

Combined Graduate Level Examination 2020 Tier-I

Roll Number	www.exammix.com
Candidate Name	
Venue Name	
Exam Date	23/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 Select the number from among the given options that can replace the question mark (?) in the following series.

11, 13, 19, 49, 109, 239, ?

Ans 1. 449

2. 394

3. 349

4. 494

Question ID : 81616112920

Status : Answered

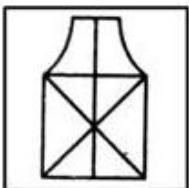
Chosen Option : 1

- Q.2 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

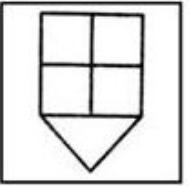


Ans

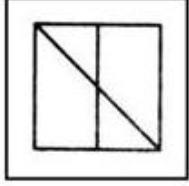
✓ 1.



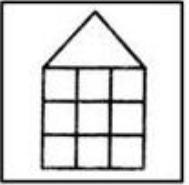
✗ 2.



✗ 3.



✗ 4.



Question ID : 81616113637

Status : Answered

Chosen Option : 1

- Q.3 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:

All teachers are doctors.

Some professors are doctors.

All professors are engineers.

Conclusions:

- I. All professors are doctors.
- II. Some doctors are engineers.
- III. Some teachers are engineers.
- IV. Some teachers are professors.

Ans ✗ 1. Only conclusions I, II and IV follow

✓ 2. Only conclusion II follows

✗ 3. All conclusions I, II, III and IV follow

✗ 4. Only conclusions II, III and IV follow

Question ID : 81616112313

Status : Answered

Chosen Option : 2

Q.4 Read the given information carefully and answer the question that follows.

- 'K \$ D' means 'K is the father of D'.
- 'K < D' means 'K is the wife of D'.
- 'K > D' means 'K is the daughter of D'.
- 'K @ D' means 'K is the son of D'.

How is S related to N in the expression 'H > R \$ S@T > N'?

Ans 1. Son-in-law

2. Grandson

3. Son

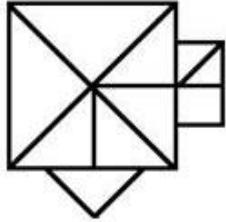
4. Nephew

Question ID : 81616113625

Status : Answered

Chosen Option : 2

Q.5 Find the number of triangles in the given figure.



Ans 1. 19

2. 13

3. 15

4. 17

Question ID : 81616113332

Status : Answered

Chosen Option : 3

Q.6 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

G_C_T_G_P_ T_G_P_C_D_P_C_D

Ans 1. P, D, C, D, T, G, T

2. P, C, T, D, G, T, D

3. P, D, D, C, G, T, T

4. P, T, T, D, D, C, G

Question ID : 81616113624

Status : Answered

Chosen Option : 1

Q.7 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 282, 5)

- Ans 1. (3, 405, 6)
 2. (5, 25, 1)
 3. (7, 152, 3)
 4. (2, 84, 4)

Question ID : 81616113328

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112327

Status : Answered
Chosen Option : 3

Q.9

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113333

Status : Answered
Chosen Option : 2

Q.10 In a certain code language, 'LOWER' is coded as '186' and 'MULISH' is coded as '320'. How will 'OPTIONAL' be coded in that language?

- Ans 1. 456
 2. 564
 3. 546
 4. 465

Question ID : 81616113320

Status : Answered
Chosen Option : 1

Q.11 In a certain code language, 'PAWAN' is written as 'SCZCQ' and 'SOHAM' is written as 'VQKCP'. How will 'KIRAN' be written in that language?

- Ans 1. NKUCQ
 2. MJUCQ
 3. NLVDQ
 4. MJVQR

Question ID : 81616112309

Status : Answered

Chosen Option : 1

Q.12 Two numbers A and B are such that the sum of 3% of A and 6% of B is four-fifths of the sum of 4% of A and 6% of B. Find the ratio of A + B and A - B.

- Ans 1. 5 : 6
 2. 7 : 5
 3. 4 : 5
 4. 6 : 5

Question ID : 81616113633

Status : Answered

Chosen Option : 2

Q.13 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. Lusaka
 2. Taka
 3. Harare
 4. Manama

Question ID : 81616113316

Status : Answered

Chosen Option : 2

Q.14 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Sensational
2. Sensitize
3. Sentiment
4. September
5. Sentence

- Ans 1. 1, 2, 5, 3, 4
 2. 5, 3, 2, 1, 4
 3. 2, 1, 5, 3, 4
 4. 4, 5, 1, 2, 4, 3

Question ID : 81616112910

Status : Answered

Chosen Option : 1

Q.15 Select the option that is related to the third word in the same way as the second word is related to the first word.

Toothpaste : Teeth :: Broom : ?

- Ans 1. Clean
 2. Wash
 3. Floor
 4. Garbage

Question ID : 81616112913

Status : Answered

Chosen Option : 3

Q.16 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(63, 76, 46)

- Ans 1. (83, 96, 66)
 2. (45, 58, 28)
 3. (72, 85, 55)
 4. (69, 84, 52)

Question ID : 81616112317

Status : Answered

Chosen Option : 3

Q.17 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

PND, QKI, RHN, SES, ?

- Ans 1. TBX
 2. SXC
 3. TXB
 4. SCX

Question ID : 81616113616

Status : Answered

Chosen Option : 1

Q.18 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

$$25 * 7 * 40 * 20 * 4 * 210$$

- Ans 1. +, -, =, ÷, ×
 2. ×, -, +, ÷, =
 3. -, +, =, ÷, ×
 4. ×, +, -, ÷, =

Question ID : 81616113329

Status : Answered

Chosen Option : 4

Q.19 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.

- Ans 1. 19 : 68
 2. 23 : 84
 3. 13 : 90
 4. 17 : 60

Question ID : 81616113326

Status : Answered

Chosen Option : 3

Q.20 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans 1. LNJP
 2. GIEY
 3. PRNT
 4. FHDJ

Question ID : 81616112911

Status : Answered

Chosen Option : 2

Q.21

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113638

Status : Answered

Chosen Option : 4

Q.22

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113639

Status : Answered

Chosen Option : 1

Q.23 Select the option that is related to the third number in the same way as the second number is related to the first number.

39 : 91 :: 51 : ?

Ans 1. 93

2. 119

3. 125

4. 178

Question ID : 81616112315

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.24 Select the option in which the words share the same relationship as that shared by the given pair of words.

Help : Hinder

Ans 1. Indigent : Rich

2. Lenient : Forgiving

3. Impulsive : Hasty

4. Insipid : Plain

Question ID : 81616113621

Status : Answered

Chosen Option : 2

Q.25

Ans 1.

2.

3.

4.

Question ID : 81616112927

Status : Not Attempted and
Marked For Review

Chosen Option : --

Section : General Awareness

Q.1 The area served by a canal system through supply of water for irrigation and other purposes is called a _____.

Ans 1. command area

2. gross irrigated area

3. net sown area

4. net irrigated area

Question ID : 81616113347

Status : Not Answered

Chosen Option : --

Q.2 Mukhyamantri Bagayat Vikas Mission (Horticulture Development Mission) scheme was launched by which of the following state governments in January 2021?

- Ans 1. Maharashtra
 2. Gujarat
 3. Uttar Pradesh
 4. Bihar

Question ID : 81616112956

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.3 One of the major events of Ashoka's reign was the convening of the _____ Buddhist Sangha (council) in 250 BCE in the capital Pataliputra.

- Ans 1. Third
 2. Fourth
 3. Second
 4. First

Question ID : 81616112340

Status : Answered
Chosen Option : 1

Q.4 Which Schedule of the Indian Constitution demarcates the powers of the Union and the States, that is Union List, State List and Concurrent List?

- Ans 1. Fourth Schedule
 2. First Schedule
 3. Seventh Schedule
 4. Third Schedule

Question ID : 81616113660

Status : Answered
Chosen Option : 3

Q.5 In which of the following years was the micro-credit scheme 'Street Vendor's AtmaNirbhar Nidhi' ('PM SVANidhi') launched?

- Ans 1. 2020
 2. 2014
 3. 2015
 4. 2017

Question ID : 81616113341

Status : Answered
Chosen Option : 1

Q.6 Where is the headquarters of the Badminton World Federation located?

Ans 1. Malaysia

2. Singapore

3. Switzerland

4. Japan

Question ID : 81616112954

Status : Answered

Chosen Option : 1

Q.7 Henry Moniz has been appointed as the first-ever Chief Compliance Officer of which of the following tech giants in January 2021?

Ans 1. Facebook Inc.

2. Google LLC

3. Apple Inc.

4. Twitter Inc.

Question ID : 81616112958

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 All the non-zero vectors are called _____.

Ans 1. equal vectors

2. coplanar vectors

3. proper vectors

4. co-initial vectors

Question ID : 81616112332

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 In medicine, _____ is a device such as a small metal plate or needle that carries electricity from an instrument to a patient for treatment or surgery.

Ans 1. an electrode

2. a machmeter

3. an electrolyte

4. a venturimeter

Question ID : 81616112939

Status : Answered

Chosen Option : 2

Q.10 The Indian Forest Act 1927 was enacted after repealing which of the following Indian forest acts?

- Ans 1. Indian Forest Act, 1865
 2. Indian Forest Act, 1882
 3. Indian Forest Act, 1878
 4. Indian Forest Act, 1922

Question ID : 81616113351

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 Which of the following liquids has the highest pH?

- Ans 1. Orange juice
 2. Lemon juice
 3. Milk of magnesia
 4. Human blood

Question ID : 81616113649

Status : Answered
Chosen Option : 3

Q.12 Which book written by Douglas Stuart won him the Booker Prize 2020?

- Ans 1. Shuggie Bain
 2. The White Tiger
 3. The Testaments
 4. Hamnet

Question ID : 81616113658

Status : Answered
Chosen Option : 1

Q.13 _____ boundaries occur when plates collide and one plate is pushed under the other.

- Ans 1. Convergent
 2. Continental
 3. Transform
 4. Divergent

Question ID : 81616112945

Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.14 Which of the following organizations releases the Global Innovation Index?

- Ans 1. WTO
 2. INSEAD, Cornell University, WIPO
 3. UNDP
 4. WEF

Question ID : 81616113643

Status : Answered

Chosen Option : 4

Q.15 What do you call the property of an organism of self-regulation and the tendency to maintain a steady state within an external environment which is liable to change?

