

SSC CGL Tier -1 Previous Years' Paper 3rd December Shift 1 (English)







Combined Graduate Level Examination Tier I 2022 3rd December English Shift 1 Section : General Intelligence and Reasoning

1. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(12, 42, 7) (13, 52, 8) A. (9, 26, 8) B. (9, 18, 4) C. (8, 7, 43) D. (7, 12, 6) Ans. B

2. By Interchanging the given two numbers which of the following equation will be not correct?

5 and 9 A. $9 - 4 \times 5 + 6 \div 2 = -28$ C. $9 - 5 \times 4 + 6 \div 3 = -30$ Ans. C B. $9 \times 4 + 5 - 8 \div 2 = 25$ D. $9 + 7 \times 8 \div 4 - 5 = 10$

3. Three different positions of the same dice are shown (figures I to 3). Find the number on the face opposite to the face having 1.

A. 6	 B. 3
C. 4	D. 5
Ans. C	

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

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

(452, 50, 63) (260, 35, 30) A. (330, 30, 45) C. (230, 15, 45) Ans. D

B. (260, 30, 25) D. (260, 50, 15)









5. In a certain code language, 'MOBILE' is written as 'PRELOH' and 'SILENT' is written as 'VLOHQW', how will 'PAINTING' be written in that language?
A. SDLQWLQJ
B. RCKPVKPI
C. SDLQVKPI
D. RCKPWLQJ
Ans. A

6. Which two signs and two numbers should be interchanged in the following equation to make it correct?

14 × 6 ÷ 12 + 15 - 9 = 203 A. 15 , 6 , + , ÷ B. 12 , 15 , - , × C. 14 , 6 , ÷ , × D. 12 , 9 , ÷ , -Ans. A

7. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Expensive
- 2. Expedition
- 3. Experience
- 4. Expel
- 5. Expenditure
- A. 4, 2, 5, 1, 3 B. 2, 4, 5, 3, 1
- C. 5, 2, 1, 4, 3
- D. 2, 4, 5, 1, 3 Ans. D

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

- А. В.
- C.
- D.

Ans. C

9. In the following question, select the missing number from the given series. 1, 22, 44, 67, 91, ?

A. 115	B. 116
C. 106	D. 118
Ans. B	









10. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

(36, 90, 18) (15, 35, 8) A. (12, 60, 8) C. (14, 42, 7) Ans. D

B. (13, 78, 6) D. (14, 45, 5)

11. Read the given statement(s) 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 statement(s).

Statements:

Some bulbs are switches.

No switch is a vase.

All fans are switches.

Conclusions:

I. Some bulbs being fans is a possibility.

II. No fan is a vase.

III. All switches are fans.

IV. No bulb is a vase.

A. Only Conclusions I and II follow

B. Only Conclusions II and III follow

- C. Only Conclusions I, II and IV follow
- D. Only Conclusion I follows

Ans. A

12. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements. Statements:

I. Some W are F.

II. Some R are F.

Conclusion:

- I. Some R are not W.
- II. No W is R.
- A. Only conclusion II follows

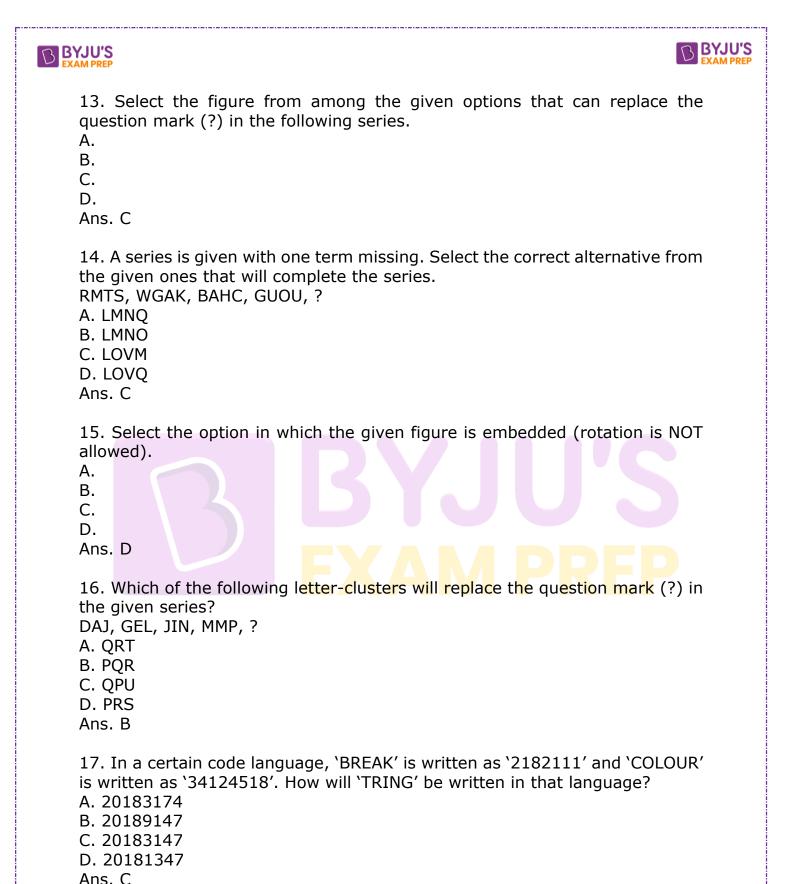
B. Both conclusions I and II follows

- C. Only conclusion I follows
- D. Neither conclusion follows

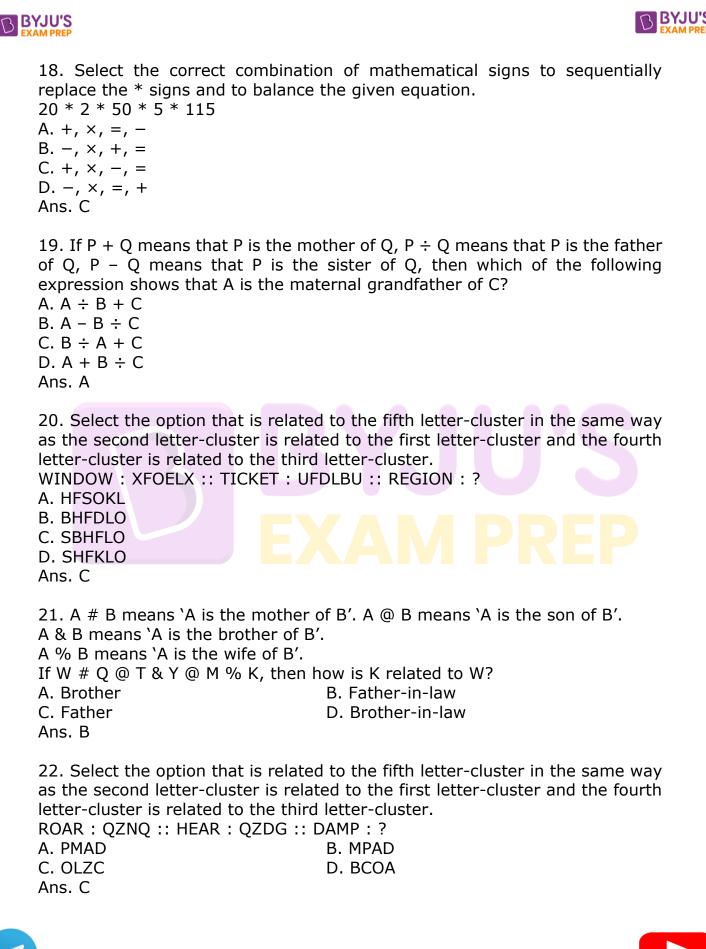
Ans. D















23. In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

A. 7 – 71 B. 8 - 81 C. 11 - 111 D. 12 - 167 Ans. D

24. Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

A. FYI

B. CGB

C. KDN

D. RKU

Ans. B

25. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

Α. Β.

C.

D.

