# **Combined Graduate Level Examination 2020 Tier-I**

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section: General Intelligence and Reasoning

Q.1 In a certain code language, 'REASON' is coded as '5410219' and 'HEALTHY' is coded as '716231216'. How will 'DIVULGE' be coded in that language?

Ans

**X** 1. 24134383

2. 21433438

★ 3. 10733494★ 4. 13704349

Question ID: 81616113522 Status: Not Answered

Chosen Option: --

Q.2 P is the brother of Q. S is the father of P. R is the brother of S. If T is the mother of R, then how is P related to T?

Ans

💢 1. Uncle

🗶 2. Father

X 3. Brother

4. Grandson

Question ID: 81616112413 Status: Answered

Chosen Option: 4

Q.3 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans

🔀 1. Agitation

X 2. Contention

X 3. Turmoil

4. Tranquillity

Question ID: 81616113518

Status: Answered

# Q.4 Select the options in which the numbers are related in the same way as are the numbers of the following set.

(541, 14, 737)

Ans

**1.** (697, 13, 866)

**X** 2. (635, 18, 924)

**X** 3. (432, 25, 1108)

**4**. (832, 8, 895)

Question ID: 81616113530 Status: Not Answered

Chosen Option: --

Q.5 Select the number from among the given options that can replace the question mark (?) in the following series.

24, 48, 51, 204, 209, ?

Ans

**X** 1. 1047

**X** 2. 215

**3**. 1254

**X** 4. 416

Question ID : 81616114031 Status : Not Answered

Chosen Option: --

Q.6 Find the number of triangles in the given figure.