- Ans 1. Consciousness
 2. Metabolism
 3. Homeostasis
 4. Irritability

Question ID : 81616112335

Status : Marked For Review

Chosen Option : 3

Q.16 According to Ashokan edicts, how many years after becoming the king did Ashoka wage war on Kalinga?

- Ans 1. Seven
 2. Five
 3. Eight
 4. Six

Question ID : 81616113655

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.17 Muhammad Ghori attacked Tabarhinda (Bhatinda) in 1191, a strategic point for _____.

- Ans 1. Prithviraj Chauhan
 2. Maharana Pratap Singh
 3. Hem Chandra Vikramaditya
 4. Rana Kumbha

Question ID : 81616112343

Status : Answered

Chosen Option : 1

Q.18 According to which of the following Articles of the Constitution of India shall a Money Bill not be introduced in a Legislative Council?

- Ans 1. Article 333
 2. Article 198
 3. Article 189
 4. Article 451

Question ID : 81616113356

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.19 Who among the following was the first Indian badminton player to qualify for two events - mixed doubles and women's doubles - in the Olympics?

- Ans 1. Ashwini Ponnappa
 2. PV Sindhu
 3. Jwala Gutta
 4. Saina Nehwal

Question ID : 81616112349

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.20 'Panche' is a traditional sarong worn by the men in the state of ____.

- Ans 1. Assam
 2. Sikkim
 3. Karnataka
 4. Kerala

Question ID : 81616112328

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.21 At which of the following places was the 'Street Theatre and Performing Arts Fellowship' scheme launched in January 2021 to give artists an opportunity to showcase their craft?

- Ans 1. Haryana
 2. Goa
 3. Chandigarh
 4. Delhi

Question ID : 81616113339

Status : Answered

Chosen Option : 4

Q.22 Which of the following books is authored by Dalai Lama and launched by him in February 2021?

- Ans 1. A Little Book of Courage
 2. Connecting, Communicating, Changing
 3. The Little Book of Hope
 4. The Little Book of Encouragement

Question ID : 81616112950

Status : Answered

Chosen Option : 4

Q.23 Which of the following plant hormones regulates growth, particularly by stimulating cell elongation in stems?

- Ans 1. Gibberellin
 2. Cytokinin
 3. Ethylene
 4. Auxin

Question ID : 81616113344

Status : Answered

Chosen Option : 4

Q.24 When a river originates from a hill and flows in all directions, the drainage pattern is known as ____.

- Ans 1. centripetal
 2. dendritic
 3. trellis
 4. radial

Question ID : 81616113651

Status : Not Answered

Chosen Option : --

Q.25 G20 Leaders' Summit 2020 was held virtually on 20th and 21st November 2020 and was presided by ____.

- Ans 1. Pakistan
 2. Saudi Arabia
 3. Iran
 4. India

Question ID : 81616113664

Status : Answered

Chosen Option : 2

Section : Quantitative Aptitude

Q.1

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113685

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.2

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113367

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.3

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113676

Status : **Answered**

Chosen Option : 3

Q.4

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113370

Status : **Answered**

Chosen Option : 1

Q.5

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112978

Status : Answered

Chosen Option : 2

Q.6

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112975

Status : Answered

Chosen Option : 4

Q.7

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112960

Status : Answered

Chosen Option : 1

Q.8

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112274

Status : Answered

Chosen Option : 3

Q.9

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113889

Status : Answered

Chosen Option : 1

Q.10

- Ans ✓ 1.
✗ 2.
✗ 3.
✗ 4.

Question ID : 81616112362
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.11

- Ans ✗ 1.
✗ 2.
✗ 3.
✓ 4.

Question ID : 81616112365
Status : Answered
Chosen Option : 4

Q.12

- Ans ✗ 1.
✓ 2.
✗ 3.
✗ 4.

Question ID : 81616113371
Status : Answered
Chosen Option : 2

Q.13

- Ans ✗ 1.
✗ 2.
✓ 3.
✗ 4.

Question ID : 81616113381
Status : Answered
Chosen Option : 3

Q.14

- Ans ✗ 1.
✓ 2.
✗ 3.
✗ 4.

Question ID : 81616113891
Status : Not Answered
Chosen Option : --

Q.15

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113378

Status : Not Answered

Chosen Option : --

Q.16

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112970

Status : Not Answered

Chosen Option : --

Q.17

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112356

Status : Not Answered

Chosen Option : --

Q.18

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113376

Status : Not Answered

Chosen Option : --

Q.19

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113363

Status : Not Answered

Chosen Option : --

Q.20

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113680

Status : Not Answered

Chosen Option : --

Q.21

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112964

Status : Not Answered

Chosen Option : --

Q.22

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112276

Status : Not Answered

Chosen Option : --

Q.23

- Ans 1.
 2.
 3.
 4.

Question ID : 81616112359

Status : Answered

Chosen Option : 4

Q.24

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113683

Status : Answered

Chosen Option : 3

Q.25

- Ans 1.
 2.
 3.
 4.

Question ID : 81616113668

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the most appropriate synonym of the given word.

Banner

- Ans 1. March
 2. Rally
 3. Poster
 4. Protest

Question ID : 81616113705

Status : Answered

Chosen Option : 3

Q.2 Select the INCORRECTLY spelt word.

- Ans 1. Elite
 2. Petete
 3. Concrete
 4. Secrete

Question ID : 81616113006

Status : Answered

Chosen Option : 2

Q.3 Select the most appropriate synonym of the given word.

Absolve

- Ans 1. Accuse
 2. Condemn
 3. Attack
 4. Pardon

Question ID : 81616113706

Status : Answered

Chosen Option : 4

Q.4 Select the most appropriate ANTONYM of the given word.

Fecund

- Ans 1. Barren
 2. Polite
 3. Genial
 4. Rude

Question ID : 81616113000

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.5 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 army / marched fearless / towards / the enemy cantonment.

- Ans 1. marched fearless
 2. towards
 3. The army
 4. the enemy cantonment

Question ID : 81616112378

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

What were the examples that the writer gave to proved his point?

- Ans 1. given to prove his point
 2. gave to prove his point
 3. No substitution
 4. give for proving his point

Question ID : 81616113696

Status : Answered

Chosen Option : 2

Q.7 Select the most appropriate option to fill in the blank.

We are bewildered by the power which science has suddenly placed in our laps, and we are _____ by the realisation of our unpreparedness to deal with a crisis.

- Ans 1. proud
 2. demeaned
 3. condemned
 4. humbled

Question ID : 81616113716

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 Select the most appropriate meaning of the given idiom.

Draw the line at something

- Ans 1. Accept something up to a particular point
 2. Agreeing to an idea
 3. Making pencil sketches
 4. Coming to a conclusion

Question ID : 81616112397

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.9 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.

Several prominent film stars / have appeared on television / on behalf of awareness / about hand hygiene.

- Ans 1. on behalf of awareness
 2. have appeared on television
 3. about hand hygiene
 4. Several prominent film stars

Question ID : 81616113389

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.10 Select the option that expresses the given sentence in indirect speech.

The counter clerk asked the visitor, "What is your name?"

- Ans 1. The counter clerk asked the visitor his name.
 2. The counter clerk asks the visitor your name.
 3. The counter clerk is asking the visitor your name.
 4. The counter clerk has asked the visitor his name.

Question ID : 81616113694

Status : **Answered**

Chosen Option : 1

Q.11 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. Information Communication Technology tools have brought in additional changes along with means of communication.
- B. These changes have enabled man to communicate faster.
- C. Communication has not only become faster but easier too.
- D. The result is a more relaxed life than ever before.

Ans 1. ABDC

2. DBCA

3. ABCD

4. CDBA

Question ID : 81616112996

Status : Answered

Chosen Option : 3

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

The state of being subject to death

Ans 1. Mortality

2. Morbidity

3. Immortality

4. Deadly

Question ID : 81616113409

Status : Answered

Chosen Option : 1

Q.13 Select the most appropriate ANTONYM of the given word.

Harmony

Ans 1. Rapport

2. Friendship

3. Peace

4. Hatred

Question ID : 81616112395

Status : Answered

Chosen Option : 4

Q.14 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

If you are not able to go out, did not worry.

Ans 1. don't worried

2. do not worry

3. worrying not

4. No substitution

Question ID : 81616113392

Status : Answered

Chosen Option : 2

Q.15 Select the INCORRECTLY spelt word.

- Ans 1. Refurbish
 2. Sanctity
 3. Esscalator
 4. Automated

Question ID : 81616113007

Status : Answered

Chosen Option : 3

Q.16 Select the most appropriate option to fill in the blank.

The government has hardened its _____ against the agitators and imposed a curfew in the area.

- Ans 1. manner
 2. orientation
 3. bearing
 4. stance

Question ID : 81616113412

Status : Answered

Chosen Option : 4

Q.17 Select the option that expresses the given sentence in passive voice.

He gave Kaveri a beautiful yellow dress.

- Ans 1. Kaveri has given a beautiful yellow dress by him.
 2. Kaveri is given a beautiful yellow dress by him.
 3. Kaveri was given a beautiful yellow dress by him.
 4. Kaveri has been given a beautiful yellow dress by him.

Question ID : 81616113390

Status : Answered

Chosen Option : 3

Q.18 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. Inspector: "Were you sleeping when the robbers entered the bank?"
B. Guard: "The iron grill lock was broken and the bank looked ransacked but the robbers could not take away anything as I had returned quickly."
C. Inspector: "What did you see when you came back?"
D. Guard: "No Sir. The bank had closed and I had just gone to relieve myself."

- Ans 1. BADC
 2. ABCD
 3. CDAB
 4. ADCB

Question ID : 81616112391

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate meaning of the given idiom.

On cloud nine

Ans 1. Extremely happy

2. Flying with a parachute

3. Frequently flying by air

4. Extremely sad

Question ID : 81616112396

Status : Answered

Chosen Option : 1

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A musical composition made up of a series of songs or short pieces

Ans 1. Medley

2. Lyric

3. Band

4. Orchestra

Question ID : 81616113408

Status : Answered

Chosen Option : 1

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.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no.1.

Ans 1. connects

2. means

3. seems

4. refers

Question ID : 81616112991

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.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no.2.

- Ans 1. on
 2. in
 3. at
 4. of

Question ID : **81616112992**

Status : **Answered**

Chosen Option : **1**

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.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no.3.

- Ans 1. sudden
 2. several
 3. useful
 4. separate

Question ID : **81616112993**

Status : **Answered**

Chosen Option : **2**

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.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no.4.