Ans. C







Section : General Awareness

1. Chemical formula of magnesium oxide is ______.

A. Mg(OH)²

B. MgO

C. MgCO³

D. MgO²

Ans. B

2. OYO partnered with the Jammu and Kashmir administration to launch a rural tourism initiative. What this initiative is called?

A. United India

B. Crown of Incredible India

C. Weaving a Better Future

D. Shared Planet

Ans. B

3. _____ is found in association with rocks composed of calcium carbonates?

- A. Gold
- B. Diamond
- C. Iron

D. Limestone

Ans. D

4. Which of the following sequence is correct with respect to the Delhi Dynasties?

A. Rajput dynasties, Khalji dynasty, Tughluq dynasty

B. Tughluq dynasty, Khalji dynasty, Sayyid dynasty

C. Early Turkish Rulers, Rajput dynasties, Khalji dynasty

D. Khalji dynasty, Lodi dynasty, Sayyid dynasty

Ans. A

5. If we deduct depreciation from GNP the measure of aggregate income that we obtain is called ______ .

A. Personal income

- B. Gross Domestic Product at market prices
- C. Gross Domestic Product
- D. Net National Product

Ans. D







6. Any natural mass of mineral matter that makes up the earth's crust is

A. Rock

- B. Fossil
- C. Stone
- D. Garbage
- Ans. A

7. _____ takes oath as new Meghalaya Governor in October 2022.

- A. A K Anil Kumar
- B. Prashant Kumar
- C. B.D. Mishra
- D. Sunil Barthwal

Ans. C

8. An electric current is expressed by a unit called ______.

- A. ampere
- B. joule
- C. watt
- D. meter
- Ans. A

9. How thick is the lithosphere?

A. 10 to 25 kilometres

- B. 10 to 200 kilometres
- C. 5 to 10 kilometres
- D. 25 to 45 kilometres
- Ans. B

10. Rajashree Shirke was given which of the following prestigious dance awards of 2013 for her excellence in Kathak?

- A. National Film Award
- B. Sangeet Natak Academy Award
- C. Kalidas Samman
- D. Padma Shri

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Ans. B
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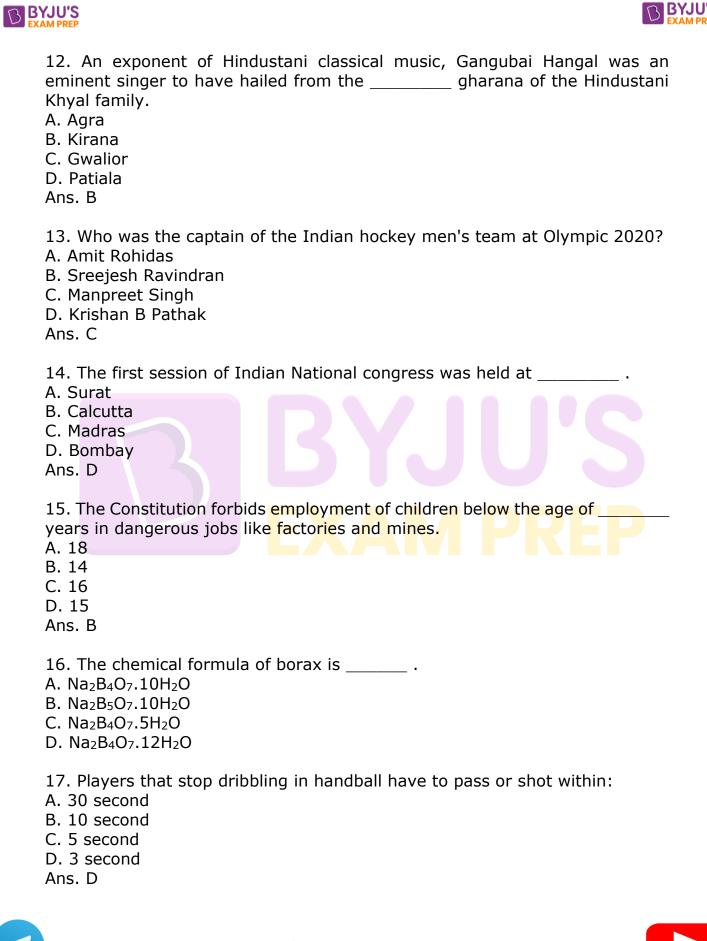
11. Which of the following is NOT a classification of E-Commerce?

