

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the misspelt word.

- Ans
- 1. already
 - 2. library
 - 3. instalment
 - 4. boundry

Question ID : 6549789371
Status : Answered
Chosen Option : 3

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My brother lost / his job during the lockdown, / but he had got / a new job now.

- Ans
- 1. his job during the lockdown
 - 2. but he had got
 - 3. a new job now
 - 4. My brother lost

Question ID : 6549787638
Status : Answered
Chosen Option : 2

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

A school teacher earns fewer salary from a college lecturer.

- Ans
- 1. a lower salary than
 - 2. No substitution required
 - 3. fewer salary than
 - 4. less salary from

Question ID : 6549787649
Status : Answered
Chosen Option : 2

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Q.4 Given below are four sentences in jumbled order. Select the option that gives their correct order.

- A. Once, on an airplane, I leaned over to tie my shoelace.
- B. I found myself pinned helplessly in the crash position, unable to move.
- C. I always have catastrophes when I travel.
- D. Just at that moment, the person in the seat ahead threw his seat back into full recline.

- Ans
- 1. ABDC
 - 2. CADB
 - 3. DBAC
 - 4. BDAC

Question ID : 6549789364
Status : Answered
Chosen Option : 2

Q.5 Select the option that can be used as a one-word substitute for the given group of words.

A strong interest in something or someone

- Ans
- 1. Fixation
 - 2. Empathy
 - 3. Apathy
 - 4. Attachment

Question ID : 6549787657
Status : Answered
Chosen Option : 3

Q.6 Select the option that expresses the given sentence in direct speech.

She told the car mechanic that her car was giving very low mileage.

- Ans
- 1. The car mechanic said to her, "Your car is giving very low mileage."
 - 2. She said to the car mechanic, "Her car has been giving very low mileage."
 - 3. She said to the car mechanic, "My car is giving very low mileage."
 - 4. She asked the car mechanic, "Why is my car giving very low mileage?"

Question ID : 6549787637
Status : Answered
Chosen Option : 3

Q.7 Select the most appropriate antonym of the given word.

SAVAGE

- Ans
- 1. violent
 - 2. cultured
 - 3. vicious
 - 4. brutal

Question ID : 6549789368
Status : Answered
Chosen Option : 2

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

The workers' union has threatened for going to an indefinite strike.

- Ans
- 1. to be going for
 - 2. No substitution
 - 3. for going to
 - 4. to go on

Question ID : 6549789365
Status : Answered
Chosen Option : 2

Q.9 Select the most appropriate one-word substitution for the given words.

To come to an end

- Ans
- 1. initiate
 - 2. exhale
 - 3. inspire
 - 4. expire

Question ID : 6549789373
Status : Answered
Chosen Option : 2

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

COMMENCE

- Ans
- 1. complete
 - 2. resume
 - 3. conclude
 - 4. launch

Question ID : 6549789376
Status : Answered
Chosen Option : 4

Q.11 Select the most appropriate ANTONYM of the given word.

Friendly

- Ans
- 1. Amiable
 - 2. Zealous
 - 3. Hostile
 - 4. Upright

Question ID : 6549787650
Status : Answered
Chosen Option : 3

Q.12 Select the most appropriate meaning of the underlined idiom in the given sentence.

Organic food seems to be in vogue these days.

- Ans
- 1. readily available
 - 2. out of stock
 - 3. in fashion
 - 4. very expensive

Question ID : 6549789370
Status : Answered
Chosen Option : 1

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Oprah Winfrey is one of the richest and most powerful American women, loved and admired by everyone.
- B. When she was only 19, she became the first black female assistant to Nashville's evening news anchor.
- C. But Oprah had a very difficult and traumatic childhood.
- D. In 1986, Oprah became the television presenter of her own talk show called 'The Oprah Winfrey Show'.

- Ans
- 1. CBDA
 - 2. DACB
 - 3. ABDC
 - 4. BCAD

Question ID : 6549787646
Status : Answered
Chosen Option : 3

Q.14 Fill in the blank with most appropriate word.

I am _____ of joining the armed forces.

- Ans
- 1. interested
 - 2. keen
 - 3. desirous
 - 4. eager

Question ID : 6549789378
Status : Answered
Chosen Option : 3

Q.15 Select the INCORRECTLY spelt word.

- Ans
- 1. Benifitiary
 - 2. Territory
 - 3. Strategy
 - 4. Tractor

Question ID : 6549787655
Status : Answered
Chosen Option : 1

Q.16 In the given sentence, identify the segment which contains a grammatical error.

Every participant gave so outstanding performance that it became difficult to choose the winner.

- Ans
- 1. Every participant gave
 - 2. so outstanding performance
 - 3. to choose the winner
 - 4. that it became difficult

Question ID : 6549789356
Status : Answered
Chosen Option : 2

Q.17 Select the correct passive form of the given sentence.

