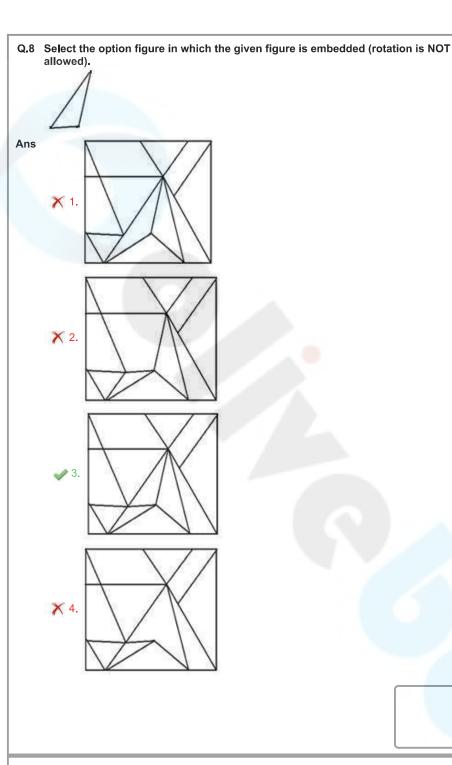
Question ID : 264330143721

Status : Answered









Question ID: 26433067427 Status : Answered Chosen Option: 3

Q.9 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

\_\_BFGDM \_\_G \_MBF \_D \_B \_G

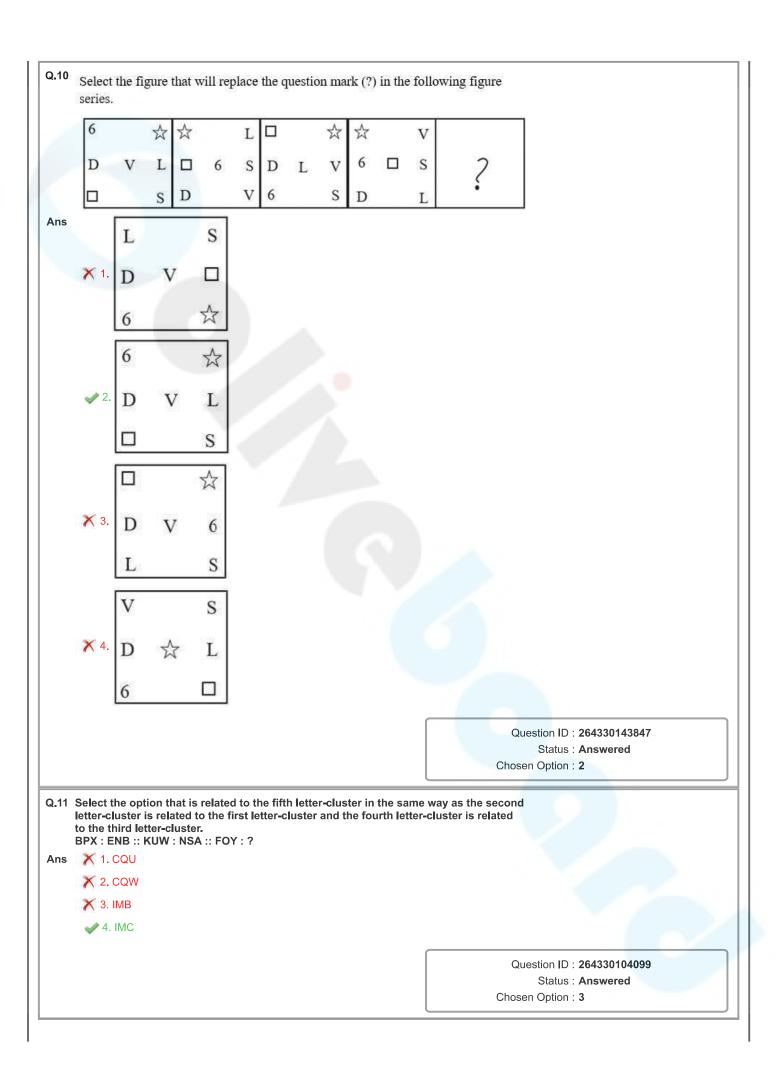
X 1. DMFBDGMF

2. DMBFDGMF

X 3. DFBMDGMF

X 4. DMBFGDFM

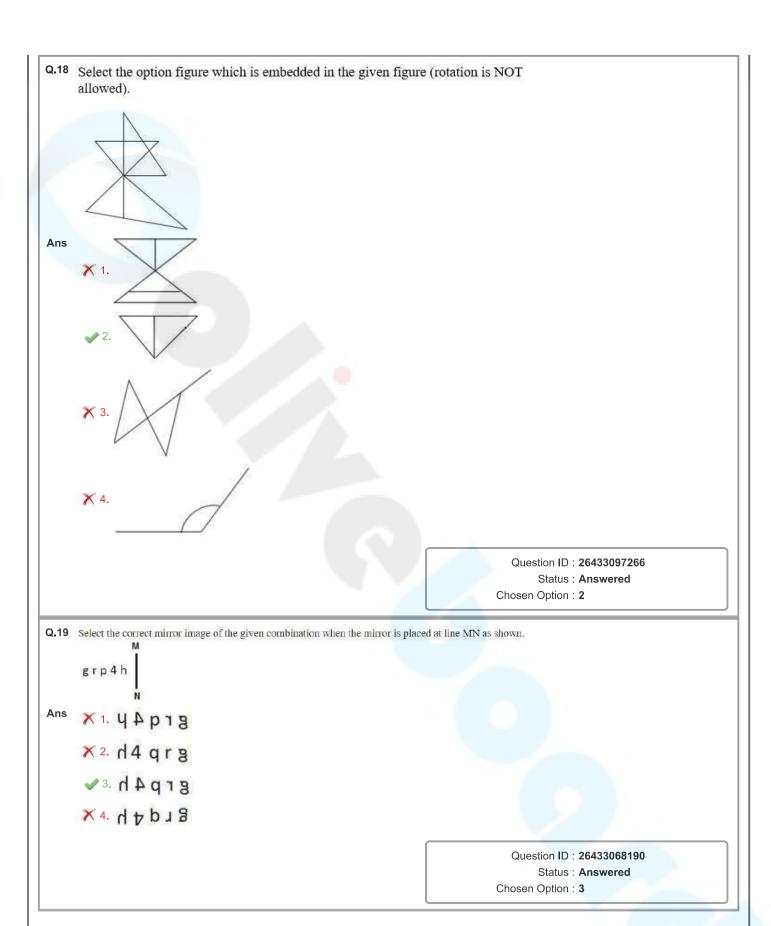
Question ID: 26433090010 Status : Answered