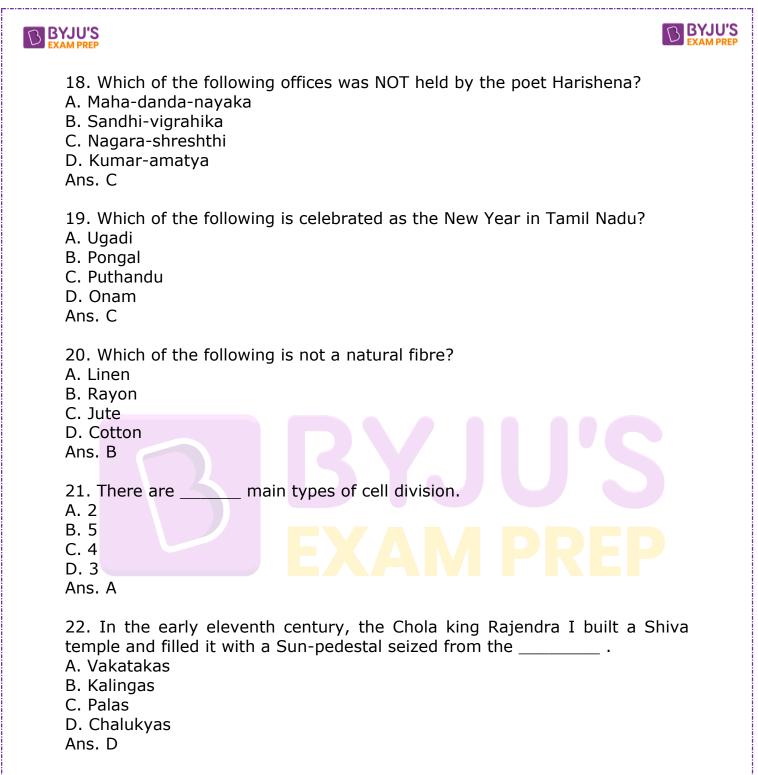
- A. D2D (Distributor-to-Distributor)
- B. B2C (Business-to-Consumer)
- C. C2C (Consumer-to-Consumer)
- D. B2B (Business-to-Business)

Ans. A









23. Who among the following is related to the musical instrument Santoor?

- A. Pandit Shivkumar Sharma
- B. Pandit Ravishankar Prasad
- C. Pandit Hariprasad Chaurasia
- D. Pandit Jasraj

Ans. A









24. Which of the following statements is NOT correct with reference to the election of the President of India?

A. The election takes place in accordance with the principle of proportional representation.

B. All doubts and disputes in connection with the President's election can be inquired into and decided by both the Supreme Court and the High Courts. C. The President is elected for a period of five years.

D. He/She is indirectly elected by the elected MLAs and MPs. Ans. B

25. Chief Minister Shramik Kalyan Prakalp scheme was launched by Amit Shah for women of _______.

A. Bihar

- B. Haryana
- C. Jharkhand
- D. Tripura











Section : Quantitative Aptitude

1. Study the given chart and answer the question that follows.

The chart shows the quantities of machines (M1, M2, M3) available indifferent stores (S1, S2, S3, S4).

Which stores have more numbe M2 machines than the average number of M2 machines per store?

A. S2 and S4

- B. S1 and S4
- C. S2 and S3
- D. S1 and S3

Ans. B

2. Ram loses % of his money and after spending 75% of the remainder, is left with ₹630. How much money did Ram have initially?

- A. ₹2,205
- B. ₹2,880
- C. ₹2,080
- D. ₹2,808

Ans. B

3. If the volume of a sphere is 24,416.64 cm³, find its surface area (take π = 3.14) correct to two places of decimal.

- A. 4069.44 cm²
- B. 5069.66 cm²
- C. 6069.67 cm²
- D. 3069.55 cm²
- Ans. A

4. The table given below shows the number of people in different states.

States	Number of people
А	174
В	200
С	144
D	195





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state E?