Ans

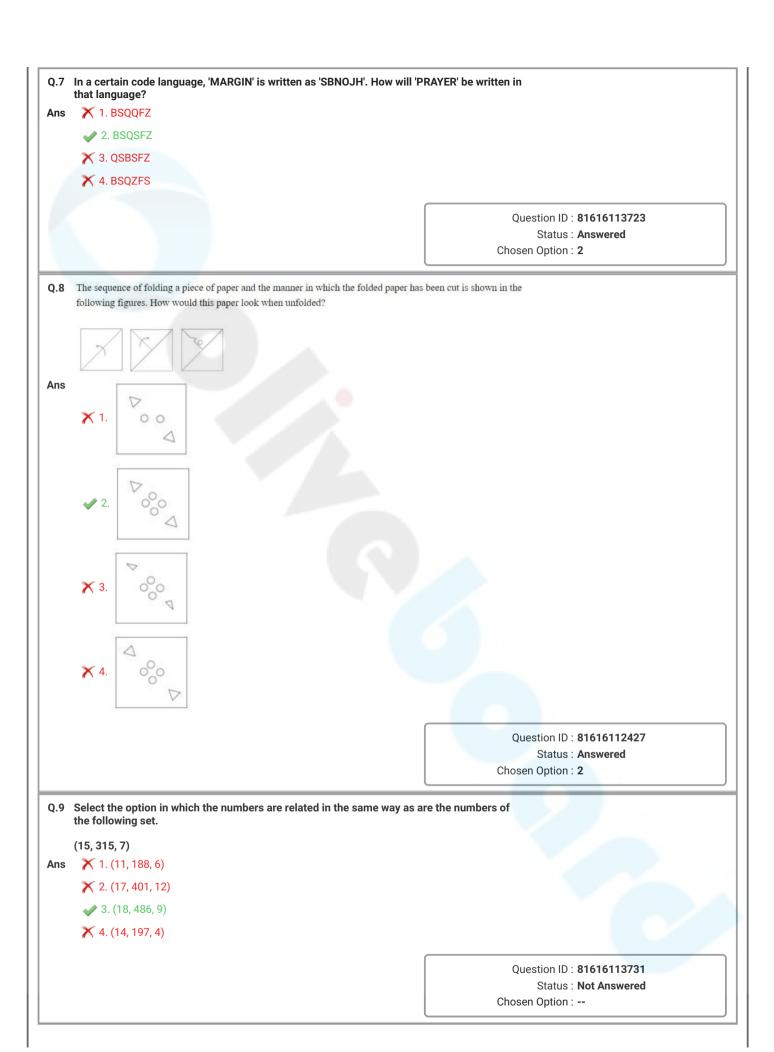
X 1. 22

× 2. 23

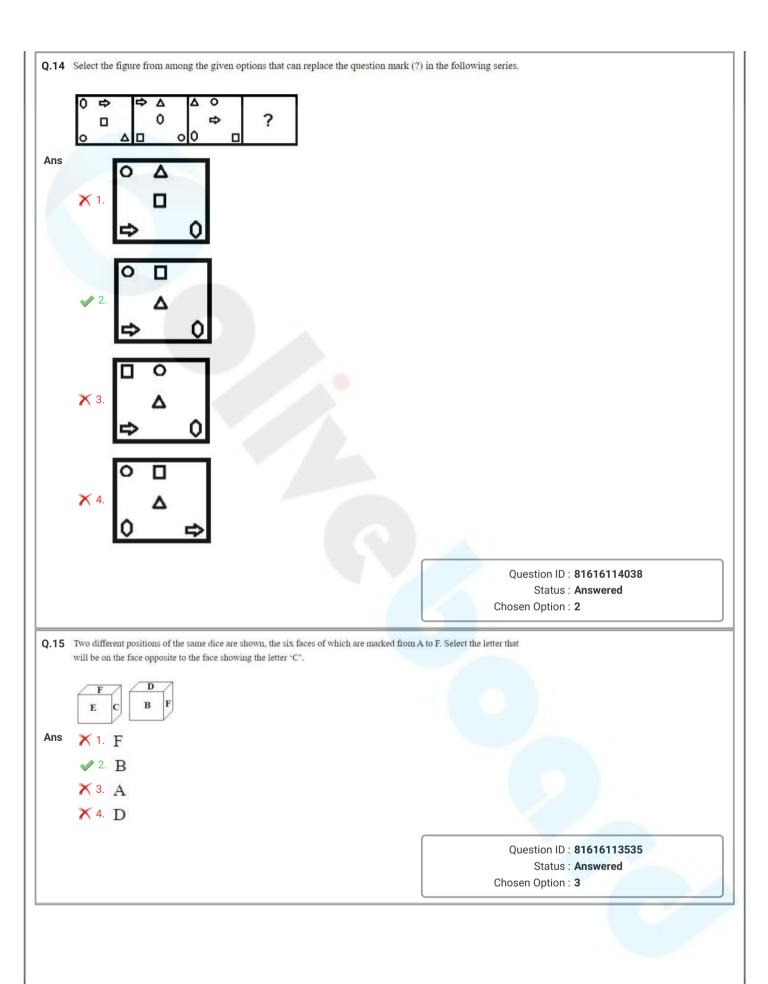
√ 3. 24

X 4. 20

Question ID: 81616113534 Status: Not Answered



	Four letter-clusters have been given, out of which three are alik different. Select the letter-cluster that is different.	
Ans	X 1. NSY	
	<b>X</b> 2. TYE	
	✓ 3. PUB	
	<b>X</b> 4. LQW	
		Question ID : 81616114022
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		Chosen Option : 3
Q.11	Select the option that is related to the third word in the same warelated to the first word.	ay as the second word is
	Cartridge: Printer:: Motherboard:?	
Ans	X 1. Monitor	
	× 2. Machine	
	🗙 3. Keyboard	
	✓ 4. Central Processing Unit	
		Question ID: 81616114024
		Status: Marked For Review
		Chosen Option : 2
Q.12	Select the letter-cluster from among the given options that can (?) in the following series.	replace the question mark
	(?) in the following series.  WUW, TSV, QQU, NOT, ?  1. KMS	replace the question mark
	(?) in the following series.  WUW, TSV, QQU, NOT, ?  ✓ 1. KMS  ✓ 2. LNT	replace the question mark
	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS	replace the question mark
Q.12	(?) in the following series.  WUW, TSV, QQU, NOT, ?  ✓ 1. KMS  ✓ 2. LNT	replace the question mark
	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS	
	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS	Question ID: <b>81616112404</b>
	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS	
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT, ?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H, ?	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H, ?	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H, ?  ✓ 1. D	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H, ?  ✓ 1. D  X 2. B	Question ID : 81616112404 Status : Answered Chosen Option : 1
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H,?  ✓ 1. D  X 2. B  X 3. E	Question ID : 81616112404 Status : Answered Chosen Option : 1  The the question mark (?) in the
Ans	(?) in the following series.  WUW, TSV, QQU, NOT,?  ✓ 1. KMS  X 2. LNT  X 3. MNS  X 4. JNT  Select the letter from among the given options that can replace following series.  P, N, J, H,?  ✓ 1. D  X 2. B  X 3. E	Question ID : 81616112404 Status : Answered Chosen Option : 1



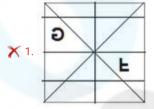
# Q.16 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown. Question ID: 81616112426 Status: Answered Chosen Option: 3 Q.17 Select the option in which the words share the same relationship as that shared by the given pair of words. Cricket: Shikhar Dhawan Ans ✓ 1. Boxing: Mary Kom 🗙 2. Kabaddi : Rani Rampal 💢 3. Wrestling : Dipa Karmakar 🗙 4. Chess : Saina Nehwal Question ID: 81616112409 Status: Answered Chosen Option: 1

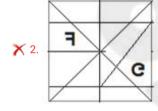
Q.18 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different. **1**. 182 : 12 Ans **X** 2. 461 : 20 **X** 3. 239 : 14 **X** 4. 305 : 16 Question ID: 81616113528 Status: Not Answered Chosen Option: --Q.19 Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the equation. 1496 \* 8 \* 13 \* 40 \* 5 \* 0 X 1. ÷, ×, =, +, -Ans **X** 2. ÷, +, =, −, × √ 3. ÷, +, -, ×, = **X** 4. ÷, −, +, ×, = Question ID: 81616113531 Status: Answered Chosen Option: 3

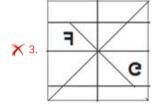
Q.20 Select the option in which the given figure is embedded (rotation is NOT allowed).