- Ans 1. purposely
 2. gradually
 3. properly
 4. frequently

Question ID : **81616112994**

Status : **Answered**

Chosen Option : **2**

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.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no.5.

- Ans 1. rivers
 2. glaciers
 3. mountains
 4. lakes

Question ID : **81616112995**

Status : **Answered**

Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	www.exammix.com
Candidate Name	
Venue Name	
Exam Date	23/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 In a certain code language, 'LOAD' is coded as '27241613' and 'CLEAN' is coded as '2725231614'. How will 'STRIKE' be coded in that language?

- Ans 1. 2317190189
 2. 1231719089
 3. 1719102389
 4. 2319171098

Question ID : 81616113623

Status : Not Answered

Chosen Option : –

Q.2 Select the letter from among the given options that can replace the question mark (?) in the following series.

- Y, S, N, J, ?
Ans 1. E
 2. G
 3. F
 4. H

Question ID : 81616112311

Status : Answered

Chosen Option : 2

Q.3 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

- ZVG, XRI, VNK, TJM, RFO, ?
Ans 1. QBR
 2. QDP
 3. PAR
 4. PBQ

Question ID : 81616112303

Status : Answered

Chosen Option : 4

Q.4 Select the option in which the words share the same relationship as that shared by the given pair of words.

Zakir Hussain : Tabla

Ans 1. Bismillah Khan : Sarod

2. Ravi Shankar : Santoor

3. Amjad Ali Khan : Shehnai

4. Hariprasad Chaurasia : Flute

Question ID : 81616112308

Status : Answered

Chosen Option : 4

Q.5 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:

All ministers are politicians.

All pilots are ministers.

No engineer is a politician.

Conclusions:

I. Some ministers are pilots.

II. No engineer is a minister.

III. No engineer is a pilot.

Ans 1. Only conclusions I and II follow

2. Only conclusions II and III follow

3. Only conclusions I and III follow

4. All the conclusions follow

Question ID : 81616114030

Status : Answered

Chosen Option : 4

Q.6 Select the number from among the given options that can replace the question mark (?) in the following series.

28, 18, 12, 8, ?

Ans 1. 3

2. 5

3. 2

4. 4

Question ID : 81616113425

Status : Answered

Chosen Option : 2

Q.7 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

$$252 * 14 * 8 * 100 * 16 * 60$$

Ans 1. ÷, ×, -, +, =

2. ÷, ×, +, -, =

3. ÷, -, ×, +, =

4. ÷, ×, +, -, =

Question ID : 81616113632

Status : Answered

Chosen Option : 1

Q.8 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.

$$350 : 5 :: ?: 13 :: 990 : 9$$

Ans 1. 1620

2. 1950

3. 1258

4. 1052

Question ID : 81616114032

Status : Not Answered

Chosen Option : –

Q.9 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. Bray

2. Growl

3. Gallop

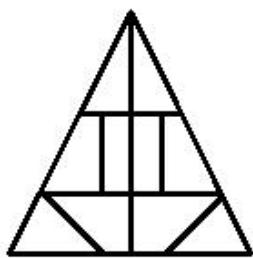
4. Squeak

Question ID : 81616113619

Status : Not Answered

Chosen Option : –

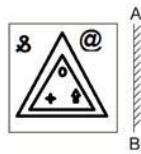
Q.10 Find the number of triangles in the given figure.



- Ans 1. 12
 2. 11
 3. 14
 4. 15

Question ID : 81616113635
Status : Marked For Review
Chosen Option : 2

Q.11 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



- Ans 1. 
 2. 
 3. 
 4. 

Question ID : 81616112325
Status : Answered
Chosen Option : 2

Q.12 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(3, 6, 63)

- Ans 1. (5, 6, 92)
 2. (7, 3, 58)
 3. (8, 5, 64)
 4. (4, 5, 89)

Question ID : 81616114034

Status : Answered

Chosen Option : 4

Q.13 Select the option that is related to the third word in the same way as the second word is related to the first word.

Bats : Colony :: Lions : ?

- Ans 1. Pride
 2. Charm
 3. Band
 4. Herd

Question ID : 81616113418

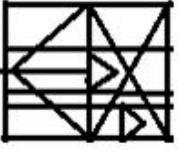
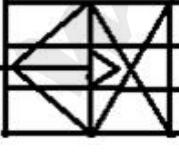
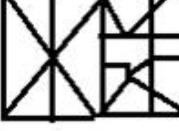
Status : Answered

Chosen Option : 1

Q.14 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

1. 
 2. 
 3. 
 4. 

Question ID : 81616112324

Status : Answered

Chosen Option : 2

Q.15 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Sinuous
2. Solemnity
3. Singular
4. Solvable
5. Sorting

Ans 1. 3, 1, 2, 4, 5

2. 1, 3, 2, 5, 4

3. 1, 3, 2, 4, 5

4. 3, 2, 1, 5, 4

Question ID : 81616113415

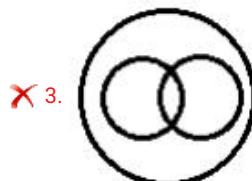
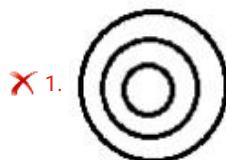
Status : Answered

Chosen Option : 4

Q.16 Select the Venn diagram that best illustrates the relationship among the following classes.

Reptiles, Frogs, Animals

Ans



Question ID : 81616114044

Status : Answered

Chosen Option : 2

Q.17 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.

Ans 1. 5 : 100

2. 7 : 294

3. 6 : 180

4. 4 : 52

Question ID : 81616113629

Status : Answered

Chosen Option : 4

Q.18 Arya's mother's husband is the brother of Meena's mother. Vansh is the brother of Meena and Kavita. Varun is the father of Arya. How is Varun related to Vansh?

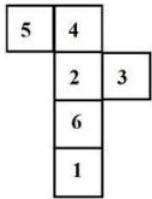
- Ans 1. Father
 2. Maternal uncle
 3. Brother
 4. Son

Question ID : 81616112312

Status : Answered

Chosen Option : 3

Q.19 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the opposite side of the number '1'?



- Ans 1. 5
 2. 2
 3. 4
 4. 3

Question ID : 81616113636

Status : Answered

Chosen Option : 2

Q.20 In a certain code language, 'TRAVEL' is written as 'SUWBMF'. How will 'FROZEN' be written in that language?

- Ans 1. TGBPOF
 2. SGAQPF
 3. SGAPOF
 4. SGBPOG

Question ID : 81616114026

Status : Answered

Chosen Option : 3

Q.21 Select the options in which the numbers are related in the same way as are the numbers of the following set.

(4, 532, 10)

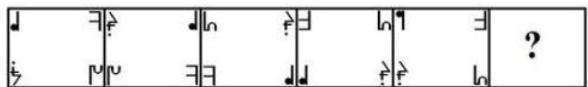
- Ans 1. (4, 140, 6)
 2. (9, 396, 4)
 3. (3, 269, 8)
 4. (2, 121, 6)

Question ID : 81616113631

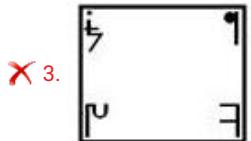
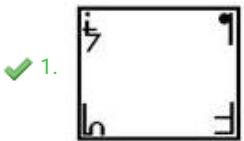
Status : Answered

Chosen Option : 3

Q.22 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 81616113432

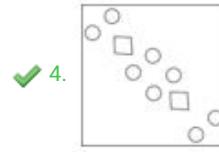
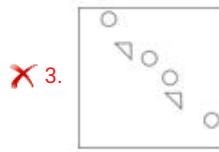
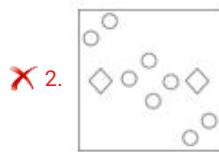
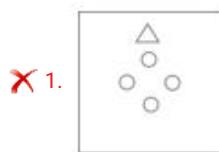
Status : Answered

Chosen Option : 1

Q.23 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 81616112326

Status : Answered

Chosen Option : 4

Q.24 The average age of 17 persons is 39 years. If the average age of the first 9 persons is 35 years, and the average age of the last 9 persons is 44 years, what is the age of the 9th person?

Ans 1. 48 years
 2. 45 years
 3. 41 years
 4. 36 years

Question ID : 81616112320

Status : Answered

Chosen Option : 1

Q.25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans 1. HJQL
 2. WYBY
 3. LNMH
 4. RTGB

Question ID : 81616113416

Status : Answered

Chosen Option : 2

Q.1 _____ is a process in which impure water is boiled and the steam is collected and condensed in a separate container, leaving many of the solid contaminants behind.

Ans 1. Distillation

2. Sedimentation

3. Filtration

4. Decantation

Question ID : 81616113444

Status : Answered

Chosen Option : 1

Q.2 Which of the following became the first Indian state to give electricity subsidy to farmers through Direct Benefit Transfer in January 2021?

Ans 1. Madhya Pradesh

2. Sikkim

3. Uttarakhand

4. Manipur

Question ID : 81616113461

Status : Not Answered

Chosen Option : –

Q.3 Prithviraj Chauhan and Muhammad Ghori fought the battle of _____.

Ans 1. Chausa

2. Chanderi

3. Tarain

4. Tallikota

Question ID : 81616114057

Status : Answered

Chosen Option : 3

Q.4 Identify the state in which you will find the highest peak of the Deccan Plateau, Anai Mudi.

Ans 1. Tamil Nadu

2. Andhra Pradesh

3. Karnataka

4. Kerala

Question ID : 81616112338

Status : Answered

Chosen Option : 1

Q.5 What is the chemical symbol of magnesium?

Ans 1. Mn

2. Ms

3. Ma

4. Mg

Question ID : 81616114049

Status : Answered

Chosen Option : 4

Q.6 The horizontal rows in the modern periodic table are called:

Ans 1. periods

2. families

3. groups

4. clusters

Question ID : 81616114052

Status : Marked For Review

Chosen Option : 1

Q.7 Which branch of economics deals with the depletion of natural resources stock and pollution, which are a result of rapid economic development?

Ans 1. Public Economics

2. Developmental Economics

3. Environmental Economics

4. International Economics

Question ID : 81616112330

Status : Marked For Review

Chosen Option : 2

Q.8 Who among the following is the author of the book 'Tabaqat-i-Nasiri'?

Ans 1. Ziauddin Barani

2. Al-Biruni

3. Amir Khusrau

4. Minhaj-us-Siraj

Question ID : 81616112342

Status : Not Answered

Chosen Option : –

Q.9 Identify the author of the book 'The English Teacher'.