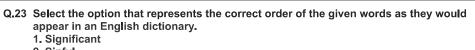
mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair. **X** 1. (24, 195) **X** 2. (26, 211) **3.** (25, 200) X 4. (36, 291) Question ID: 264330143691 Status: Not Answered Chosen Option: --Q.13 Looking at a picture of a girl Veronica said, "She is the mother of my husband's brother's daughter." How is Veronica related to the girl in the picture? Ans X 1. Mother's sister 2. Husband's Brother's wife X 3. Father's Brother's daughter X 4. Mother Question ID: 26433092751 Status: Answered Chosen Option: 2 Q.14 Select the set in which the numbers are related in the same way as are the numbers of the given set. (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 /subtracting /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.) (54, 32, 66)(49, 31, 54)**1.** (39, 18, 63) Ans **X** 2. (44, 28, 52) **X** 3. (68, 49, 55) **X** 4. (55, 30, 70) Question ID: 264330134929 Status: Not Answered Chosen Option: --Q.15 Select the number from among the given options that can replace the question mark (?) in the following series. 4, 11, 20, 31, 44, ? Ans X 1.61 X 2.63 X 3.57 **4.** 59 Question ID: 264330106285 Status: Answered Chosen Option: 4

Q.12 The second number in the given number-pairs is obtained by performing certain

Q.16 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 curtains are doormats. Some doormats are pillows. Some pillows are bedsheets. Conclusions: I. Some bedsheets are doormats. II. Some bedsheets are curtains. III. Some pillows are doormats. 1. Only conclusion III follows. X 2. Only conclusion I follows. X 3. Only conclusion II follows. X 4. All conclusions follow. Question ID: 26433093153 Status : **Answered** Chosen Option: 3 Q.17 If exactly 1 year and 2 days later it is Tuesday, then what day is it today? It is not a leap year. X 1. Sunday Ans X 2. Monday 3. Saturday X 4. Tuesday Question ID: 26433057673 Status : **Answered** Chosen Option: 3



Q.20 In a certain code language, 'PUBLIC' is written as 'TIEIUY' and 'SERVER' is written as 'WEUSEN'. How will 'DIRECT' be written in that language? √ 1. HCUBIP X 2. PICBUH X 3. HICBUP X 4. PCUBIH Question ID: 26433055921 Status: Not Answered Chosen Option: --Q.21 Select the set in which the numbers are related in the same way as are the numbers of the following sets. (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 /Subtracting/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) (36, 6, 18) (35, 5, 21) **Ans 1.** (49, 7, 21) **X** 2. (63, 7, 98) **X** 3. (100, 5, 40) **X** 4. (76, 13, 5) Question ID: 26433089576 Status: Not Answered Chosen Option : --Q.22 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation. 17 \* 21 \* 7 \* 5 \* 4 \* 34 Ans X 1. ÷, -, +, ×, = ✓ 2. –, ÷, +, ×, = X 3. +, ×, ÷, \_, = X 4. ×, -, ÷, +, = Question ID: 26433056940 Status: Answered Chosen Option: 2



- 2. Sinful
- 3. Signed
- 4. Singing 5. Simplify

Ans

- **1.** 3,1,5,2,4
- **X** 2. 3,5,1,2,4
- X 3. 3,2,1,5,4
- **X** 4. 3,1,2,5,4

Question ID: 264330130704 Status : **Answered** 

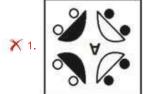
Chosen Option : 1

Q.24 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



Ans









Question ID: 26433067408 Status : Answered

Chosen Option: 4

	with his daughters, D and P. M is travelling with his mater mother of M. How is Y related to P?	<del>g</del>
Ans	X 1. Daughter	
	2. Mother	
	X 3. Grandmother	
	X 4. Sister	
		Question ID: 264330118671
		Status : Marked For Review
		Chosen Option : 3
Sectio	on : <b>General Awareness</b>	
Q.1	The cultivation of was introduced on the Baba Bud	dan Hills in India.
Ans	X 1. silk	
	X 2. tea	
	X 4. cardamom	
		Question ID: 264330110632
		Status : Not Answered Chosen Option :
		Unosen Upilon *
		Shooti Spiloti
Q.2 Ans	Due to attraction of the sun and the moon, what is the free of ocean water in a day?  1. Two	
	of ocean water in a day?	
	of ocean water in a day?  1. Two	
	of ocean water in a day?  1. Two  2. Three  3. Four	
	of ocean water in a day?  1. Two  2. Three	
	of ocean water in a day?  1. Two  2. Three  3. Four	quency of up and falls down  Question ID: 264330111562
	of ocean water in a day?  1. Two  2. Three  3. Four	Question ID : 264330111562 Status : Answered
	of ocean water in a day?  1. Two  2. Three  3. Four	quency of up and falls down  Question ID : 264330111562
	of ocean water in a day?  1. Two  2. Three  3. Four	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s  1. Prarthana Samaj  2. Arya Samaj	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s  1. Prarthana Samaj  2. Arya Samaj  3. Theosophical Society	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s  1. Prarthana Samaj  2. Arya Samaj	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s  1. Prarthana Samaj  2. Arya Samaj  3. Theosophical Society	Question ID : 264330111562 Status : Answered Chosen Option : 1
Ans	of ocean water in a day?  1. Two  2. Three  3. Four  4. One  RG Bhandarkar was a popular leader of which reforming s  1. Prarthana Samaj  2. Arya Samaj  3. Theosophical Society	Question ID : 264330111562 Status : Answered Chosen Option : 1