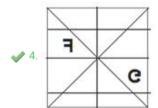


Ans









Question ID : 81616112425

Status : Answered

Chosen Option :  ${\bf 2}$ 

Q.21 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

- 1. Introduce
- 2. Internship
- 3. Interaction
- 4. Interjection
- 5. Intervene
- 6. Interruption

**Ans** X 1. 3, 2, 4, 6, 5, 1

2. 3, 4, 2, 6, 5, 1

**X** 3. 3, 4, 2, 6, 1, 5

**X** 4. 3, 4, 2, 5, 6, 1

Question ID : 81616114021 Status : Answered

Q.22 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number. 1008:8::?:6::220:4 **X** 1. 524 Ans **X** 2. 443 3.518 X 4. 350 Question ID: 81616113729 Status: Not Answered Chosen Option: --Q.23 Select the Venn diagram that best illustrates the relationship between the following classes. Brothers, Fathers, Tax-payers Ans Question ID: 81616113741 Status: Answered Chosen Option: 1 Q.24 Rajesh purchased 6 mangoes, 3 bananas and 10 guavas in ₹136. If the ratio of the cost (per piece) of mangoes, bananas and guavas is 3:2:1, what will be the total cost of 1 mango, 2 bananas and 3 guavas? **X** 1. ₹27 Ans **√** 2. ₹40 **X** 3. ₹46 **X** 4. ₹38 Question ID: 81616112421 Status: Answered Chosen Option: 2

Q.25 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

#### Statements:

Some cards are postcards.

Some cards are envelopes.

All envelopes are copies.

#### **Conclusions:**

- I. Some copies are envelopes.
- II. Some postcards are copies.
- III. Some cards are copies.
- Ans
- X 1. Only conclusions II and III follow
  - × 2. Only conclusions I and II follow
  - X 3. Only conclusion I follows
  - 4. Only conclusions I and III follow

Question ID: 81616113727 Status: Answered

Chosen Option: 4

Section: General Awareness

\_\_ is the ability of a single cell to produce a fertile, adult individual.

X 1. Cloning

X 2. Pluripotency

3. Totipotency

X 4. Mutation

Question ID: 81616113546 Status: Marked For Review

Chosen Option: 1

Q.2 Which of the following is one of the three 'Domestic Systemically Important Banks' in India?

X 1. RBL Bank

X 2. Federal Bank

X 3. Axis Bank

4. State Bank of India (SBI)

Question ID: 81616113543 Status: Not Answered

_	Q.3 What is represented by the product of force with displacement in the direction of force?  Ans 1. Work		
	× 2. Momentum		
	X 3. Impulse		
	X 4. Power		
	74.1 owel		
		Question ID : <b>81616113749</b>	
		Status : Answered	
		Chosen Option : 1	
2.4	In which of the following years was the Indian Associatio	on established?	
ıns	<b>X</b> 1. 1903		
	<b>X</b> 2. 1881		
	<b>✓</b> 3. 1876		
	<b>★</b> 4. 1856		
		Question ID : <b>81616113553</b>	
		Status : Answered	
		Chosen Option : 3	
).5	In October 2020, the world's longest highway tunnel was	inaugurated in the state of	
ns	✓ 1. Himachal Pradesh		
	★ 2. Uttar Pradesh		
	X 3. Arunachal Pradesh		
	X 4. Madhya Pradesh		
		Question ID : <b>81616112452</b>	
		Status : <b>Answered</b> Chosen Option : <b>1</b>	
		Chosen Untion : 1	
		Choose option. I	
2.6	Which of the following Articles of the Constitution of Indi		
	script as the official language of the Union?		
	script as the official language of the Union?  1. Article 343 (1)		
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123		
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231		
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123		
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231	ia adopted Hindi in Devanagari	
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231	ia adopted Hindi in Devanagari  Question ID: 81616113558	
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231	Question ID : 81616113558 Status : Answered	
	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231	ia adopted Hindi in Devanagari  Question ID: 81616113558	
ns	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA	Question ID: 81616113558 Status: Answered Chosen Option: 1	
nns ).7	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108	Question ID: 81616113558 Status: Answered Chosen Option: 1	
nns ).7	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA	Question ID: 81616113558 Status: Answered Chosen Option: 1	
uns ).7	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA 1. Russia	Question ID: 81616113558 Status: Answered Chosen Option: 1	
Ans	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA 1  1. Russia  2. Qatar	Question ID : 81616113558 Status : Answered Chosen Option : 1	
Q.7	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA 1  1. Russia  2. Qatar  3. The US	Question ID: 81616113558 Status: Answered Chosen Option: 1	
Q.7	script as the official language of the Union?  1. Article 343 (1)  2. Article 123  3. Article 231  4. Article 108  Which of the following countries will host the 2022 FIFA 1  1. Russia  2. Qatar  3. The US	Question ID: 81616113558 Status: Answered Chosen Option: 1	