E 280

A. 18:35 B. 31:17 C. 35 : 18 D. 17:29 Ans. A 5. The nearest number which is greater to 87501, and is completely divisible by 765 is : A. 87966 B. 87775 C. 88975 D. 87975 Ans. D 6. Calculate the HCF of , and . Α. Β. C. D. Ans. C 7. = A. 1 B. $2tan^2\theta$ C. $2sec^2\theta$ D. 0 Ans. C 8. If , what will be the value of $x^4 + ?$ A. 29243 B. 28561 C. 27887 D. 29239 Ans. D 9. The factors of $x^4 + x^2 + 25$ are : A. $(x^2 + 3x + 5)(x^2 + 3x + 5)$ C. $(x^2 + 3x - 5)(x^2 - 3x + 5)$ B. $(x^2 + 3x + 5)(x^2 - 3x + 5)$ D. $(x^2 - 3x + 5)(x^2 - 3x + 5)$ Ans. B Join Our Classroom Program Now

What is the ratio of number of people in state C to the number of people in

BYJU'S 10. In triangle ABC, the bisector of angle BAC cuts the side BC at D. If AB =10 cm, and AC = 14 cm, then what is BD : BC? A. 7:5 B. 10:7 C.7:10 D. 5 : 7 Ans. D 11. If $(\cos q + \sin q) = 31/25$, then what will be the value of $\cos^2 q$? A. 522/625 B. 512/625 C. 513/625 D. 527/625 Ans. D 12. Simplify : A. tanA B. $\cos A - \sin A$ C. cosA.sinA D. cosA + sinA Ans. B 13. The average marks of 60 students in a class are 62. The average marks of boys and girls in that subject are 60 and 65, respectively. The number of boys in the class is: A. 41 B. 36 C. 25 4.31 Ans. B 14. The difference between a discount of 25% and two successive discounts of 15% and 10% on a certain bill was ₹25. Find the amount of the bill. A. ₹3,333.33 B. ₹2,500 D. ₹833.33 C. ₹1,666.67 Ans. C 15. Ruchi, Khushi and Teju can do a piece of work in 30, 40 and 60 days respectively. In how many days can Ruchi do the work, if she is assisted by both Khushi and Teju on every third day? A. days B. days C. days D. days Ans. D









16. A trader has a weighing balance that shows 1300 g for a kg. He further marks up his cost price by 15%. The net profit percentage is:
A. 48.5%
B. 45%
C. 50%
D. 49.5%
Ans. D
17. If the diameter of a sphere is 3.5 cm, then what is the total surface area of the sphere?
A. 38.5 cm²
B. 45.75 cm²

C. 42.6 cm² D. 34.25 cm²

Ans. A

18. A car starts from point A towards point B, travelling at the speed of 20 km/h. 1 hours later, another car starts from point A and travelling at the speed of 30 km/h and reaches 2 hours before the first car. Find the distance between A and B.

A. 300 km B. 280 km

C. 240 km D. 260 km

Ans. C

19. If , what is the value of ?

A. 36

B. 25

C. 40

D. 41

Ans. D

20. Select the correct option with respect to the given statement. Two tangents are drawn at the end of the diameter of a circle.

A. They intersect each other.

B. They are perpendicular to each other.

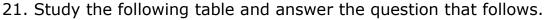
C. They pass through origin.

D. They are parallel to each other.

Ans. D







A school has four sections A, B, C and D of Class IX students.

The results of Science and Mathematics examinations are shown in the following table.

Result	No. of Students			
	Section A	Section B	Section C	Section D
Failed in both	24	25	18	20
Failed in Science but passed in Mathematics	14	12	10	15
Passed in Science but failed in Mathematics	7	6	8	10
Passed in both	63	60	56	55

What percentage of students of section C Passed in Science but failed in Mathematics? A. 9.20%

B. 9.85% C. 10.30%

D. 8.70% Ans. D

22. The table given below shows the number of truck sold by six companies.

Companies	Truck
J	40
К	60
L	80
М	110





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Ν	120
0	80

Number of trucks sold by L are what percent of number of trucks sold by J?