	<b>X</b> 2. 1961	
	<b>✓</b> 3. 1984	
	X 4. 1982	
	47 1. 1002	
		Question ID: 264330110350
		Status : Not Answered
		Chosen Option :
).5	was the first woman to be ordained as a b	hikkhuni in the Buddhism.
ns	X 1. Dhammananda Bhikkhuni	
	X 2. Sujata	
	3. Mahapajapati Gotami	
	X 4. Sanghamitta	
		Question ID: 264330114061
		Status : Not Answered
Q.6 Ans	A non-SI unit called 'nit' is the unit of which of the foused to measure a multitude of light intensity?  1. Luminous exposure 2. Luminance	Status : Not Answered Chosen Option :
	<ul> <li>used to measure a multitude of light intensity?</li> <li>1. Luminous exposure</li> <li>2. Luminance</li> <li>3. Luminosity</li> </ul>	Status : Not Answered Chosen Option :
	<ul><li>used to measure a multitude of light intensity?</li><li>1. Luminous exposure</li><li>2. Luminance</li></ul>	Status : Not Answered Chosen Option :
	<ul> <li>used to measure a multitude of light intensity?</li> <li>1. Luminous exposure</li> <li>2. Luminance</li> <li>3. Luminosity</li> </ul>	Status : Not Answered Chosen Option :  ollowing photometric quantities
	<ul> <li>used to measure a multitude of light intensity?</li> <li>1. Luminous exposure</li> <li>2. Luminance</li> <li>3. Luminosity</li> </ul>	Status : Not Answered Chosen Option :
	<ul> <li>used to measure a multitude of light intensity?</li> <li>1. Luminous exposure</li> <li>2. Luminance</li> <li>3. Luminosity</li> </ul>	Status: Not Answered Chosen Option:  ollowing photometric quantities  Question ID: 264330110043
Ans	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  4. Luminous emittance	Chosen Option :  Ollowing photometric quantities  Question ID : 264330110043 Status : Not Answered Chosen Option :
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Ans	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation programme for students, preparation programme.	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation programme for students, preparation	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation programme for students, preparation programme.	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation programme for students, preparation	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool
Q.7	used to measure a multitude of light intensity?  X 1. Luminous exposure  2. Luminance  X 3. Luminosity  X 4. Luminous emittance  On 29 July 2021, the Government of India launched preparation programme for students, preparation programme for students, preparation	Status: Not Answered Chosen Option:  Ollowing photometric quantities  Question ID: 264330110043 Status: Not Answered Chosen Option:  Vidya Pravesh, a preschool ring the children for school.

		cy can be traced to which of the
Ans	following?  X 1. Gandhi Irwin Pact	
1110	X 2. Poona Pact	
	X 3. Second Round Table Conference	
	4. Karachi Resolution	
	4. Karachi Resolution	
		Question ID : 264330110582
		Status : Answered
		Chosen Option: 3
Q.9	Industries are classified into cate	gories in the Industrial Policy Resolution.
Ans	X 1. five	
	× 2. four	
	X 4. two	
		Question ID : 264330112529
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		Chosen Option . 3
Q.10	'We have wings' is associated with which of th	ne following sports events?
Ans	√ 1. Paralympic 2020	
	X 2. Olympic 2016	
	X 3. Olympic 2020	
	X 4. Winter Olympic 2020	
		Question ID : 264330109675
		Status : Answered
Q.11	Which of the following is NOT a freshwater lal	Status : <b>Answered</b> Chosen Option : <b>1</b>
	Which of the following is NOT a freshwater lal	Status : <b>Answered</b> Chosen Option : <b>1</b>
	_	Status : <b>Answered</b> Chosen Option : <b>1</b>
	1. Pulicat	Status : <b>Answered</b> Chosen Option : <b>1</b>
	1. Pulicat  2. Loktak	Status : <b>Answered</b> Chosen Option : <b>1</b>
	<ul><li>1. Pulicat</li><li>2. Loktak</li><li>3. Bhimtal</li></ul>	Status : <b>Answered</b> Chosen Option : <b>1</b>
	<ul><li>1. Pulicat</li><li>2. Loktak</li><li>3. Bhimtal</li></ul>	Status : Answered Chosen Option : 1  Ke in India?  Question ID : 264330113283
	<ul><li>1. Pulicat</li><li>2. Loktak</li><li>3. Bhimtal</li></ul>	Status : Answered Chosen Option : 1  Re in India?  Question ID : 264330113283 Status : Answered
	<ul><li>1. Pulicat</li><li>2. Loktak</li><li>3. Bhimtal</li></ul>	Status : Answered Chosen Option : 1  Ke in India?  Question ID : 264330113283
Ans	<ul><li>1. Pulicat</li><li>2. Loktak</li><li>3. Bhimtal</li></ul>	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4
Ans Q.12	1. Pulicat 2. Loktak 3. Bhimtal 4. Nainital	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4
Q.12	1. Pulicat 2. Loktak 3. Bhimtal 4. Nainital	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4
Ans Q.12	1. Pulicat 2. Loktak 3. Bhimtal 4. Nainital  Single-celled life forms were discovered by Al 1. 1774	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4
Ans Q.12	1. Pulicat 2. Loktak 3. Bhimtal 4. Nainital  Single-celled life forms were discovered by An 1. 1774 2. 1884	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4
Ans	1. Pulicat  2. Loktak  3. Bhimtal  4. Nainital  Single-celled life forms were discovered by An  1. 1774  2. 1884  3. 1837	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4  Inton Van Leeuwenhoek in
Ans Q.12	1. Pulicat  2. Loktak  3. Bhimtal  4. Nainital  Single-celled life forms were discovered by An  1. 1774  2. 1884  3. 1837	Status: Answered Chosen Option: 1  Question ID: 264330113283 Status: Answered Chosen Option: 4