Ans 1. R.K Narayan

2. Salman Rushdie

3. Khushwant Singh

4. Vikram Seth

Question ID : 81616112345

Status : Answered

Chosen Option : 2

Q.10 Who has the power to recommend the dismissal of the state government and suspension or dissolution of the state assembly?

- Ans 1. Governor
 2. Prime Minister
 3. Chief Minister
 4. Speaker of legislative assembly

Question ID : 81616113659

Status : Answered

Chosen Option : 1

Q.11 Which longitude has been selected as the Standard Meridian of India?

- Ans 1. 82°30'E
 2. 81°30'E
 3. 82°32'E
 4. 82°31'E

Question ID : 81616113650

Status : Answered

Chosen Option : 1

Q.12 Who among the following persons was appointed as the chief scientist of the International Cotton Advisory Committee in January 2021?

- Ans 1. Sandhya Kranthi
 2. Kai Hughes
 3. Keshav Kranthi
 4. Caroline Taco

Question ID : 81616113463

Status : Not Answered

Chosen Option : –

Q.13 Who among the following wrote the novel 'Gora'?

- Ans 1. Rabindranath Tagore
 2. Mahatma Gandhi
 3. Abanindranath Tagore
 4. Premchand

Question ID : 81616113455

Status : Marked For Review

Chosen Option : 1

Q.14 In which of the following sports is the shakehand grip used?

Ans 1. Table tennis

2. Cricket

3. Badminton

4. Squash

Question ID : 81616114066

Status : Not Answered

Chosen Option : –

Q.15 Who among the following chroniclers wrote about Raziyaa and recognised that she was more able and qualified than all her brothers?

Ans 1. Ibn Battuta

2. Amir Khusrau

3. Minhaj-i-Siraj

4. Zia-ud-din Barani

Question ID : 81616113654

Status : Answered

Chosen Option : 2

Q.16 _____ is made of lower density felsic rocks, such as andesite and granite.

Ans 1. Oceanic crust

2. Continental crust

3. Inner core

4. Outer core

Question ID : 81616113450

Status : Answered

Chosen Option : 2

Q.17 The female devotee, Andal belonged to which part of India?

Ans 1. Western

2. North-eastern

3. Northern

4. Southern

Question ID : 81616114060

Status : Marked For Review

Chosen Option : 4

Q.18 According to the World Bank's annual report on the Ease of Doing Business (EODB), 'Doing Business 2020: Comparing Business Regulations in 190 Economies', India ranks ____ out of 190 countries.

- Ans 1. 47th
 2. 63rd
 3. 54th
 4. 78th

Question ID : 81616112351

Status : Answered

Chosen Option : 2

Q.19 Which of the following statements is correct?

- Ans 1. If the constituents of the medium oscillate perpendicular to the direction of wave propagation, we call the wave a longitudinal wave.
 2. If the constituents of the medium oscillate along the direction of wave propagation, we call the wave a transverse wave.
 3. Frequency of a wave is the number of oscillations of each constituent particle in the vibrating medium per minute.
 4. The minimum distance between two points in a wave having the same phase at a particular instant of time is called the wave length.

Question ID : 81616113647

Status : Not Answered

Chosen Option : –

Q.20 Which of the following is NOT a disease caused by a virus?

- Ans 1. AIDS
 2. Plague
 3. Zika
 4. Ebola

Question ID : 81616112336

Status : Answered

Chosen Option : 2

Q.21 Who among the following has been the longest-serving female chief minister of any Indian state, as on January 2021?

- Ans 1. Sucheta Kripalani
 2. Sheila Dixit
 3. Syeda Anwara Taimur
 4. J Jayalalithaa

Question ID : 81616112347

Status : Answered

Chosen Option : 4

Q.22 Who among the following was the first scholar to decipher the Ashokan edicts?

Ans 1. Alexander Cunningham

2. James Prinsep

3. V Gordon Childe

4. James Taylor

Question ID : 81616113642

Status : Answered

Chosen Option : 2

Q.23 In January 2018, the Government of India and NITI Aayog launched the 'Transformation of Aspirational Districts' initiative with a vision to improve India's ranking under the Human Development Index by 2022. Which of the following is NOT one of the programme's core area of focus?

Ans 1. Industry and innovation

2. Health and nutrition

3. Education

4. Agriculture and water resources

Question ID : 81616113644

Status : Answered

Chosen Option : 1

Q.24 Which of the following cities is closest to the location of Pushkar Fair?

Ans 1. Amravati

2. Ajmer

3. Ahmedabad

4. Prayagraj

Question ID : 81616114045

Status : Answered

Chosen Option : 2

Q.25 In which of the following countries was the first hockey association formed?

Ans 1. The UK

2. Spain

3. India

4. The US

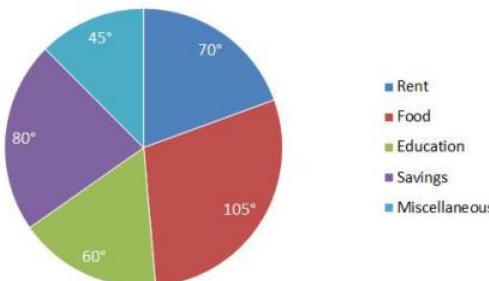
Question ID : 81616113459

Status : Not Answered

Chosen Option : –

Section : Quantitative Aptitude

Q.1 Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of the family is ₹144000.



What is the expenditure (in ₹) on education?

- Ans 1. 12000
 2. 24000
 3. 36000
 4. 20000

Question ID : 81616113182

Status : Answered

Chosen Option : 2

Q.2 A tangent is drawn from a point P to a circle, which meets the circle at T such that PT = 8 cm. A secant PAB intersects the circle in points A and B. If PA = 5 cm, what is the length (in cm) of the chord AB?

- Ans 1. 8.0
 2. 8.4
 3. 6.4
 4. 7.8

Question ID : 81616112367

Status : Answered

Chosen Option : 4

Q.3 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
B	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 difference between the average number of students enrolled for VC in institute F in 2015, 2017 and 2018 and the average number of students enrolled in all the six institutes in 2014, is:

- Ans 1. 89
 2. 88
 3. 82
 4. 85

Question ID : 81616113991

Status : Not Answered

Chosen Option : –

Q.4 If $\frac{\sin^2 \theta}{\tan^2 \theta - \sin^2 \theta} = 5$, θ is an acute angle, then the value of $\frac{24 \sin^2 \theta - 15 \sec^2 \theta}{6 \cosec^2 \theta - 7 \cot^2 \theta}$ is:

Ans 1. -2

2. 2

3. -14

4. 14

Question ID : 81616113684

Status : Answered

Chosen Option : 3

Q.5 The area of a circular path enclosed by two concentric circles is 3080 m^2 . If the difference between the radius of the outer edge and that of inner edge of the circular path is 10 m, what is the sum (in m) of the two radii? (Take $\pi = \frac{22}{7}$)

Ans 1. 112

2. 70

3. 84

4. 98

Question ID : 81616113681

Status : Answered

Chosen Option : 4

Q.6 Three persons A, B and C donate 10%, 7% and 9% respectively of their monthly salaries to a charitable trust. Monthly salaries of A and B are equal and the difference between the donations of A and B is ₹900. If the total donation by A and B is ₹600 more than that of C, then what is the monthly salary (in ₹) of C?

Ans 1. 45000

2. 55000

3. 50000

4. 60000

Question ID : 81616113670

Status : Not Answered

Chosen Option : -

Q.7 If x is subtracted from each of 24, 40, 33 and 57, the numbers so obtained are in proportion. The ratio of $(5x + 12)$ to $(4x + 15)$ is:

Ans 1. 7 : 4

2. 4 : 3

3. 14 : 13

4. 7 : 5

Question ID : 81616114076

Status : Not Answered

Chosen Option : -

- Q.8** To do a certain work, efficiencies of A and B are in the ratio 7 : 5. Working together, they can complete the work in $17\frac{1}{2}$ days. In how many days, will B alone complete 50% of the same work?

- Ans 1. 42
 2. 21
 3. 15
 4. 30

Question ID : 81616113674

Status : Answered

Chosen Option : 2

- Q.9** At what rate percent per annum will ₹7200 amount to ₹7938 in one year, if interest is compounded half yearly?

- Ans 1. 5
 2. 8
 3. 12
 4. 10

Question ID : 81616113673

Status : Answered

Chosen Option : 3

- Q.10** 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
B	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 D and F in 2014 is what percent of the total number of students enrolled in institutes A, B and C in 2018? (correct to one decimal point)

- Ans 1. 43.2
 2. 42.8
 3. 43.8
 4. 44.6

Question ID : 81616113993

Status : Answered

Chosen Option : 4

Q.11 If $(x+6)^3 + (2x+3)^3 + (3x+5)^3 = (3x+18)(2x+3)(3x+5)$, then what is the value of x ?

Ans

1. $-\frac{5}{3}$

2. $\frac{5}{3}$

3. $-\frac{7}{3}$

4. $\frac{7}{3}$

Question ID : 81616113475

Status : Answered

Chosen Option : 3

Q.12 In triangle ABC, D and E are the mid points of AB and BC respectively. If area($\triangle CED$) = 8 cm², then what is the area($\triangle ADEC$) in cm² ?

Ans

1. 24

2. 21

3. 32

4. 16

Question ID : 81616112370

Status : Marked For Review

Chosen Option : 1

Q.13 Radha bought a fridge and a washing machine together for ₹57300. She sold the fridge at a profit of 15% and washing machine at a loss of 24% and both are sold at the same price. The cost price of washing machine (in ₹) is:

Ans

1. 28650

2. 34500

3. 24500

4. 22800

Question ID : 81616113469

Status : Not Answered

Chosen Option : –

Q.14 If $x^4 + x^2y^2 + y^4 = 21$ and $x^2 + xy + y^2 = 3$, then what is the value of $(-xy)$?

Ans

1. -1

2. 2

3. 1

4. -2

Question ID : 81616113679

Status : Answered

Chosen Option : 4

Q.15 The average weight of students of section A and B having 40 students each is 45.5 kg and 44.2 kg respectively. Two students of section A having average weight 48.75 kg were shifted to section B and 2 students of section B were shifted to section A, making the average weight of both the sections equal. What is the average weight (in kg) of the students who were shifted from section B to section A?