A. 100 percent

B. 200 percent

C. 250 percent

D. 150 percent

Ans. B

23. ₹5,000 is divided into two parts such that if one part is invested at 4% and the other at 5%, then the whole annual interest from both the sums is ₹223. How much was invested at 4%?

A. ₹2,600

B. ₹2,700

C. ₹2,300

D. ₹2,400

Ans. B 24. If a : b = c : d, then which of the following ratio is equal to a : c? A. a + b : c + dB. b : cC. a + d : b + cD. a : d

Ans. A

25. The area of a sector of a circle is 66 $\rm cm^2$ and the angle of the sector is 60°. Find the radius of the circle.

A. cm B. cm C. cm D. cm Ans. D



Section : English Comprehension

1. In the given sentence the underlined word may have been incorrectly spelt. Identify the option that rectifies the spelling. If there is no error in spelling, select 'No error'.

Getting a compliment from her husband was a rare <u>occurrance</u> in Rashmila's life.

A. No error

B. occurrence

C. ocurrance

D. ocurrancce

Ans. B

2. Select the most appropriate ANTONYM of the given word.

Ambition

A. Laziness

B. Anxiety

C. Object

D. Intent

Ans. A

3. Select the most appropriate option that can substitute the underlined segment in the given sentence.

I <u>am been working here</u> for the past ten years.

A. had been working here

B. is been working here

C. have been working here

D. was been working here

Ans. C

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

One who mediates in a deal or complex situation

A. Solicitor

C. Equaliser Ans. B B. NegotiatorD. Pacifier

Select the most appropriate synor

5. Select the most appropriate synonym of the underlined word in the given sentence.

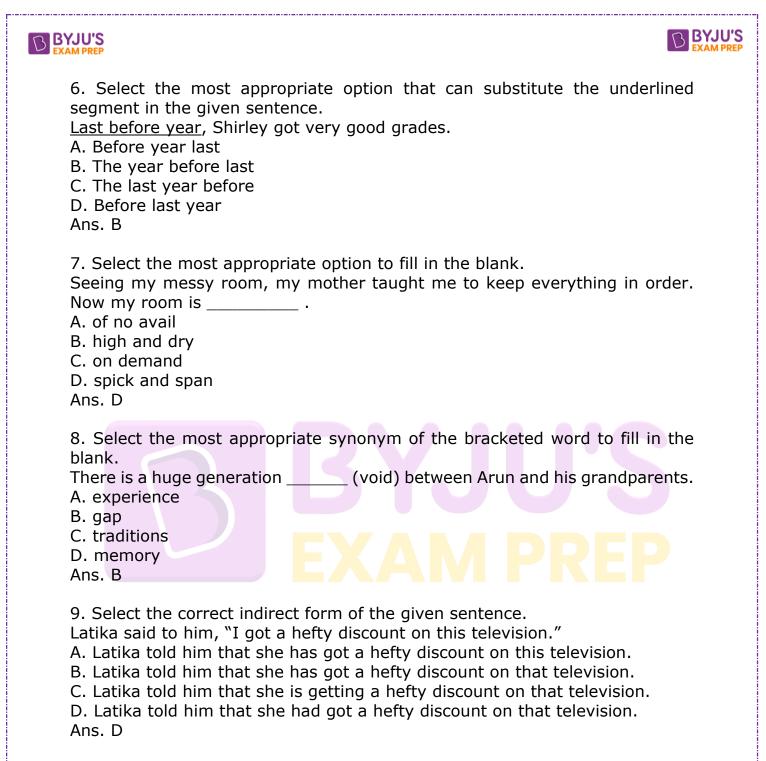
The perils of smoking tobacco can never be ignored.