Q.13 Match the following neighbouring countries of India with their official languages. Country Official Language 1. Sri Lanka a. Dzongkha 2. Bhutan b. Burmese 3. Myanmar c. Sinhala **Ans** X 1. 1-a, 2-c, 3-b X 2. 1-a, 2-b, 3-c √ 3. 1-c, 2-a, 3-b X 4. 1-b, 2-a, 3-c Question ID: 264330132765 Status : Answered Chosen Option: 3 Q.14 Who led the Revolt of 1857 in Bihar? Ans X 1. Azimullah X 2. Bakht Khan 3. Veer Kunwar Singh X 4. Maulvi Ahmadullah Question ID: 264330109038 Status: Answered Chosen Option: 3 Q.15 Thabal Chongba is a folk dance of which Indian state? Ans X 1. Goa X 2. Mizoram 3. Manipur X 4. West Bengal Question ID: 264330109593 Status: Not Answered Chosen Option: --Q.16 Sisodiya Rajput ruler of Mewar, Amar Singh accepted Mughal services during the reign Ans X 1. Akbar 2. Jahangir X 3. Aurangzeb X 4. Babur Question ID: 264330114092 Status: Answered Chosen Option: 1

## Q.17 Select the INCORRECT statement about Gymnosperms. Ans X 1. Gymnosperms are found as woody shrubs, trees or lianas and include no true aquatics and few epiphytes. 2. Gymnosperms are seedless flowering plants. X 3. Gymnosperms are typically slow in terms of reproduction; up to a year may pass between pollination and fertilisation and seed maturation may require 3 years. X 4. Gymnosperms exhibit cones or strobili and naked seeds, but not flowers. Question ID: 264330112814 Status: Not Answered Chosen Option: --Q.18 The total number of Ministers, including the Chief Minister, in the Council of Ministers in a State shall NOT exceed \_ of the total number of members of the Legislative Assembly of that State. Ans X 1. twenty percent X 2. ten percent 3. fifteen percent X 4. twenty five percent Question ID: 264330134576 Status : Not Attempted and Marked For Review Chosen Option: --Q.19 Identify an application in which solar cells are NOT used. Ans X 1. Radio X 2. Space probes 3. Lift system X 4. Artificial satellites Question ID: 26433097104 Status: Answered Chosen Option: 3 Q.20 Diwali falls in which of the following months of the Hindu calendar? Ans X 1. Ashadha X 2. Bhadrapada X 3. Jyeshtha 4. Kartika Question ID: 26433064320 Status: Not Answered Chosen Option: --

.21	The biennial tri-services amphibious exercise, AMPHE) from 17 to 22 January 2023.	A 2020 Was conducted in
Ans	X 1. Bihar	
	X 2. Telangana	
	X 3. Odisha	
	4. Andhra Pradesh	
		Question ID : 264330132590
		Status : <b>Not Answered</b> Chosen Option :
		Checon Cphon.
<b>Q.22</b>	Padmaja Reddy, who was conferred the Padma Shri in the following dance forms?	2022, is renowned for which of
Ans	✓ 1. Kuchipudi	
	X 2. Odissi	
	X 3. Bharatanatyam	
	X 4. Kathak	
		Question ID: 26433055409
		Status : Not Answered
	Select the correct sequence of the musical instruments sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj	Status : Not Answered Chosen Option :
	sequence of their associated personalities: Ustad Allah Vinayakam.	Status : Not Answered Chosen Option :
	sequence of their associated personalities: Ustad Allah Vinayakam.  1. Tabla, Ghatam, Pakhawaj  2. Ghatam, Pakhawaj, Tabla	Status : Not Answered Chosen Option :
	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam	Status : Not Answered Chosen Option :
	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam	Status: Not Answered Chosen Option:  s according to the given n Rakha, Totaram Sharma, TH  Question ID: 264330130503
	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam	Status: Not Answered Chosen Option:  s according to the given Rakha, Totaram Sharma, TH  Question ID: 264330130503 Status: Answered
	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam	Status: Not Answered Chosen Option:  s according to the given n Rakha, Totaram Sharma, TH  Question ID: 264330130503
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam  X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engaged 1. SMILE	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam  X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engagence.	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam  X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engaged 1. SMILE	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj  X 2. Ghatam, Pakhawaj, Tabla  3. Tabla, Pakhawaj, Ghatam  X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engaged 1. SMILE  X 2. SHINE	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj X 2. Ghatam, Pakhawaj, Tabla 3. Tabla, Pakhawaj, Ghatam X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engaged 1. SMILE X 2. SHINE X 3. SHRI	Status: Not Answered Chosen Option:  Graccording to the given Rakha, Totaram Sharma, TH  Question ID: 264330130503 Status: Answered Chosen Option: 3  The welfare measures of the ged in the act of begging?
Ans	sequence of their associated personalities: Ustad Allah Vinayakam.  X 1. Tabla, Ghatam, Pakhawaj X 2. Ghatam, Pakhawaj, Tabla 3. Tabla, Pakhawaj, Ghatam X 4. Pakhawaj, Tabla, Ghatam  What is the name of the scheme launched in 2022 for the transgender community and for persons who are engaged 1. SMILE X 2. SHINE X 3. SHRI	Status: Not Answered Chosen Option:  Status: Not Answered Chosen Option:  Question ID: 264330130503 Status: Answered Chosen Option: 3