- Ans 1. 35.75
 2. 34.25
 3. 34.5
 4. 35

Question ID : 81616112355

Status : Not Answered

Chosen Option : –

Q.16 A car can cover a distance of 144 km in 1.8 hours. In what time (in hours) will it cover double the distance when its speed is increased by 20%?

- Ans 1. 3
 2. 2.5
 3. 2
 4. 3.2

Question ID : 81616114079

Status : Answered

Chosen Option : 1

Q.17 In $\triangle ABC$, D is a point on BC such that $\angle BAD = \frac{1}{2} \angle ADC$ and $\angle BAC = 77^\circ$ and $\angle C = 45^\circ$. What is the measure of $\angle ADB$?

- Ans 1. 77°
 2. 64°
 3. 58°
 4. 45°

Question ID : 81616113480

Status : Answered

Chosen Option : 3

Q.18 A square has the perimeter equal to the circumference of a circle having radius 7 cm. What is the ratio of the area of the circle to area of the square?

(Use $\pi = \frac{22}{7}$)

- Ans 1. 121 : 44
 2. 7 : 2
 3. 14 : 11
 4. 7 : 11

Question ID : 81616112363

Status : Answered

Chosen Option : 3

Q.19

If $x + \frac{1}{x} = 2\sqrt{5}$, then what is the value of $\frac{(x^4 + \frac{1}{x^2})}{x^2 + 1}$?

- Ans 1. 14
 2. 17
 3. 20
 4. 23

Question ID : 81616114082

Status : Answered

Chosen Option : 2

Q.20

The value of $423 \div [270 \div \frac{3}{7} \times 35 + (17 \div \frac{1}{3}) - (8\frac{1}{2} - \frac{5}{2})]$ is:

- Ans 1. $\frac{51}{2455}$
 2. $\frac{47}{2455}$
 3. $\frac{43}{2455}$
 4. $\frac{41}{2455}$

Question ID : 81616113465

Status : Answered

Chosen Option : 2

Q.21

The cost price of an article is ₹250. A shopkeeper gains 20% by selling it at a discount of 36% on its marked price. What is the marked price (in ₹) of the article?

- Ans 1. 450
 2. 380.50
 3. 475
 4. 468.75

Question ID : 81616114073

Status : Answered

Chosen Option : 4

Q.22

If $0^\circ < \theta < 90^\circ$, $\sqrt{\frac{\sec^2 \theta + \operatorname{cosec}^2 \theta}{\tan^2 \theta - \sin^2 \theta}}$ is equal to:

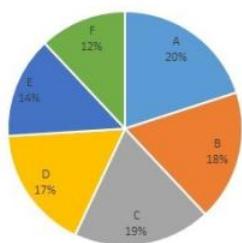
- Ans 1. $\sec^3 \theta$
 2. $\operatorname{cosec}^3 \theta$
 3. $\sin^2 \theta$
 4. $\sec^2 \theta$

Question ID : 81616113888

Status : Marked For Review

Chosen Option : 2

- Q.23** The following Pie chart represents the percentage-wise distribution of 800 students of class XII in a school in six different sections A, B, C, D, E and F.



The table given below shows the number of girls of class XII in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of girls	102	80	104	98	0	60

The total number of girls in sections B, C and D together is what percent more than the total number of boys in sections A, B and D together?

- Ans 1. 50
 2. 76.25
 3. 65.75
 4. 80

Question ID : 81616113184

Status : Not Answered

Chosen Option : –

- Q.24** $(\operatorname{cosec}A - \cot A)(1 + \cos A) = ?$

- Ans 1. $\cos A$
 2. $\sin A$
 3. $\cot A$
 4. $\operatorname{cosec} A$

Question ID : 81616112272

Status : Answered

Chosen Option : 2

- Q.25** If the six-digit number $5z3x4y$ is divisible by 7, 11 and 13, then what is the value of $(x + y - z)$?

- Ans 1. 3
 2. 6
 3. 5
 4. 4

Question ID : 81616113666

Status : Not Answered

Chosen Option : –

Section : English Comprehension

Q.1 Select the most appropriate meaning of the following idiom.

To be light years away

Ans 1. To be too distant for human beings to reach

2. An extremely long time from now in the past or future

3. When something seems like it is about to happen in the near future

4. An unlikely event that happened suddenly

Question ID : 81616114114

Status : Answered

Chosen Option : 1

Q.2 Select the most appropriate synonym of the given word.

Ponder

Ans 1. Terminate

2. Celebrate

3. Agitate

4. Meditate

Question ID : 81616112393

Status : Answered

Chosen Option : 4

Q.3 Select the most appropriate synonym of the given word.

Bang

Ans 1. Ride

2. Beat

3. Rang

4. Sang

Question ID : 81616112392

Status : Answered

Chosen Option : 3

Q.4 Select the option that expresses the given sentence in passive voice.

The spider on the wall frightened Jiya.

Ans 1. The spider on the wall was frightened by Jiya.

2. Jiya was frightened by the spider on the wall.

3. Jiya had been frightened of the spider on the wall.

4. Jiya has been frightened by the spider on the wall.

Question ID : 81616113693

Status : Answered

Chosen Option : 2

Q.5 Select the INCORRECTLY spelt word.

- Ans 1. Priority
 2. Detective
 3. Evidence
 4. Vacine

Question ID : 81616113511

Status : Answered

Chosen Option : 4

Q.6 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. A fox, hearing the cock and thinking to make a meal of him, came and stood under the tree.
B. As the night passed away and the day dawned, the cock, according to his custom, set up a shrill crowing.
C. A dog and a cock having struck up an acquaintance went out on their travels together.
D. Nightfall found them in a forest, so the cock, flying up on a tree, perched among the branches, while the dog dozed below at the foot.

- Ans 1. CDBA
 2. DCAB
 3. CABD
 4. BCDA

Question ID : 81616113501

Status : Answered

Chosen Option : 3

Q.7 Select the most appropriate option to fill in the blank.

Can you _____ between these two shades of green?

- Ans 1. detect
 2. divert
 3. distract
 4. distinguish

Question ID : 81616113715

Status : Answered

Chosen Option : 4

Q.8 Select the most appropriate meaning of the following idiom.

A fish out of water

- Ans 1. Feel uncomfortable in unfamiliar surroundings
 2. Feel as if you are unable to breathe
 3. Feel like going to an unfamiliar and new place
 4. Feel comfortable in any kind of place

Question ID : 81616114113

Status : Answered

Chosen Option : 1

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The warden punished the students who violates the rules of the hostel.

- Ans 1. who is violating
 2. who violated
 3. who are violate
 4. No substitution

Question ID : 81616113695

Status : Answered

Chosen Option : 3

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

A person who entertains people by doing difficult feats

- Ans 1. Astronaut
 2. Performer comedian
 3. Acrobat
 4. Cosmonaut

Question ID : 81616113711

Status : Answered

Chosen Option : 3

Q.11 Select the option that expresses the given sentence in indirect speech.

"Alas, I have broken my brother's watch!" said he.

- Ans 1. He exclaimed with sorrow I have broken my brother's watch.
 2. He exclaimed with sorrow that he had broken his brother's watch.
 3. He exclaimed with sorrow that he may have broken his brother's watch.
 4. He exclaimed with sorrow that he has broken his brother's watch.

Question ID : 81616112381

Status : Answered

Chosen Option : 2

Q.12 Select the most appropriate ANTONYM of the given word.

Expunge

- Ans 1. Draw
 2. Wipe
 3. Omit
 4. Add

Question ID : 81616114112

Status : Not Answered

Chosen Option : –

Q.13 Select the most appropriate option to fill in the blank.

If you _____ to newsgroups, you often get hundreds of messages.

- Ans 1. subscribe
 2. describe
 3. practice
 4. offend

Question ID : 81616112403

Status : Answered

Chosen Option : 1

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

A secret or disguised way of writing

- Ans 1. Emblem
 2. Symbol
 3. Cypher
 4. Puzzle

Question ID : 81616113712

Status : Answered

Chosen Option : 3

Q.15 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 concept became / too much clear to me / after my tutor / showed me the diagram.

- Ans 1. showed me the diagram
 2. The concept became
 3. after my tutor
 4. too much clear to me

Question ID : 81616113692

Status : Answered

Chosen Option : 4

Q.16 Select the most appropriate ANTONYM of the given word.

Obese

- Ans 1. Large
 2. Stout
 3. Slim
 4. Greasy

Question ID : 81616113505

Status : Answered

Chosen Option : 3

Q.17 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. Though they had never ever heard Subha utter their names, they unfailingly recognized her footsteps as she came into their shed.
- B. They even understood the precious moments between them as she loved and cuddled them, scolded them, and pleaded to them.
- C. Subha did really have a close circle of friends and companions; they were Sarbasi and Panguli, the two cows living in their cow-shed.
- D. They understood the silent, melancholy tune of her unspoken words during those moments, and the intensity of her expressions more easily than the spoken language of other humans.

Ans 1. CBDA
 2. CADB
 3. ADBC
 4. DABC

Question ID : 81616114108
Status : Answered
Chosen Option : 1

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The minister, along with his team members, is expected to arrive shortly.

Ans 1. No substitution
 2. are expected to arrive
 3. are expect to arrive
 4. are being expected to arrive

Question ID : 81616112383
Status : Answered
Chosen Option : 1

Q.19 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.

Mr. Rao asked the newcomer / to his office / if he will minded / working late that day.

Ans 1. to his office
 2. working late that day
 3. Mr. Rao asked the newcomer
 4. if he will minded

Question ID : 81616114095
Status : Answered
Chosen Option : 4

Q.20 Select the INCORRECTLY spelt word.

- Ans 1. Innovation
 2. Barricade
 3. Preshious
 4. Infection

Question ID : 81616113512

Status : Answered

Chosen Option : 3

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.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans 1. been
 2. has been
 3. had be
 4. have been

Question ID : 81616113496

Status : Answered

Chosen Option : 2

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.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 22

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

- Ans 1. In
 2. Above
 3. For
 4. At

Question ID : 81616113497

Status : Answered

Chosen Option : 1

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.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 23

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

- Ans 1. from
 2. at
 3. as
 4. by

Question ID : 81616113498

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.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 24

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

- Ans 1. way
 2. direction
 3. highway
 4. route

Question ID : 81616113499

Status : Answered

Chosen Option : 1

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.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans 1. in

2. above

3. over

4. on

Question ID : **81616113500**

Status : **Answered**

Chosen Option : **1**

Combined Graduate Level Examination 2020 Tier-I

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Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 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.