Who among the following persons was announced as the head of the Committee to protect language, culture and land in Ladakh by the Central Government in January 2021? X 1. Arjun Munda Ans X 2. Piyush Goyal 3. G Kishan Reddy X 4. Raj Kumar Singh Question ID: 81616113541 Status: Not Answered Chosen Option: --Who among the following wrote the basic text of Vaisheshika philosophy? X 1. Jaimini Ans 2. Kanada 🗙 3. Patanjali X 4. Shankaracharya Question ID: 81616113742 Status: Not Answered Chosen Option: --Q.10 Whose administration became a model that was followed by Akbar when he consolidated the Mughal Empire? X 1. Ghiyas ud din Balban X 2. Bahlul Lodi X 3. Iltutmish 4. Sher Shah Suri Question ID: 81616113757 Status: Not Answered Chosen Option: --Q.11 Which two great footballers, who were members of the gold medal winning team of 1962 Asian Games, passed away in 2020? X 1. Ram Bahadur and Jarnail Singh Ans X 2. Yousuf Khan and TA Rahaman 🗙 3. Krishanu Dey and C Prasad 4. Chuni Goswami and PK Banerjee Question ID: 81616114069 Status: Not Answered Chosen Option: --

# Q.12 How is Dhanpat Rai Srivastava better known as? Ans 1. Premchand × 2. Dinkar X 3. Nirala 🗙 4. Agyeya Question ID: 81616114061 Status: Answered Chosen Option: 1 Q.13 In January 2021, who among the following was appointed as the President of the Asian **Cricket Council?** X 1. Sourav Ganguly Ans X 2. Anil Kumble X 3. Rahul Dravid 4. Jay Shah Question ID: 81616114067 Status: Answered Chosen Option: 4 Q.14 Who wrote the book 'The Quest for Equity in Development'? \chi 1. Raghuram Rajan X 2. Montek Singh Ahluwalia X 3. Amartya Sen 4. Manmohan Singh Question ID: 81616112446 Status: Marked For Review Chosen Option: 3 Q.15 In which of the following states is the Bhitarkanika National Park situated? Ans X 1. Meghalaya X 2. Kerala 🥓 3. Odisha X 4. Goa Question ID: 81616113549 Status: Answered Chosen Option: 3 Q.16 Which of the following elements' salts are most soluble? X 1. Potassium X 2. Rubidium 3. Sodium X 4. Lithium

Question ID: 81616112437
Status: Answered

).17	Which of the following is NOT a greenhouse gas?	
Ans	★ 1. Nitrous oxide	
	★ 2. Water vapour	
	X 3. Surface level ozone	
	✓ 4. Helium	
		Question ID : <b>81616113746</b> Status : <b>Answered</b>
		Chosen Option : 4
.18	The Vedic view of an individual and his relation to society is detern of life. Which of the following is NOT one of these objectives?	nined by four objectives
ıns	1. Dharma	
	× 2. Moksha	
	✓ 3. Siddhi	
	× 4. Artha	
	N 4.74 did	
		Question ID : <b>81616113754</b>
		Status : Answered
	What do you call the amount of monetary or other returns, either eaccruing over a period of time?  1. Income	Chosen Option : 3 arned or unearned,
	accruing over a period of time?  1. Income 2. Services 3. Price	
	accruing over a period of time?  1. Income  2. Services	
	accruing over a period of time?  1. Income 2. Services 3. Price	arned or unearned,
	accruing over a period of time?  1. Income 2. Services 3. Price	
	accruing over a period of time?  1. Income 2. Services 3. Price	Question ID : 81616112431
Ans	accruing over a period of time?  1. Income 2. Services 3. Price	Question ID : 81616112431 Status : Answered Chosen Option : 1
Ans	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L	Question ID : 81616112431 Status : Answered Chosen Option : 1
Ans	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L Declaration?	Question ID : 81616112431 Status : Answered Chosen Option : 1
).20	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L Declaration?  1. 1999	Question ID : 81616112431 Status : Answered Chosen Option : 1
	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L Declaration?  1. 1999 2. 1997	Question ID : 81616112431 Status : Answered Chosen Option : 1
).20	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L Declaration?  1. 1999 2. 1997 3. 1991	Question ID : 81616112431 Status : Answered Chosen Option : 1  ahore to sign a Peace
Ans	accruing over a period of time?  1. Income 2. Services 3. Price 4. Value  In which year did Atal Bihari Vajpayee undertake a bus journey to L Declaration?  1. 1999 2. 1997 3. 1991	Question ID : 81616112431 Status : Answered Chosen Option : 1

	Pushyabhuti, who ruled from Thaneswar, was the founder of dynasty.				
Ans	X 1. Chera				
	× 2. Pandya				
	X 4. Chalukya				
		Question ID : <b>81616112443</b>			
		Status : Answered			
		Chosen Option : 3			
0.00		1			
Q.22	2 All matches of the 2020-21 edition of Hero Indian Super League of the following states?	e are being played in which			
Ans	★ 1. West Bengal				
	✓ 2. Goa				
	🔀 3. Karnataka				
	🔀 4. Kerala				
		Question ID : <b>81616114065</b>			
		Status : Marked For Review Chosen Option : 1			
		Chosen Option . I			
Ans	<ul><li>X 1. Housefly</li><li>X 2. Mosquito</li><li>X 3. Wasp</li><li>✓ 4. Termite</li></ul>				
		Question ID : <b>81616114050</b>			
		Status : Not Answered			
		Chosen Option :			
Q.24	Till 20 January 1972, which present-day Indian state was know Agency (NEFA)?	n as the North-East Frontier			
Ans					
	2. Arunachal Pradesh				
	🔀 3. Nagaland				
	X 4. Assam				
		Question ID : 81616112439 Status : Answered			
		Chosen Option : 2			