Q.25 GDP deflator = \_\_\_\_\_

Ans X 1. (nominal GDP × Real GDP) × 100

X 2. (nominal GDP + Real GDP) × 100

X 3. (nominal GDP - Real GDP) × 100

Question ID: 264330109097

Status : Answered

Chosen Option: 4

Section: Quantitative Aptitude

Q.1 If  $a^2 + b^2 + c^2 = ab + bc + ac$ , then the value of  $\frac{11 a^4 + 13 b^4 + 17 c^4}{17 a^2 b^2 + 9 b^2 c^2 + 15 c^2 a^2}$  is:

Ans 🧼 1. 1

X 2.2

**X** 3. 11

**X** 4.4

Question ID: 264330126227

Status: Not Answered

Chosen Option : --

Q.2 D and E are points on the sides AB and AC, respectively, of ΔABC such that DE is parallel to BC and AD: DB = 7:9.

If CD and BE intersect each other at F, then find the ratio of areas of  $\Delta DEF$  and  $\Delta CBF$ .

Ans X 1.49:144

X 2.49:81

**3.** 49 : 256

**X** 4. 256 : 49

Question ID: 26433075538

Status: Not Answered

Chosen Option: --

Q.3 A and B are equally efficient, and each could individually complete a piece of work in 30 days, if none took any holiday. A and B started working together on this piece of work, but A took a day off after every four days of work, while B took a day off after every five days of work. If the duo had started work on 01 August 2022, on which date was the work completed?

Ans X 1. 19 August 2022

X 2. 17 August 2022

X 3. 16 August 2022

4. 18 August 2022

Question ID: 264330114523

Status : Not Answered

Q.4	A conical tent with radius 6 units and height 8 units is to be made by canvas. How much canvas is needed to make the tent? (Rounded off to two places of decimals)
A	4 400 57 17

Ans

1. 188.57 units

X 2. 155.87 units

X 3. 166.57 units

X 4. 177.55 units

Question ID: 26433081744

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

Q.5 The smallest number added to 888 so that it is exactly divisible by 35 is:

Ans

**1.** 22

X 2.23

**X** 3. 20

X 4. 21

Question ID : 264330130903

Status : Answered

Chosen Option : 1

Q.6 The square of the difference between two given natural numbers is 324, while the product of these two given numbers is 144. Find the positive difference between the squares of these two given numbers.

Ans

X 1.630

**2.** 540

**X** 3.450

**X** 4. 360

Question ID: 264330101348

Status: Not Answered

Chosen Option : --

Q.7 A alone can finish a work in 15 days. A works only for the first two days and last two days. The rest work is done by B and the work is completed in 20 days. In how many days A and B together can finish the work?

Ans

× 1. —

× 2.  $\frac{80}{7}$ 

**√** 3.  $\frac{80}{9}$ 

 $\times$  4.  $\frac{70}{8}$ 

Question ID : 264330112118 Status : Not Answered

Q.8 The value of

$$51 \div \{25 + (25 \text{ of } 12 \div 30) - (5^4 \div 5 \text{ of } 125)\}$$
 is:

Ans

Question ID: 264330143509 Status: Not Answered

Chosen Option: --

**Q.9** If  $\sin(5x - 25^\circ) = \cos(5y + 25^\circ)$ , where  $5x - 25^\circ$  and  $5y + 25^\circ$  are acute angles, then the value of (x + y) is:

- Ans X 1.50°
  - X 2.40°
  - √ 3. 18°
  - X 4. 16°

Question ID: 26433083079 Status: Not Answered

Chosen Option: --

Q.10 A and B can finish a work in 10 days, B and C can finish it in 12 days and C and A can finish in 6 days. In how many days A alone can finish the work?

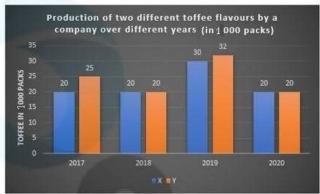
Ans

- × 1.  $\frac{120}{9}$
- X 2. 12

Question ID: 264330112116

Status: Not Answered

Q.11 A toffee company prepares toffee of two different flavours X and Y. The production of two flavours over a period of 4 years is expressed in the bar graph given below.



What is the difference between the average production of flavour X in 2017 and 2018 and the average production of flavour Y in 2019 and 2020.

Ans

1. 6000 packs

X 2. 6400 packs

X 3.7500 packs

X 4. 7000 packs

Question ID: 264330130412 Status: Not Answered

Chosen Option: --

Q.12 According to Raghav, his weight is more than 64 kg but less than 74 kg. His sister does not agree with Raghav and she thinks that his weight is more than 60 kg but less than 69 kg. His mother's view is that his weight cannot be more than 68 kg. His father's view is that his weight cannot be more than 67 kg. If all are them are correct in their estimation, then what is the average of different probable weights of Raghav measured (in kg)?