- Ans 1. 12 : 288
 2. 19 : 622
 3. 14 : 392
 4. 11 : 242

Question ID : 81616113831

Status : Answered

Chosen Option : 2

Q.2 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



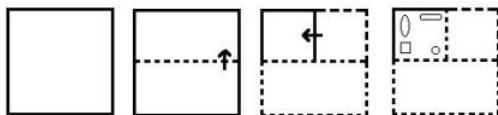
- Ans 1. **Ǝ ㄥ ㄥ ㄥ ㄥ Ǝ Ǝ Ǝ**
 2. **Ǝ ㄥ ㄥ ㄥ ㄥ Ǝ Ǝ Ǝ**
 3. **Ǝ ㄥ ㄥ ㄥ ㄥ Ǝ Ǝ Ǝ**
 4. **Ǝ ㄥ ㄥ ㄥ ㄥ Ǝ Ǝ Ǝ**

Question ID : 81616113739

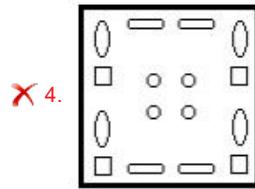
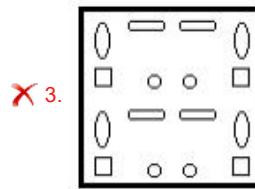
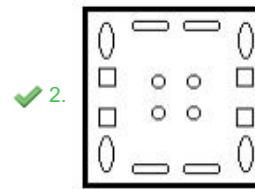
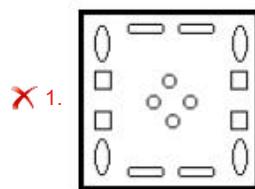
Status : Answered

Chosen Option : 2

- Q.3** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 81616113740

Status : Answered

Chosen Option : 2

- Q.4** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(44, 24, 132)

- Ans **X** 1. (46, 22, 306)
✓ 2. (56, 26, 182)
X 3. (16, 26, 186)
X 4. (32, 28, 250)

Question ID : 81616113833

Status : Not Answered

Chosen Option : --

- Q.5** If 19 July 2000 was a Wednesday, then what would be the day of the week on 15 June 2012?

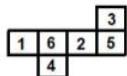
- Ans **X** 1. Wednesday
✓ 2. Friday
X 3. Thursday
X 4. Saturday

Question ID : 81616113734

Status : Not Answered

Chosen Option : --

- Q.6** A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers would be opposite to each other?



- Ans 1. 1 and 6
 2. 4 and 5
 3. 3 and 4
 4. 6 and 3

Question ID : 81616113838

Status : Answered

Chosen Option : 3

- Q.7** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Cardinal
2. Cartography
3. Cardiac
4. Carrot
5. Callous
6. Careless

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

Question ID : 81616114122

Status : Answered

Chosen Option : 3

- Q.8** Select the option in which the words share the same relationship as that shared by the given pair of words.

Pedology : Soil

- Ans 1. Hepatology : Blood
 2. Pomology : Fruits
 3. Seismology : Pressure
 4. Cytology : Metabolism

Question ID : 81616113722

Status : Answered

Chosen Option : 1

- Q.9** 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. Excited
 2. Nostalgic
 3. Energised
 4. Timid

Question ID : 81616113821

Status : Answered

Chosen Option : 4

Q.10 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

YTUQ, XVRU, ?, VZLC, UBIG

Ans 1. WXPY

2. WXYO

3. WYOX

4. WYOY

Question ID : 81616113717

Status : Answered

Chosen Option : 2

Q.11 How many triangles are there in the given figure?



Ans 1. 10

2. 12

3. 9

4. 11

Question ID : 81616113837

Status : Answered

Chosen Option : 1

Q.12 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:

No door is a window.

No rack is a door.

All cupboards are windows.

Conclusions:

I. Some cupboards are racks.

II. No cupboard is a door.

III. No rack is a window.

Ans 1. Only conclusion II follows

2. Only conclusions I and III follow

3. Only conclusion I follows

4. None of the conclusions follow

Question ID : 81616113828

Status : Answered

Chosen Option : 1

Q.13 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.

$$485 : 25 :: ? : 21 :: 401 : 23$$

- Ans 1. 246
 2. 325
 3. 346
 4. 225

Question ID : 81616113830

Status : Not Answered

Chosen Option : --

Q.14 In a certain code language, 'PRINTER' is coded as '11181814759' and 'LOGIC' is coded as '151520924'. How will 'TERMITE' be coded in that language?

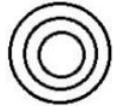
- Ans 1. 7591418205
 2. 75181392022
 3. 75913182022
 4. 2059131875

Question ID : 81616113825

Status : Answered

Chosen Option : 3

Q.15 Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.



- Ans 1. Literates, Girls, Females
 2. Fathers, Males, Sons
 3. Boys, Artists, Brothers
 4. Bats, Humans, Mammals

Question ID : 81616113842

Status : Answered

Chosen Option : 2

Q.16 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$14 * 7 * 39 * 133 * 19 * 130$$

- Ans 1. +, -, +, x, =
 2. x, -, +, +, =
 3. x, +, -, +, =
 4. +, +, -, x, =

Question ID : 81616113834

Status : Answered

Chosen Option : 3

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.

18, 29, 42, 59, 78, 101, ?

- Ans 1. 125
 2. 137
 3. 130
 4. 121

Question ID : 81616114132

Status : Answered

Chosen Option : 3

Q.18 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

J P _ L D _ P _ M D J _ C _ D _ P C _ D

- Ans 1. C, J, N, P, O, J, O
 2. C, J, C, P, O, J, P
 3. C, J, C, P, N, P, O
 4. C, J, C, P, N, J, O

Question ID : 81616113725

Status : Answered

Chosen Option : 4

Q.19 Select the option that is embedded in the given figure (rotation is NOT allowed).



- Ans 1. 
 2. 
 3. 
 4. 

Question ID : 81616113738

Status : Answered

Chosen Option : 2

Q.20 'A # B' means 'A is the brother of B'.

'A @ B' means 'A is the daughter of B'.

'A & B' means 'A is the husband of B'.

'A % B' means 'A is the wife of B'.

If 'W # Q @ T & Y @ M % K', then how is K related to T?

- Ans 1. Father
 2. Father-in-law
 3. Mother-in-law
 4. Mother

Question ID : 81616113726

Status : Answered

Chosen Option : 2

Q.21 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(47, 64, 55)

- Ans 1. (36, 100, 47)
 2. (28, 25, 34)
 3. (46, 49, 53)
 4. (56, 80, 64)

Question ID : 81616113832

Status : Answered

Chosen Option : 3

Q.22 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans 1. LOUC
 2. TXDL
 3. BFLT
 4. LPVD

Question ID : 81616114123

Status : Answered

Chosen Option : 1

Q.23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Coerce : Persuade :: Angry : ?

- Ans 1. Furious
 2. Damaging
 3. Intimidate
 4. Dangerous

Question ID : 81616114125

Status : Answered

Chosen Option : 1

Q.24 In a certain code language, 'DARK' is written as 'CBQJ' and 'SOUND' is written as 'RPVMC'. How will 'TOXIC' be written in that language?

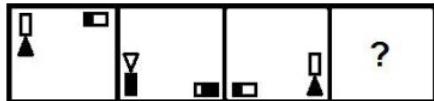
- Ans 1. SPWJB
 2. UPYJD
 3. SNWHB
 4. PUYJD

Question ID : 81616113824

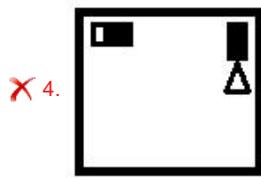
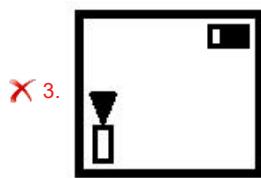
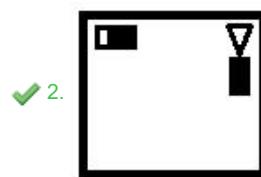
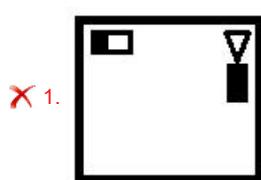
Status : Answered

Chosen Option : 1

Q.25 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 81616114139

Status : Answered

Chosen Option : 2

Section : General Awareness

Q.1 Which of the following is a flightless bird?

Ans X 1. Hen

X 2. Peacock

✓ 3. Kiwi

X 4. Crane

Question ID : 81616114151

Status : Answered

Chosen Option : 1

Q.2 The liver is affected; and skin and eyes turn yellow due to the deposit of bile pigments.

Which of the following digestive disorders is described here?

Ans X 1. Constipation

X 2. Vomiting

✓ 3. Jaundice

X 4. Diarrhoea

Question ID : 81616113750

Status : Answered

Chosen Option : 3

Q.3 The lowest temperature at which a substance catches fire is called its:

- Ans 1. melting point
 2. boiling point
 3. normal temperature
 4. ignition temperature

Question ID : 81616113847

Status : **Marked For Review**

Chosen Option : 2

Q.4 Through which amendment was the Tenth Schedule added to the Constitution of India?

- Ans 1. 52nd
 2. 42nd
 3. 43rd
 4. 53rd

Question ID : 81616113761

Status : **Not Answered**

Chosen Option : --

Q.5 Who among the following issued Mahzarnama in 1579?

- Ans 1. Shah Jahan
 2. Akbar
 3. Humayun
 4. Jahangir

Question ID : 81616113855

Status : **Answered**

Chosen Option : 3

Q.6 Which of the following waterfalls is located in Madhya Pradesh?

- Ans 1. Shivasamudram
 2. Dhuandhar
 3. Dudhsagar
 4. Khandadhar

Question ID : 81616113852

Status : **Answered**

Chosen Option : 2

Q.7 Who among the following hit the winning runs for India against Australia at the Brisbane Test of January 2021?

- Ans 1. Washington Sundar
 2. Shardul Thakur
 3. Rishabh Pant
 4. Mohammad Siraj

Question ID : 81616114166

Status : **Answered**

Chosen Option : 3

Q.8 The Battle of Khanua was fought between Babur and _____.

- Ans 1. Rana Sanga
 2. Todar Mal
 3. Sher Shah Suri
 4. Hemu

Question ID : 81616113858

Status : Answered

Chosen Option : 4

Q.9 How many oxygen atoms are present in a molecule of potassium permanganate?