# Q.25 Almost 98% of Earth's crust is made up of eight elements. Which of the following does NOT figure among these elements? 1. Carbon Ans X 2. Silicon X 3. Calcium X 4. Oxygen Question ID: 81616114056 Status: Answered Chosen Option: 3 Section: Quantitative Aptitude Q.1 In $\triangle$ ABC, D and E are the points on sides AB and AC, respectively and DE || BC. BC = 8 cm and DE = 5 cm. If the area of $\triangle$ ADE = 45 cm<sup>2</sup>, then what is the area (in cm<sup>2</sup>) of $\triangle$ ABC? Ans √ 1. 115.2 × 2. 105.2 X 3. 125 X 4. 64 Question ID: 81616114086 Status: Marked For Review Chosen Option: 4 Q.2 A AABC has sides 5 cm, 6 cm and 7 cm. AB extended touches a circle at P and AC extended touches the same circle at Q. Find the length (in cm) of AQ. Ans X 1. 13 **2**. 9 X 3. 11 X 4. 12 Question ID: 81616112468 Status: Answered Chosen Option: 2 Q.3 Two men and 7 women can complete a work in 28 days whereas 6 men and 16 women can do the same work in 11 days. In how many days can 7 men complete the same work? Ans X 1. 11 √ 2. 22 X 3. 12 X 4. 24 Question ID: 81616113573 Status: Answered Chosen Option: 2

Q.4 In a triangle ABC, a point D lies on AB and points E and F lie on BC such that DF is parallel to AC and DE is parallel to AF. If BE = 4 cm, EF = 6cm, then find the length (in cm) of BC.

Ans

X 1. 30

× 2. 20

**√** 3. 25

X 4. 15

Question ID: 81616112471 Status: Not Answered

Chosen Option: --

Q.5 The value of  $32 \div 12$  of  $3 \times [5 - (15 - 12) \div 9]$  of  $\frac{3}{7} + 4 - 8 \div 2$  of 4 is:

Ans

 $\times$  1.  $3\frac{1}{3}$ 

√ 2. 4 <sup>7</sup>/<sub>2</sub>

× 3. 3  $\frac{1}{6}$ 

 $\times$  4.  $1\frac{7}{9}$ 

Question ID : **81616114071**Status : **Answered** 

Chosen Option : 2

Q.6 A certain number of students from school X appeared in an examination and 20% students failed. From school Y, 130% more students than that from school X, appeared in the same examination. If 90% of the total number of students appeared from from both the schools passed, then what is the percentage of students from school Y who failed (correct to one decimal place)?

Ans

× 1. 6.4%

× 2. 10%

√ 3. 5.7%

× 4. 8.3%

Question ID: 81616113569

Status : Answered

The table shows the daily income (in ₹) of 50 persons.

Study the table and answer the question:

Income (Rs)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

How many persons earn ₹200 or more but less than ₹300?

Ans X 1. 12

X 2. 38

√ 3. 22

× 4. 8

Question ID: 81616112981 Status: Answered

Chosen Option: 2

**Q.8** A sum of  $\overline{\phantom{a}}$ 31866 is divided between A, B and C such that the ratio of shares of A and B is 9:8 and that of A and C is 4 : 5. The share (in ₹) of B is:

Ans 🗸 1. 9024

X 2. 12690

X 3. 10152

X 4. 8460

Question ID: 81616113773

Status: Answered

Chosen Option: 1

Q.9 Find the value of  $\frac{3}{4}cot^2 30^\circ + cos^2 30^\circ - 3 cosec^2 60^\circ + tan^2 60^\circ$ .

Ans X 1. -4

× 2. 10

**4.** 2

Question ID: 81616112372 Status: Not Answered

Q.10 A certain sum becomes ₹13650 at 15% p.a. simple interest after 2 years. What will be the amount (in ₹) of the same sum after 1 year at the same rate of interest, if the interest is compounded half yearly? (nearest to a ₹) Ans √ 1. 12134 × 2. 10500 X 3. 13625 X 4. 11000 Question ID: 81616113572 Status: Not Answered Chosen Option: --Q.11 In a circle with centre O, PAX and PBY are the tangents to the circle at points A and B, from an external point P. Q is any point on the circle such that  $\angle QAX = 59^{\circ}$  and  $\angle QBY = 72^{\circ}$ . What is the measure of  $\angle AQB$ ? Ans X 1. 31° X 2. 72° √ 3. 49° X 4. 59° Ouestion ID: 81616113580 Status: Not Answered Chosen Option: --Q.12 By selling an article for ₹640, a person loses 15% of its selling price. At what price (in ₹) should he sell it to gain 15% on its cost price? Ans X 1. 832 √ 2. 846.40 X 3. 835 X 4. 836.60 Question ID: 81616114075 Status: Not Answered Chosen Option: --

#### Q.13 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Years					
Institutes	2014	2015	2016	2017	2018
A	110	150	165	180	205
В	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The ratio of the total number of students enrolled for VC in institutes A, C and E in 2015 to the total number of students enrolled in institutes B and D in 2017, is:

Ans

X 1. 9:10

X 2. 3:4

√ 3. 3:2

X 4. 10:11

Question ID: 81616113990 Status: Answered

Chosen Option : 3

Q.14 The marked price of an article is ₹1500. A shopkeeper sells it by giving 20% discount on its marked price. If the cost price of the article is ₹991, then his profit (in ₹) is:

Ans

√ 1. 209

X 2. 319

X 3. 229

X 4. 189

Question ID: 81616113770

Status : Answered

Chosen Option: 1

 $\left( \sqrt{\sec^2 \theta + \csc^2 \theta} \right) \left( \frac{\sin \theta (1 + \cos \theta)}{1 + \cos \theta - \sin^2 \theta} \right), \, 0^{\circ} < \theta < 90^{\circ}$  is equal to:

Ans

 $\checkmark$  1.  $\sec^2 \theta$ 

 $\times$  2. cosec<sup>2</sup>  $\theta$ 

 $\times$  3. cot  $\theta$ 

 $\times$  4. tan  $\theta$ 

Question ID: 81616114191

Status: Not Answered

**Q.16** If x + y + z = 7,  $x^2 + y^2 + z^2 = 85$  and  $x^3 + y^3 + z^3 = 913$ , then the value of  $\sqrt[3]{xyz}$  is:

Ans × 1. 1

X 2. 2

**3**. **4** 

× 4. 8

Question ID: 81616113578 Status: Not Answered

Chosen Option: --

Q.17 A takes 8 hours more than the time taken by B to cover a distance of 160 km. If A doubles his speed, he takes 3 hours more than B to cover the same distance. The speed (in km/h) of B is:

Ans × 1. 72

X 2. 70

**X** 3. 75

**4.** 80

Question ID: 81616113776 Status: Not Answered

Chosen Option: --

**Q.18** The curved surface area of a cylinder is  $462 \text{ cm}^2$  and its base area is  $346.5 \text{ cm}^2$ . What is the volume (in cm³) of the cylinder? (Use  $\pi = \frac{22}{7}$ )

Ans X 1. 2400

2. 2425.5

× 3. 4800

X 4. 4850

Question ID : 81616112464 Status : Not Answered

Chosen Option: --

Q.19 If the seven-digit number 94x29y6 is divisible by 72, then what is the value of (2x + 3y) for  $x \neq y$ ?

Ans X 1. 35

**2.** 37

X 3. 23

X 4. 21

Question ID: 81616113565

Status : Answered

Q.20 The average of 8 consecutive even numbers written in ascending order is 17. What is the average of the last three numbers, 36 and 53?

Ans

√ 1. 31

X 2. 32.2

X 3. 31.6

X 4. 29.8

Question ID: 81616112456 Status: Not Answered

Chosen Option: --

Q.21 The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

Study the table and answer the question:

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
В	45	54	55	48
С	55	36	56	51
D	45	48	55	53
E	48	44	52	55

By what percent is the number of students studying Computer Science in institutes A and B more than the number of students studying Arts in institutes B and C?

Ans

√ 1. 5

X 2. 14

X 3. 2

X 4. 24

Question ID : 81616112983 Status : Answered

Chosen Option: 1

Q.22 If  $a^2 + c^2 + 17 = 2(a - 8b - 2b^2)$ , then what is the value of  $(a^3 + b^3 + c^3)$ ?

Ans

√ 1. — 7

**X** 2. 9

**X** 3. 10

X 4. -4

Question ID: 81616113779 Status: Not Answered

Chosen Option : --

#### Q.23 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Years	2014	2015	2016	2017	2010
Institutes	2014	2015	2016	2017	2018
A	110	150	165	180	205
В	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The total number of students enrolled for VC in institutes B, C and E in 2015 is x % more than the total number of students enrolled in institutes A, D and F in 2016. The value of x is closest to:

Ans

- X 1. 10.3
- X 2. 11.8
- × 3. 10.8
- √ 4. 11.1

Question ID: 81616113992 Status: Answered

Chosen Option: 4

Q.24 If  $\cos(A-B) = \frac{\sqrt{3}}{2}$  and  $\cot(A+B) = \frac{1}{\sqrt{3}}$ , where A-B and A+B are acute angles, then (2A-3B) is equal to:

Ans

- √ 1. 45°
- X 2. 30°
- X 3. 15°
- X 4. 60°

Question ID: 81616113583 Status: Answered

Chosen Option: 1

**Q.25** If  $(54\sqrt{2} x^3 + 24\sqrt{3} y^3) \div (\sqrt{18} x + \sqrt{12} y) = Ax^2 + By^2 + Cxy$ , then what is the value of  $A^2 - (B^2 + C^2)$ ?

- Ans X 1. 12
  - **√** 2. -36
  - X 3. -24
  - X 4. 24

Question ID: 81616114081

Status: Not Answered

Chosen Option: --

Section: English Comprehension

Q.1 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

The sea has become / an cheap dumping ground / for all kinds / of waste products.

Ans X 1. of waste products

2. an cheap dumping ground

X 3. for all kinds

X 4. The sea has become

Question ID : **81616113792** Status : **Answered** Chosen Option : **2** 

Q.2 Select the most appropriate meaning of the given idiom.