Ans

**1.** 66

**X** 2.67

X 3.68

X 4.65

Question ID: 264330131346

Status : Not Answered

Chosen Option: --

Q.13 The marked price of a ceiling fan is ₹4,200 and the shopkeeper allows a discount of 5% on it. If his profit is 14%, then the cost price of the fan is:

Ans

**X** 1. ₹3,200

X 2. ₹3,800

🗙 3. ₹3,000

**4.** ₹3,500

Question ID: 264330103717

Status : Answered

#### Q.14 Which of the following is a FALSE statement?

$$\sqrt{1.} \tan^2 A = 1 - \sec^2 A$$

X 2. sin A = tan A × cos A

 $X = 3 \cdot \csc^2 A - 1 = \cot^2 A$ 

X 4. cos A × sec A = 1

Question ID: 264330130047

Status : **Answered** 

Chosen Option: 3

Q.15 If in  $\triangle$ XYZ, XY = 4 and XZ = 5 cm, and Q is a point on YZ such that XQ bisects  $\angle$ X, then

YQ: QZ is:

Ans X 1.2:3

X 2.3:2

X 3.5:4

4.4:5

Question ID: 26433083003

Status: Not Answered

Chosen Option: --

Q.16 A train traveling at 70 km/h crosses another train traveling in the same direction at 34 km/h in 25 seconds. What is the combined length of both the trains (in metres)?

Ans X 1. 225

**2.** 250

X 3.325

**X** 4. 500

Question ID: 264330126586

Status : Not Answered

Chosen Option: --

Q.17 In a constituency, 85% of the total number of people on the electoral roll cast their votes during an election. 10% of the votes cast were declared invalid. If there were 3,00,000 people on the electoral roll, and Dharam secured 1,37,700 valid votes, what percentage of the total number of valid votes did Dharam secure?

Ans

× 1. 50.5%

× 2. 70.2%

× 3. 45.9%

4 60.0%

Question ID: 264330103252 Status: Not Answered

Q.18 Find the value of the following expression.

12  $(\sin^4 \theta + \cos^4 \theta) + 18 (\sin^6 \theta + \cos^6 \theta) + 78\sin^2 \theta \cos^2 \theta$ 

Ans

**X** 2.40

**X** 3. 10

X 4.20

Question ID: 264330143552

Status: Not Answered

Chosen Option : --

Q.19  $\triangle PQR$  is an equilateral triangle inscribed in a circle. S is any point on the arc QR. Find the measure of  $\angle PSQ$ .

Ans X 1.30°

✓ 2.60°

X 3.90°

X 4.45°

Question ID : 26433058431 Status : Not Answered

Chosen Option: --

Q.20 The given table shows the percentage of marks obtained by five students in five different subjects in a school.

	English (100)	Science (150)	Mathematics (100)	Hindi (100)	Computer (100)
Hitansh	67	70	64	55	75
Akshara	75	88	95	60	75
Pihu	69	72	89	64	77
Shreya	71	66	80	68	72
Rahul	59	64	59	67	90

What is Hitansh's overall percentage (rounded up to 2 decimal places) in the examination?

Ans 1. 66.55%

× 2. 64.89%

× 3. 65.31%

× 4. 75.11%

Question ID: 26433082727 Status: Not Answered

# Q.21 In a 1500 m race, X beats Y by 100 m and X beats Z by 240 m. By what distance does Y beat Z in the same race?

Ans X 1, 160 m

X 2. 140 m

√ 3. 150 m

X 4. 200 m

Question ID : 264330143464 Status : Not Answered

Chosen Option : --

#### Q.22 If the cost of 120m of cloth is ₹9,600, then what will be the cost of 147 m of that cloth?

**Ans X** 1. ₹16,170

**X** 2. ₹11,670

**⊘** 3. ₹11,760

**X** 4. ₹17,160

Question ID: 264330103410 Status: Not Answered

Chosen Option: --

Q.23 If  $(x + \frac{1}{x}) = 5$ , and x > 1, what is the value of  $(x^8 - \frac{1}{x^8})$ ?

Ans ✓ 1. 60605√21

× 2. 60615√21

× 3. 60705√21

× 4. 60725√21

Question ID: 264330101372

Status : Not Answered

Chosen Option : --

# Q.24 In how many years will a sum of ₹9,500 amount to ₹11,780 at the rate of 8% per annum at simple interest?

**X** 2.2

**X** 3.4

X 4.5

Question ID : 264330112220 Status : Not Answered

Q.25	By selling a watch for ₹2,000, a shopkeeper loses 20%. How much work lose by selling it for ₹3,000?	vould he gain or
Ans	√ 1. 20% gain	
	× 2. 25% gain	
	X 3. 15% loss	
	<b>★</b> 4. 25% loss	
		0 10 .0000000
		Question ID : 26433091536 Status : Not Answered
		Chosen Option :
Section	on : English Comprehension	
Q.1	The following sentence has been divided into three segments, A, B, may contain a grammatical error. Select the segment that contains t given options. If you don't find any error, mark 'No error' as your an	he error, from the
	Aniket lives (A) / in the small apartment (B) / in the suburbs (C).	
Ans	X 1. C	
	X 2. No error	
	<b>✓</b> 3. B	
	<b>★</b> 4. A	
		Question ID : 26433074027 Status : Answered
		Chosen Option : 1
Q.2	Select the most appropriate synonym for the highlighted word.  The government's utilitarian stance was appreciated by all.	
Ans	X 1. thrust	
	X 2. fanciful	
	X 4. distasteful	
		Question ID : 264330120718
		Status : Answered
		Chosen Option: 3
	Describe how you will tell everyone that Mr. Akhil opened the gate in   1. The gate was opened by Mr.Akhil.	n passive voice.
Ans	2. Mr.Akhil open the gate.	
	X 3. The gate been open by Mr.Akhil.	
	X 4. The gate opened by Mr.Akhil.	
		Question ID : 264330122772
		Status : <b>Answered</b>
		Chosen Option : 1