- Ans 1. One
 2. Four
 3. Three
 4. Two

Question ID : 81616113850

Status : Answered

Chosen Option : 2

Q.10 _____ is one of the most popular folk dances of Odisha.

- Ans 1. Hojagiri
 2. Giddha
 3. Rauf
 4. Dalkhai

Question ID : 81616113844

Status : Answered

Chosen Option : 1

Q.11 Which of the following is located in Gujarat?

- Ans 1. Alai Darwaza
 2. Rani-ki-Vav
 3. Humayun Tomb
 4. Bibi Ka Maqbara

Question ID : 81616113843

Status : Answered

Chosen Option : 2

Q.12 India's first seaplane service, that was launched in November 2020, operates between Kevadiya and _____.

- Ans 1. Surat
 2. Vadodara
 3. Rajkot
 4. Ahmedabad

Question ID : 81616114170

Status : Answered

Chosen Option : 4

Q.13 With which sports do you associate the name Prasanta Dora, who passed away at the age of 44 in January 2021?

- Ans 1. Wrestling
 2. Football
 3. Volleyball
 4. Cycling

Question ID : 81616113864

Status : Not Answered

Chosen Option : --

Q.14 The name 'QSRAM' was in the news in November 2020. What is QSRAM?

- Ans 1. Anti-tank weapon system
 2. Indigenously designed torpedoes
 3. Short range surface-to-air missile system
 4. Inter-continental ballistic missile system

Question ID : 81616113765

Status : Answered

Chosen Option : 3

Q.15 Which of the following was NOT a part of Gondwanaland?

- Ans 1. Australia
 2. India
 3. North America
 4. South America

Question ID : 81616114157

Status : Answered

Chosen Option : 3

Q.16 The Indian Mutiny began from Meerut on 10 May 1857 and ended in:

- Ans 1. Gwalior on 20 June 1858
 2. Jhansi on 15 August 1860
 3. Delhi on 18 September 1859
 4. Kolkata on 13 May 1858

Question ID : 81616113756

Status : Not Answered

Chosen Option : --

Q.17 Who is the author of the book 'Ethical Religion'?

- Ans 1. Bipan Chandra
 2. Swami Vivekananda
 3. Vinoba Bhave
 4. Mahatma Gandhi

Question ID : 81616114162

Status : Not Answered

Chosen Option : --

Q.18 Which of the following body parts behaves like a stretched rubber sheet?

- Ans 1. Tongue
 2. Nostril
 3. Eye lens
 4. Eardrum

Question ID : 81616113849

Status : Not Answered

Chosen Option : --

Q.19 The rupee symbol, which was introduced in India in 2010, is an amalgamation of the Devanagari 'Ra' and the _____ 'R' without the stem.

- Ans 1. Brahmi
 2. Roman
 3. Ol Chiki
 4. Cyrillic

Question ID : 81616113846

Status : Answered

Chosen Option : 2

Q.20 The initiative of jail tourism, a first of its kind, was launched in January 2021 in the state of _____.

- Ans 1. Maharashtra
 2. Chhattisgarh
 3. Uttar Pradesh
 4. Andhra Pradesh

Question ID : 81616114168

Status : Answered

Chosen Option : 1

Q.21 Gautamiputra Satakarni was a _____ ruler.

- Ans 1. Mauryan
 2. Eastern Ganga
 3. Satavahana
 4. Parthian

Question ID : 81616113856

Status : Not Answered

Chosen Option : --

Q.22 Which of the following is NOT a traditional water storage structure?

- Ans 1. Johad
 2. Haryali
 3. Kund
 4. Tanka

Question ID : 81616113752

Status : Not Answered

Chosen Option : --

Q.23 Who among the following appoints the Speaker 'Pro tem' of the Lok Sabha?

Ans 1. President

- 2. Chief Election Commissioner
- 3. Chief Justice of Supreme Court
- 4. Prime Minister

Question ID : 81616113861

Status : Answered

Chosen Option : 1

Q.24 What are the two variables whose relationship is given by the environmental Kuznets curve?

Ans 1. Inequality and tax revenue

- 2. Inequality and per capita income
- 3. Environmental degradation and tax revenue
- 4. Environmental degradation and per capita income

Question ID : 81616113744

Status : Not Answered

Chosen Option : --

Q.25 Who among the following earned the sobriquet 'Bharat Kokila' from Mahatma Gandhi?

Ans 1. Annie Besant

- 2. Sucheta Kriplani
- 3. Sarojini Naidu
- 4. Toru Dutt

Question ID : 81616113759

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 $\triangle ABC$ is an equilateral triangle with side 18 cm. D is a point on BC such that $BD = \frac{1}{3}BC$. Then length (in cm) of AD is:

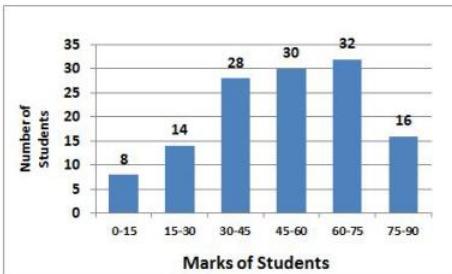
Ans 1. $6\sqrt{7}$
 2. $8\sqrt{3}$
 3. $7\sqrt{6}$
 4. $6\sqrt{3}$

Question ID : 81616113784

Status : Not Answered

Chosen Option : --

- Q.2** The given histogram represents the marks obtained by 128 students. Read the graph and answer the question that follows.



What percent of students got marks less than 60?

- Ans 1. 67.5%
 2. 72.5%
 3. 75%
 4. 62.5%

Question ID : 81616113081

Status : Answered

Chosen Option : 4

- Q.3** If the 9-digit number $89x64287y$ is divisible by 72, then what is the value of $(3x + 2y)$?

- Ans 1. 28
 2. 30
 3. 25
 4. 31

Question ID : 81616113868

Status : Answered

Chosen Option : 3

- Q.4** There are some children in a camp and their average weight is 40 kg. If 5 children with average weight 36 kg join the camp or if 5 children with average weight 43.2 kg leave the camp, the average weight of children in both cases is equal. How many children are there in the camp, initially?

- Ans 1. 45
 2. 50
 3. 40
 4. 35

Question ID : 81616113769

Status : Not Answered

Chosen Option : --

- Q.5** Lucky spends 85% of her income. If her expenditure increases by $x\%$, savings increase by 60% and income increases by 26%, then what is the value of x ?

- Ans 1. 34
 2. 30
 3. 20
 4. 26

Question ID : 81616113872

Status : Not Answered

Chosen Option : --

Q.6 A person borrowed a sum of ₹30800 at 10% p.a. for 3 years, interest compounded annually. At the end of two years, he paid a sum of ₹13268. At the end of 3rd year, he paid ₹ x to clear of the debt. What is the value of x ?

- Ans 1. 26400
 2. 26510
 3. 26200
 4. 26620

Question ID : 81616113875

Status : Not Answered

Chosen Option : --

Q.7 If $9(a^2 + b^2) + c^2 + 20 = 12(a + 2b)$, then the value of $\sqrt{6a + 9b + 2c}$ is :

- Ans 1. 4
 2. 3
 3. 6
 4. 2

Question ID : 81616113880

Status : Not Answered

Chosen Option : --

Q.8 The marked price of an article is ₹180. Renu sells it after 20% discount on its marked price and still gains 25%. The cost price (in ₹) of the article is :

- Ans 1. 120.80
 2. 110.80
 3. 115.20
 4. 125.50

Question ID : 81616113871

Status : Answered

Chosen Option : 3

Q.9 If $\frac{1}{1-\sin \theta} + \frac{1}{1+\sin \theta} = 4 \sec \theta$, $0^\circ < \theta < 90^\circ$, then the value of $\cot \theta + \operatorname{cosec} \theta$ is :

- Ans 1. $\frac{4\sqrt{3}}{3}$
 2. $\sqrt{3}$
 3. $\frac{5\sqrt{3}}{3}$
 4. $3\sqrt{3}$

Question ID : 81616113886

Status : Answered

Chosen Option : 2

Q.10 The bisector of $\angle A$ in $\triangle ABC$ meets side BC at D. If AB = 12 cm, AC = 15 cm and BC = 18 cm, then the length of DC is:

- Ans 1. 9 cm
 2. 6 cm
 3. 8 cm
 4. 10 cm

Question ID : 81616114187

Status : Answered

Chosen Option : 4

Q.11 The perimeter of a circular lawn is 1232 m. There is 7 m wide path around the lawn. The area (in m^2) of the path is:

(Take $\pi = \frac{22}{7}$)

- Ans 1. 8778
 2. 8558
 3. 8800
 4. 8756

Question ID : 81616113777

Status : Answered

Chosen Option : 3

Q.12 Triangles ABC and DBC are right angled triangles with common hypotenuse BC. BD and AC intersect at P when produced. If PA = 8 cm, PC = 4 cm and PD = 3.2 cm, then the length of BD, in cm, is:

- Ans 1. 5.6
 2. 6.8
 3. 7.2
 4. 6.4

Question ID : 81616113883

Status : Not Answered

Chosen Option : --

Q.13 Find the value of $\operatorname{cosec}(60^\circ + A) - \sec(30^\circ - A) + \frac{\operatorname{cosec} 49^\circ}{\sec 41^\circ}$.

- Ans 1.
 2. 0
 3. -1
 4. 2

Question ID : 81616112979

Status : Answered

Chosen Option : 1

Q.14 The value of $54 \div 16$ of $3 \times [12 \div 4$ of $\{6 \times 3 \div (11 - 2)\}] \div (12 \div 8 \times 2)$ is:

- Ans 1. $\frac{3}{4}$
2. $\frac{9}{8}$
3. $\frac{3}{8}$
4. $\frac{9}{16}$

Question ID : 81616114172

Status : Answered

Chosen Option : 4

Q.15 Study the following table and answer the question:

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

Year \ Institute	2013	2014	2015	2016	2017	2018
Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

What is the sum of the average number of students enrolled for VC in institute B in 2014, 2015 and 2017 and the average number of students enrolled in institute E in 2013 and 2018?