#### Herculean task

Ans X 1. A job that requires a lot of talking and information

X 2. A job that makes everyone feel proud

X 4. A job that only weak people are assigned

Question ID : **81616113810**Status : **Answered**Chosen Option : **3** 

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike.
- B. Coconut products are used to make everything from clothing to animal feed to beauty creams.
- C. The coconut is a very useful plant with a wide range of products being sourced from it.
- D. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibres.

Ans X 1. CADB

X 2. BCAD

X 3. ADBC

✓ 4. CBDA

Question ID: 81616113805 Status: Answered

Chosen Option: 4

Q.4 Select the option that expresses the given sentence in indirect speech.

"How beautiful she is!" said Betty.

Ans X 1. Betty exclaimed with joy how beautiful she was.

2. Betty exclaimed with joy that she was very beautiful.

3. Betty exclaimed with joy how beautiful she is.

4. Betty exclaimed with joy she is very beautiful.

Question ID : 81616112482 Status : Answered

# Q.5 Select the INCORRECTLY spelt word. Ans X 1. Cancellation X 2. Incriminating 3. Unpretensious X 4. Embodiment Question ID: 81616114118 Status: Answered Chosen Option: 3 Q.6 Select the option that expresses the given sentence in passive voice. The man bought a parrot that could speak five languages. X 1. A parrot that could spoke five languages bought the man. 2. A parrot that spoke five languages was bought by the man. X 3. A parrot that spoken five languages was bought by the man. 4. A parrot that spoke five languages had been bought by the man. Question ID: 81616113592 Status: Answered Chosen Option: 2 Q.7 Select the INCORRECTLY spelt word. X 1. Pledge 2. Acquarium X 3. Abridge X 4. Bouquet Question ID: 81616114117 Status: Answered Chosen Option: 2 Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'. Hears to the news tonight at 9 p.m., as there will be an important announcement about the budget. X 1. Listened to Ans X 2. Hear to 💢 3. No substitution required 4. Listen to Question ID: 81616113594 Status: Marked For Review Chosen Option: 1

Q.9	Select the most appropriate ANTONYM of the given word.	
	Stalwart	
Ans	X 1. Firm	
	★ 2. Robust	
	X 4. Stout	
		Question ID : <b>81616113809</b>
		Status : Answered
		Chosen Option : 3
n 10	Select the most appropriate option to substitute the underlined se	eament in the given
Q. 10	sentence. If no substitution is required, select 'No substitution'.	eginent in the given
	Either the bears or the lion has escaped from the zoo.	
Ans	X 1. is escaped from the zoo	
	X 2. have escaped from the zoo	
	X 4. are escaped from the zoo	
		Ougotion ID : <b>01616112/10/</b>
		Question ID : 81616112484
		Status : Answered Chosen Option : 1
Q.11	Select the option that can be used as a one-word substitute for the One who studies the occult meanings of numbers and their suppolife	Status : Answered Chosen Option : 1  ne given group of words.
	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet	Status : Answered Chosen Option : 1  ne given group of words.
Q.11	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist	Status : Answered Chosen Option : 1  ne given group of words.
	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610
	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610
Ans	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet  4. Astrologer	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet  4. Astrologer  Select the most appropriate synonym of the given word.	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet  4. Astrologer  Select the most appropriate synonym of the given word.  Munch	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppolife  1. Astronomer  2. Numerologist  3. Prophet  4. Astrologer  Select the most appropriate synonym of the given word.  Munch  1. Flew	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppositife  *\times 1. Astronomer  *\times 2. Numerologist  *\times 3. Prophet  *\times 4. Astrologer   Select the most appropriate synonym of the given word.  Munch  *\times 1. Flew  *\times 2. Chew	Status : Answered Chosen Option : 1  The given group of words.  Discovery influence on human  Question ID : 81616113610 Status : Answered
Ans	One who studies the occult meanings of numbers and their suppolife  *\times 1. Astronomer  *\times 2. Numerologist  *\times 3. Prophet  *\times 4. Astrologer   Select the most appropriate synonym of the given word.  Munch  *\times 1. Flew  *\times 2. Chew  *\times 3. Drew	Status: Answered Chosen Option: 1  Degiven group of words.  Desed influence on human  Question ID: 81616113610 Status: Answered Chosen Option: 2
Ans	One who studies the occult meanings of numbers and their suppolife  *\times 1. Astronomer  *\times 2. Numerologist  *\times 3. Prophet  *\times 4. Astrologer   Select the most appropriate synonym of the given word.  Munch  *\times 1. Flew  *\times 2. Chew  *\times 3. Drew	Status : Answered Chosen Option : 1  Degiven group of words.  Degiven group of words.  Degiven group of words.  Question ID : 81616113610 Status : Answered Chosen Option : 2   Question ID : 81616112493
Ans	One who studies the occult meanings of numbers and their suppolife  *\times 1. Astronomer  *\times 2. Numerologist  *\times 3. Prophet  *\times 4. Astrologer   Select the most appropriate synonym of the given word.  Munch  *\times 1. Flew  *\times 2. Chew  *\times 3. Drew	Status : Answered Chosen Option : 1  The given group of words.  Discontinuous con human  Question ID : 81616113610 Status : Answered Chosen Option : 2