Q.4	Select the INCORRECTLY spelt word.	
Ans	✓ 1. Aristocrate	
	X 2. Advertise	
	X 3. Occurrence	
	X 4. Preference	
		Ougstion ID + 2042222222
		Question ID : 26433089085 Status : Answered
		Chosen Option: 3
0.5	Coloration most amount in the state of the s	d a suprant in the
Q.5	Select the most appropriate option that can substitute the underline given sentence.  I have not seen you for last year.	d segment in the
Ans	✓ 1. you since last year	
	★ 2. me for last year	
	✗ 3. you about last year	
	X 4. you for last years	
		Question ID : 26433084625 Status : Answered
		Chosen Option : 1
Q.6	Select the INCORRECTLY spelt word in the given sentence.	
	It is wierd to overreact on the consequences like this, it didn't even of the day.	matter at the end
Ans	X 1. Matter	
	X 2. Overreact	
	✓ 3. Wierd	
	X 4. Consequences	
		Outseting ID and deceased
		Question ID : 26433096201 Status : Answered
		Chosen Option: 3
Q.7	Select the most appropriate option to substitute the underlined segrentence.	nent in the given
	I <u>don't wear</u> the sunglasses at the moment.	
Ans	X 1. I didn't wear	
	X 2. I wore	
	X 3. I was wearing	
		Question ID : 26433099061
		Status : Answered
		Chosen Option: 3

Q.8 Select the option that can be used as a one-word substitute for the given group of words. A person who draws or produces maps X 1. Calligrapher X 2. Choreographer X 3. Chauffeur 4. Cartographer Question ID: 26433073678 Status : **Answered** Chosen Option: 1 Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence. Her hopes for building her own house were beaten when she lost her jewellery box. Ans X 1. house were defeated when X 2. house were frustrated when X 3. house were relieved when 4. house were dashed when Question ID: 26433084630 Status: Answered Chosen Option: 3 Q.10 Select the most appropriate synonym of the underlined word. The outcome document of the Rio+20 Conference, the Future We Want, underscores climate change as "an <u>inevitable</u> and urgent global challenge with long-term implications for the sustainable development of all countries". Through the document, Member States express their concern about the continuous rising of emissions of greenhouse gases and the vulnerability of all countries, particularly developing countries, to the adverse impacts of climate change. Ans X 1. immemorable 2. undeniable X 3. adventurous X 4. escapable Question ID: 26433090780 Status : Answered Chosen Option: 2 Q.11 Select the option that can be used as a one-word substitute for the given group of Being careful that every detail of something is correct 1. Fastidious Ans X 2. Squeamish X 3. Stubborn X 4. Impregnable Question ID: 26433088192 Status: Answered Chosen Option: 3

Q.12 Select the most appropriate meaning of the given idiom. Through thick and thin Ans 1. Only assist during good times X 2. Hope during trying times 3. In good times and in bad times X 4. Weak and lonely Question ID: 26433088776 Status : **Answered** Chosen Option: 4 Q.13 Select the most appropriate synonym of the underlined word. The committee wanted us to explain this in detail. 1. Elaborate Ans X 2. Trouble X 3. Collect X 4. Keen Question ID: 26433094732 Status: Answered Chosen Option: 1 Q.14 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. But, while the court's action solved one problem, it created another and because of the closure, many workers lost their jobs. B. For instance, the courts directed industries in residential areas in Delhi to close down or shift out of the city. C. In recent years, while the courts have come out with strong orders on environmental issues, these have sometimes affected people's livelihoods adversely. D. Several of these industries were polluting the neighbourhood and discharge from these industries were polluting the river Yamuna because they had been set up without following the rules. √ 1. CBDA Ans X 2. BDCA X 3. CDAB X 4. BCAD Question ID: 264330143863 Status: Answered Chosen Option: 1 Q.15 Select the most appropriate synonym of the given word. Consequence Ans 1. Outcome 💢 2. Origin X 3. Start X 4. Begin Question ID: 26433092063 Status: Answered Chosen Option: 1

J. 10	Select the most appropriate option to fill in the blank.  There are rows of chairs on either side of the	
Ans	X 1. ail	
	× 2. isle	
	<b>★</b> 3. I'II	
	✓ 4. aisle	
		Question ID : 264330121279
		Status : <b>Answered</b> Chosen Option : <b>4</b>
2.17	Select the most appropriate meaning of the given idiom.	
	It turns out to be a blessing in disguise.	
Ans	1. Has a good effect even though at first it seemed it would be bad	
	X 2. When a simple solution solves a problem very well	
	X 3. Has a very good effect on a situation or a thing	
	X 4. When things get better and better when least expecting it	
		0 1: 10 001000000
		Question ID:26433090799 Status:Answered
		Chosen Option : 4
	<ul><li>2. Objective</li><li>3. Definitive</li><li>4. Subjective</li></ul>	
		Ougstion ID : 26/22001915
		Question ID : 26433091815 Status : Answered
Ձ.19	The following sentence has been divided into parts. One of them ma Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife paril	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and  2. The present-century threats to our environment	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and  2. The present-century threats to our environment  3. a boiling temperature, were putting wildlife populations at peril	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and  2. The present-century threats to our environment	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
Q.19	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and  2. The present-century threats to our environment  3. a boiling temperature, were putting wildlife populations at peril	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species,
	Select the part that contains the error from the given options. If you error, mark 'No error' as your answer.  The present-century threats to our environment, / which include inte ailments, pollution and / a boiling temperature, were putting wildlife peril.  1. which include interfering species, ailments, pollution, and  2. The present-century threats to our environment  3. a boiling temperature, were putting wildlife populations at peril	Status : Answered Chosen Option : 1  y contain an error. don't find any  rfering species, populations at