A. Delights C. Humiliations

Ans. B

B. Hazards D. Benefits





10. Select the sentences that contains no spelling errors.

A. I heard raucouos laughter from the next room.

B. I heard raocous laughter from the next room.

C. I heard raucous laughter from the next room.

D. I heard raucus laughter from the next room. Ans. C





11. Select the option that contains a grammatical error in the underlined portion.

I have never played any game of side this track during the season.

A. I have never played any game <u>of side this track</u> during the season.

B. I have never played any game off side this track <u>during the season</u>.

C. I have never played <u>any game</u> off side this track during the season.

D. <u>I have never played</u> any game off side this track during the season. Ans. A

12. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There is a whole world / out there that / is invisible from / the naked eye.

A. is invisible from

B. There is a whole world

C. out there that

D. the naked eye

Ans. A

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

I used to swim across the river when I was young.

A. could swim across

B. was swimming across

C. can swim across

D. will swim across Ans. A

14. Select the most appropriate meaning of the given idiom. Fair and square

- A. Good looking
- B. Fair-skinned
- C. Being vague
- D. Honestly

Ans. D

15. Fill in the blank with the correct collocation. Motorists committing this infraction are fined.

A. heavily

- B. slowly
- C. hardly
- D. wholly
- Ans. A









16. Select the correct passive form of the given sentence. The new owners hired a lot of new servers.

A. A lot of new servers are being hired by the new owners.

B. A lot of new servers are hired by the new owners.

C. A lot of new servers had been hired by the new owners.

D. A lot of new servers were hired by the new owners.

Ans. D

17. The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. In Tokyo, they built an expressway linking the international airport in Haneda to the centre, and widened some of the city's major arteries.

Q. These infrastructure improvements helped to bring about the Japanese economic miracle over the next couple of decades.

R. Tokyo 2020 was supposed to be a great economic stimulus, replicating the achievements of Tokyo 1964.

S. It was thanks to hosting that Olympics that Japan invested in infrastructure such as the famous Shinkansen bullet train.

A. RSPQ

- B. PQRS
- C. SRQP

D. QPRS

Ans. A

18. Select the option that expresses the given sentence in passive voice. Had they not cleared the exam?

A. Was the exam not been cleared by them?

B. Is the exam not been cleared by them?

C. Had the exam not been cleared by them?

D. Have the exam not been cleared by them?

19. Select the most appropriate synonym of the word 'stagnant' from the following sentence.

Reeta was motionless after knowing that her brother had become mentally unstable after seeing the fatal accident on Tuesday night.

- A. Accident
- B. Motionless
- C. Fatal
- D. Unstable

Ans. B







20. Select the most appropriate option to fill in the blank.
We decided to ______ as we were missing him a lot.
A. take a visit
B. bring in a visit
C. pay him a visit
D. give a visit

Ans. C

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Academic life has (1) ______ demanding for students as a result of different internal and external expectations. Teenagers are especially (2) ______ to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) ______ solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) ______ aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5)

_____ in future.

Sub Question No: 21

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

- A. becomes
- B. become
- C. becoming
- D. became
- Ans. B

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Academic life has (1) ______ demanding for students as a result of different internal and external expectations. Teenagers are especially (2) ______ to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) ______ solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) ______ aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future.

Sub Question No : 22

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

A. prone

B. scared









C. resistance D. liable Ans. A

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Academic life has (1) ______ demanding for students as a result of different internal and external expectations. Teenagers are especially (2) ______ to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) ______ solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) ______ aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future.

Sub Question No : 23

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

- A. physical
- B. collateral
- C. intervention
- D. convention

Ans. C

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Academic life has (1) ______ demanding for students as a result of different internal and external expectations. Teenagers are especially (2) ______ to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) ______ solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) ______ aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) ______ in future.

Sub Question No: 24

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

- A. most eager
- B. more important
- C. most crucial
- D. more urgent
- Ans. C







Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Academic life has (1) ______ demanding for students as a result of different internal and external expectations. Teenagers are especially (2) ______ to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) ______ solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) ______ aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future.

Sub Question No: 25

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

- A. ambiguity
- B. wanderlust
- C. sneak
- D. purpose
- Ans. A







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