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph. A. But in snapping at the supposed treasure, he dropped the bit he was carrying, and so lost B. When he was crossing a river on his way home, he saw his own shadow reflected in the stream below. C. Thinking that it was another dog with another piece of meat, he resolved to make himself master of that also. D. A dog had stolen a piece of meat out of a butcher's shop. Ans ✓ 1. DBCA X 2. BDCA X 3. DACB X 4. ACDB Question ID: 81616114107 Status: Answered Chosen Option: 3 Q.14 Select the most appropriate ANTONYM of the given word. Slur X 1. Mixture Ans X 2. Assortment 3. Compliment X 4. Insult Question ID: 81616114111 Status: Answered Chosen Option: 3 Q.15 Select the option that can be used as a one-word substitute for the given group of words. Having no boundaries or limits X 1. Tremendous 2. Infinite X 3. Enormous X 4. Colossal Question ID: 81616113611 Status: Answered Chosen Option: 2 Q.16 Select the most appropriate option to fill in the blank. Social isolation, overcrowding, the \_\_\_\_\_ of our society and several other factors are responsible for stress.

Ans X 1. cheapness

2. competitiveness

•

🗙 3. attractiveness

X 4. affordability

Question ID: 81616113614 Status: Answered

Q.17	The following sentence has been split into four segments. Identify the contains a grammatical error.	segment that
	Won't you / please come / to help me / along this heavy box?	
Ans	X 1. to help me	
	X 2. Won't you	
	X 3. please come	
	4. along this heavy box	
		Question ID : 81616113591
		Status : <b>Answered</b>
		Chosen Option : 4
Q.18	Select the most appropriate synonym of the given word.	
	Termination	
Ans	★ 1. Conduction	
	2. Conclusion	
	X 3. Consolation	
	X 4. Conviction	
		Question ID : 81616112494 Status : Answered
		Chosen Option : 4
Q.19	Select the most appropriate meaning of the given idiom.	
	Pipe dream	
Ans	★ 1. A dream or idea that keeps getting repeated	
	X 2. A dream or idea that is loudly proclaimed	
	3. A dream or idea that is unlikely to happen	
	X 4. A dream or idea that is nearly accomplished	
		Oversting ID - 04545440044
		Question ID : 81616113811 Status : Answered
		Chosen Option : 3
0.20	Select the most appropriate option to fill in the blank.	
	Advertisers often use rhyme and	
Ans	X 1. alteration	
	✓ 2. alliteration	
	X 3. designation	
	X 4. denunciation	
		Question ID : <b>81616112504</b>
		Status : Marked For Review
		Chosen Option : 2

### 

Question ID : **81616114102**Status : **Answered**Chosen Option : **4** 

#### Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)\_\_\_\_\_ in gaseous, liquid, and solid states. It is (2)\_\_\_\_\_ of the most plentiful and essential (3)\_\_\_\_ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)\_\_\_\_ to dissolve many other substances. Indeed, the (5)\_\_\_\_ of water as a solvent is essential to living organisms.

#### SubQuestion No: 22

Q.22 Select the most appropriate option to fill in blank number 2.

Ans

1. one

× 2. unique

X 3. single

X 4. Ione

Question ID : 81616114103 Status : Answered

	Comprehension:	
	In the following passage, some words have been deleted. Fill in the blan alternatives given. Select the most appropriate option for each blank.	nks with the help of the
	Water, a substance composed of the chemical elements hydrogen and gaseous, liquid, and solid states. It is (2) of the most plentiful and compounds. A tasteless and odourless liquid at room temperature, it is (4) to dissolve many other substances. Indeed, the (5) of we essential to living organisms.	d essential (3) as the important
	SubQuestion No : 23	
Q.23	Select the most appropriate option to fill in blank number 3.	
Ans	<b>✓</b> 1. of	
	<b>★</b> 2. in	
	<b>★</b> 3. by	
	<b>★</b> 4. for	
		Question ID : 81616114104 Status : Answered
		Chosen Option : 4

#### Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)\_\_\_\_\_ in gaseous, liquid, and solid states. It is (2)\_\_\_\_ of the most plentiful and essential (3)\_\_\_ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)\_\_\_\_ to dissolve many other substances. Indeed, the (5)\_\_\_ of water as a solvent is essential to living organisms.

#### SubQuestion No: 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans 💜 1. ability

X 2. competence

X 3. knack

X 4. proficiency

Question ID : 81616114105 Status : Answered

# Comprehension: In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Water, a substance composed of the chemical elements hydrogen and oxygen (1)\_\_\_\_\_ in gaseous, liquid, and solid states. It is (2)\_\_\_\_\_ of the most plentiful and essential (3)\_\_\_\_ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)\_\_\_\_\_ to dissolve many other substances. Indeed, the (5)\_\_\_\_ of water as a solvent is essential to living organisms. SubQuestion No: 25 Q.25 Select the most appropriate option to fill in blank number 5. Ans 1. versatility X 2. validity X 3. velocity

X 4. veracity

Question ID : 81616114106 Status : Answered