Q.20	Describe how you will tell your friends that Mr. Ram uses multimedia for children in passive voice.	or teaching the
Ans		
	2. Multimedia is used by Mr. Ram for teaching the children.	
	X 3. Multimedia is used for teach the children by Mr. Ram.	
	X 4. Mr. Ram use multimedia for teaching the children.	
		Question ID: 264330122769
		Status : Answered
		Chosen Option : 2
	Comprehension:	
	In the following passage, some words have been deleted. Read the passage select the most appropriate option to fill in each blank.	e carefully and
	Socrates is flying. No, he is (1) The wings behind him beat in a cate the cool air rushes past. His wings are all that matter, (3) wind like the sails of some great sea vessel, the feathery appendages all he ever want to be. His back muscles flex with the (4) that takes him he ground. He feels the effort, of course, but sweeping into the sky does not recone. The (5) is pleasurable, even exhilarating. With flight there is fredescription, an ecstasy bordering on emotional.	is and all he will igh above the quire much of
	SubQuestion No : 21	
Q.21	1 Select the most appropriate option to fill in blank no. 1.	
Ans	s 🚀 1. soaring	
	X 2. sluggish	
	X 3. pertinent	
	X 4. redundant	
		Question ID : 264330136467 Status : Not Answered
		Chosen Option :
	Comprehension:	
	In the following passage, some words have been deleted. Read the passage select the most appropriate option to fill in each blank.	e carefully and
	Socrates is flying. No, he is (1) The wings behind him beat in a ca the cool air rushes past. His wings are all that matter, (3) wind like the sails of some great sea vessel, the feathery appendages all he	is and all he will
	ever want to be. His back muscles flex with the (4) that takes him h ground. He feels the effort, of course, but sweeping into the sky does not recone. The (5) is pleasurable, even exhilarating. With flight there is freedescription, an ecstasy bordering on emotional.	uire much of
	SubQuestion No : 22	
Q.22	2 Select the most appropriate option to fill in blank no. 2.	
Ans	s X 1. unless	
	× 2. much	
	X 3. since	
	√ 4. while	

Question ID : 264330136468 Status : Not Answered

	Comprehension:		
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.		
Socrates is flying. No, he is (1) The wings behind him beat in a calming rhythm (2) the cool air rushes past. His wings are all that matter, (3) at the rushing wind like the sails of some great sea vessel, the feathery appendages all he is and all he will ever want to be. His back muscles flex with the (4) that takes him high above the ground. He feels the effort, of course, but sweeping into the sky does not require much of one. The (5) is pleasurable, even exhilarating. With flight there is freedom beyond description, an ecstasy bordering on emotional.  SubQuestion No: 23			
			Q.23
Ans	X 1. losing		
	✓ 2. snapping		
	X 3. cleaning		
	X 4. limiting		
		Question ID : 264330136469	
		Status: Not Answered	
		Chosen Option :	
	Comprehension:		
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	sage carefully and	
	Socrates is flying. No, he is (1) The wings behind him beat in the cool air rushes past. His wings are all that matter, (3) wind like the sails of some great sea vessel, the feathery appendages a ever want to be. His back muscles flex with the (4) that takes his ground. He feels the effort, of course, but sweeping into the sky does not one. The (5) is pleasurable, even exhilarating. With flight there description, an ecstasy bordering on emotional.	at the rushing Il he is and all he will nim high above the ot require much of	
	SubQuestion No : 24		
Q.24	Select the most appropriate option to fill in blank no. 4.		
Ans	X 1. affection		
	√ 2. effort		
	X 3. manipulation		
	X 4. litigation		
Question ID : 264330136470			

Status : Not Answered

Comprehension:	
In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.	
Socrates is flying. No, he is (1) The wings behind him beat in a calming rhythm (2) the cool air rushes past. His wings are all that matter, (3) at the rushing wind like the sails of some great sea vessel, the feathery appendages all he is and all he will ever want to be. His back muscles flex with the (4) that takes him high above the ground. He feels the effort, of course, but sweeping into the sky does not require much of one. The (5) is pleasurable, even exhilarating. With flight there is freedom beyond description, an ecstasy bordering on emotional.	
SubQuestion No : 25	
Select the most appropriate option to fill in blank no. 5.	
1. sensation	
× 2. indignation	
X 3. lamination	
X 4. perversion	
Question ID : 264330136471	
S we go do	cocrates is flying. No, he is (1) The wings behind him beat in a calming rhythm (2) the cool air rushes past. His wings are all that matter, (3) at the rushing ind like the sails of some great sea vessel, the feathery appendages all he is and all he will wer want to be. His back muscles flex with the (4) that takes him high above the round. He feels the effort, of course, but sweeping into the sky does not require much of the council is pleasurable, even exhilarating. With flight there is freedom beyond escription, an ecstasy bordering on emotional.  **UbQuestion No: 25**  **elect the most appropriate option to fill in blank no. 5.**  **1. sensation**  **2. indignation**  **3. lamination**  **4. perversion**