- Ans 1. 250
2. 265
3. 260
4. 255

Question ID : 81616114092

Status : Answered

Chosen Option : 3

Q.16 Study the following table and answer the question:

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

Year \ Institute	2013	2014	2015	2016	2017	2018
Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The total number of students enrolled for VC in institutes A, B and D in 2015 is what percent more than the total number of students enrolled in institutes C and E in 2018? (correct to one decimal point)

- Ans 1. 28.2
2. 36.8
3. 35.7
4. 39.3

Question ID : 81616114094

Status : Answered

Chosen Option : 4

Q.17 A train running at 48 km/h crosses a man going with the speed of 12 km/h, in the same direction, in 18 seconds and passes a woman coming from the opposite direction in 12 seconds. The speed (in km/h) of the woman is :

- Ans 1. 6
 2. 8
 3. 9
 4. 10

Question ID : **81616113877**

Status : **Answered**

Chosen Option : **1**

Q.18 ABCD is a cyclic quadrilateral in which $\angle A = x^\circ$, $\angle B = 5y^\circ$, $\angle C = 2x^\circ$ and $\angle D = y^\circ$. What is the value of $(3x - y)$?

- Ans 1. 120
 2. 90
 3. 150
 4. 60

Question ID : **81616113781**

Status : **Answered**

Chosen Option : **3**

Q.19 To do a certain work, the ratio of efficiencies of X and Y is 5 : 7. Working together, X and Y can complete the same work in 70 days. X alone started the work and left after 42 days. Y alone will complete the remaining work in:

- Ans 1. 90 days
 2. 72 days
 3. 96 days
 4. 80 days

Question ID : **81616113876**

Status : **Answered**

Chosen Option : **1**

Q.20 If $x + y + z = 2$, $x^3 + y^3 + z^3 - 3xyz = 74$, then $(x^2 + y^2 + z^2)$ is equal to :

- Ans 1. 24
 2. 26
 3. 29
 4. 22

Question ID : **81616113881**

Status : **Answered**

Chosen Option : **2**

Q.21 A dealer bought some toys for ₹1800. He sold 40% of these at a loss of 15% and $33\frac{1}{3}\%$ of the remaining toys at 20% profit. At what percent profit should he sell the remaining toys to earn an overall profit of 10%?

- Ans 1. 20%
 2. 25%
 3. 30%
 4. 24%

Question ID : 81616114176

Status : Not Answered

Chosen Option : --

Q.22 If $\sin \alpha + \sin \beta = \cos \alpha + \cos \beta = 1$, then $\sin \alpha + \cos \alpha = ?$

- Ans 1. -1
 2. 0
 3. 1
 4. 2

Question ID : 81616114291

Status : Not Answered

Chosen Option : --

Q.23 If $(2x + y)^3 - (x - 2y)^3 = (x + 3y)[Ax^2 + By^2 + Cxy]$, then what is the value of $(A + 2B + C)$?

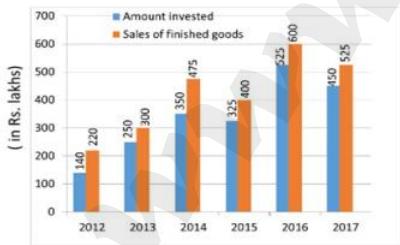
- Ans 1. 13
 2. 14
 3. 7
 4. 10

Question ID : 81616114182

Status : Not Answered

Chosen Option : --

Q.24 The following bar graph shows the amount (in Lakh Rs.) invested by a Company in purchasing raw material over the years and the values (in Lakh Rs.) of finished goods sold by the Company over the years.



The ratio of total amount invested for purchasing raw material from 2013 to 2015 to the total sales of finished goods in 2014, 2016 and 2017 is :

- Ans 1. 27 : 56
 2. 56 : 27
 3. 64 : 37
 4. 37 : 64

Question ID : 81616113083

Status : Not Answered

Chosen Option : --

Q.25 When x is subtracted from each of the numbers 54, 49, 22 and 21, the numbers so obtained are in proportion. The ratio of $(8x - 25)$ to $(7x - 26)$ is:

- Ans 1. 5 : 4
 2. 27 : 26
 3. 29 : 24
 4. 15 : 13

Question ID : 81616113874

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 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. The mouse, however, reached his hole in safety.
 B. A bull was bitten by a mouse, and, pained by the wound, tried to capture him.
 C. The mouse, peeping out, crept up his flank and, again biting him, retreated to his hole.
 D. The bull dug into the walls with his horns until, wearied, he crouched down and slept by the hole.

- Ans 1. BCDA
 2. BADC
 3. ADBC
 4. DACB

Question ID : 81616114208

Status : Answered

Chosen Option : 2

Q.2 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Sameer gave very less information to Muneer about the progress of the work.

- Ans 1. gave very less informations
 2. No substitution
 3. give very less information
 4. gave very little information

Question ID : 81616113897

Status : Answered

Chosen Option : 4

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

It is said that civilised man has _____ about twenty wild animals.

- Ans 1. tamed
 2. stunned
 3. staggered
 4. amazed

Question ID : 81616113917

Status : Not Answered

Chosen Option : --

Q.4 Select the INCORRECTLY spelt word.

- Ans 1. Deceive
 2. Review
 3. Receipt
 4. Perceive

Question ID : 81616114218

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate meaning of the given idiom.

On edge

- Ans 1. Keeping things safely
 2. Doing exercises regularly
 3. Playing a tiring game
 4. Nervous and unable to relax

Question ID : 81616113912

Status : Answered

Chosen Option : 4

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

An incongruous or chaotic mixture

- Ans 1. Harmony
 2. Cacophony
 3. Discord
 4. Melody

Question ID : 81616113914

Status : Answered

Chosen Option : 2

Q.7 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Many artisans were almost without any work during the pandemic.

- Ans 1. any without almost
 2. without any almost
 3. No substitution
 4. almost any without

Question ID : 81616113797

Status : Answered

Chosen Option : 3

Q.8 Select the most appropriate ANTONYM of the given word.

Ramify

- Ans 1. Divide
 2. Insulate
 3. Unite
 4. Isolate

Question ID : 81616113910

Status : Answered

Chosen Option : 1

Q.9 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. It is essential for the marketer to study the behaviour of the consumers in order to make better strategic marketing decisions.
B. The study of consumer behaviour is equally important for the non-profit organisations such as governmental agencies, hospitals, NGOs, charitable organisations.
C. Thus, by studying the consumer behaviour before and during purchase helps in production scheduling, designing, pricing, positioning, segmentation, advertising and other promotional activities.
D. If the marketer has complete knowledge about the consumer's likings or disliking, then he can predict the response of the potential customers towards his offerings.

- Ans 1. CDBA
 2. BCAD
 3. ADCB
 4. ACBD

Question ID : 81616113906

Status : Answered

Chosen Option : 2

Q.10 Select the most appropriate synonym of the given word.

Shimmer

- Ans 1. Shine
 2. Shiver
 3. Quake
 4. Shake

Question ID : 81616113806

Status : Answered

Chosen Option : 1

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A family of young birds

- Ans 1. Kids
 2. Litter
 3. Offspring
 4. Brood

Question ID : 81616113913

Status : Answered

Chosen Option : 4

Q.12 Select the most appropriate ANTONYM of the given word.

Impoverished

- Ans 1. Unlucky
 2. Rich
 3. deprived
 4. Needy

Question ID : 81616114212

Status : Answered

Chosen Option : 2

Q.13 Select the INCORRECTLY spelt word.

- Ans 1. Impeccable
 2. Incandescent
 3. Impervious
 4. Inconclusive

Question ID : 81616114219

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate synonym of the given word.

Uncanny

- Ans 1. Mysterious
 2. Unprotected
 3. Exposed
 4. Plain

Question ID : 81616113807

Status : Answered

Chosen Option : 3

Q.15 Select the option that expresses the given sentence in passive voice.

The armed forces put up an impressive parade on Republic Day.

- Ans 1. An impressive parade have been put up by the armed forces on Republic Day.
 2. An impressive parade is putting up by the armed forces on Republic Day.
 3. An impressive parade was being put up on Republic Day by the armed forces.
 4. An impressive parade was put up by the armed forces on Republic Day.

Question ID : 81616113895

Status : Answered

Chosen Option : 4

Q.16 Select the option that expresses the given sentence in indirect speech.

Kruti asked Gopal, "Have you heard the news about the inauguration of the new bridge?"

- Ans 1. Kruti asked Gopal if you have hear the news about the inauguration of the new bridge.
2. Kruti asked to Gopal you have heard the news about the inauguration of the new bridge.
3. Kruti asked Gopal if they have heard the news about the inauguration of the new bridge.
4. Kruti asked Gopal if he had heard the news about the inauguration of the new bridge.

Question ID : 81616113795

Status : Answered

Chosen Option : 4

Q.17 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.

It is misleading / to imagine that / computers can think / same like human beings.

- Ans 1. same like human beings
2. computers can think
3. to imagine that
4. It is misleading

Question ID : 81616113894

Status : Not Answered

Chosen Option : --

Q.18 Select the most appropriate meaning of the given idiom.

A square deal

- Ans 1. A nice decoration
2. A dishonest transaction
3. A fair agreement
4. An unfair agreement

Question ID : 81616113911

Status : Answered

Chosen Option : 3

Q.19 The following sentence has been divided into parts. One of them may contain an error.

Select the part that contains the error from the given options. If there is no error, select 'No error'.

The balloon flew up / as soon as / the man cutting the string.

- Ans 1. No error
2. as soon as
3. the man cutting the string
4. The balloon flew up

Question ID : 81616113893

Status : Answered

Chosen Option : 3

Q.20 Select the most appropriate option to fill in the blank.

The invention of fertilisers and insecticides has increased agricultural _____ which is required to feed the swelling population of the world.

Ans 1. cargo

2. goods

3. output

4. product

Question ID : 81616113817

Status : Answered

Chosen Option : 2

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.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 21**Q.21 Select the most appropriate option to fill in blank 1.**

Ans 1. growth

2. height

3. summit

4. peak

Question ID : 81616114203

Status : Answered

Chosen Option : 2

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.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 22**Q.22 Select the most appropriate option to fill in blank 2.**

Ans 1. example

2. term

3. idiom

4. call

Question ID : 81616114204

Status : Answered

Chosen Option : 2

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.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank 3.**

- Ans 1. above
 2. beyond
 3. along
 4. overhead

Question ID : 81616114205

Status : Answered

Chosen Option : 3

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.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 24**Q.24 Select the most appropriate option to fill in blank 4.**

- Ans 1. flourish
 2. exhibit
 3. boast
 4. parade

Question ID : 81616114206

Status : Answered

Chosen Option : 1

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.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 25**Q.25 Select the most appropriate option to fill in blank 5.**

- Ans 1. intensification
 2. proliferation
 3. spread
 4. growth

Question ID : 81616114207

Status : Not Answered

Chosen Option : --