She has put fresh flowers in the flower vase.

- Ans
- 1. Fresh flowers are put in the flower vase.
 - 2. Fresh flowers are being put in the flower vase.
 - 3. Fresh flowers has been put in the flower vase.
 - 4. Fresh flowers have been put in the flower vase.

Question ID : 6549789353
Status : Answered
Chosen Option : 4

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

To play with fire

- Ans
- 1. To act in a dangerous and risky way
 - 2. To hold a revenge against someone
 - 3. To fight fires like a fireman
 - 4. To pour oil on a burning fire

Question ID : 6549787652
Status : Answered
Chosen Option : 1

Q.19 Select the most appropriate synonym of the given word.

Imitate

- Ans
- 1. Mimic
 - 2. Effect
 - 3. Disregard
 - 4. Enlighten

Question ID : 6549787658
Status : Answered
Chosen Option : 1

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

You don't usually discuss money with friends, because it may _____ the relationship negatively.

- Ans
- 1. affect
 - 2. improve
 - 3. strengthen
 - 4. effect

Question ID : 6549787660

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 21

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

- Ans
- 1. himself
 - 2. herself
 - 3. myself
 - 4. itself

Question ID : 6549789358

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 22

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

- Ans
- 1. so much
 - 2. enough
 - 3. more
 - 4. so

Question ID : 6549789359

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 23

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

Ans 1. way

2. turn

3. cage

4. path

Question ID : 6549789360

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 24

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

Ans 1. terrorizing

2. terrifying

3. terrified

4. terrible

Question ID : 6549789361

Status : Not Answered

Chosen Option : --

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 25

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

- Ans
- 1. much lovely
 - 2. more lovely
 - 3. most lovelier
 - 4. loveliest

Question ID : 6549789362

Status : Answered

Chosen Option : 4

Section : General Intelligence



Q.1 Select the option figure which contains figure X embedded in it as its part (rotation is NOT allowed).

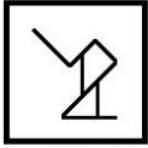
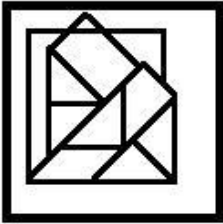


Figure X

Ans

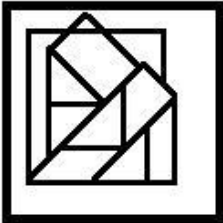
X 1.



X 2.



✓ 3.



X 4.



Question ID : 6549789400
Status : Answered
Chosen Option : 3

Q.2 Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All bottles are utensils.
All kitchens are utensils.

Conclusions:

I. No bottle is a kitchen.
II. Some bottles are kitchens.
III. No utensil is a bottle.

- Ans 1. Either conclusion I or II follows
 2. Only conclusions I and II follow
 3. All the conclusions follow
 4. Only conclusions II and III follow

Question ID : 6549789396
Status : Answered
Chosen Option : 1

Q.3 Mahendra is the son of Naman, who is the brother of Reema's mother. How is Mahendra related to Reema?

- Ans 1. Cousin
 2. Son
 3. Uncle
 4. Brother

Question ID : 6549788584
Status : Answered
Chosen Option : 3

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

(15, 7, 252)

- Ans 1. (12, 16, 372)
 2. (23, 9, 510)
 3. (27, 10, 520)
 4. (16, 14, 451)

Question ID : 6549787666
Status : Not Answered
Chosen Option : --

Q.5 Three of the following four words are alike in a certain way and one is different. Select the odd one.

- Ans 1. Dry Fruits
 2. Almond
 3. Cashew
 4. Walnuts

Question ID : 6549789395
 Status : Answered
 Chosen Option : 2

Q.6 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

FOR : MVY :: DEX : ?

- Ans 1. KLE
 2. LLF
 3. KME
 4. KLF

Question ID : 6549789389
 Status : Answered
 Chosen Option : 1

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

p _ q q r _ p p q _ r r _ p q _ _ r

- Ans 1. prqpqr
 2. rpqrpq
 3. qqpprr
 4. qprqqr

Question ID : 6549786866
 Status : Answered
 Chosen Option : 1

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

Axe : Chop

- Ans 1. Scalpel : Stitching
 2. Chisel : Carve
 3. Scissor : Design
 4. Compass : Architecture

Question ID : 6549787676
 Status : Answered
 Chosen Option : 1

Q.9 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. XZCG
 - 2. BDGK
 - 3. VYAE
 - 4. MORV

Question ID : 6549787677
Status : Answered
Chosen Option : 3

Q.10 In a code language, MAGIC is written as NZTRX. How will LAYER be written in that language?

- Ans
- 1. OZBVH
 - 2. NZBVQ
 - 3. OZBVI
 - 4. PZPVI

Question ID : 6549789387
Status : Answered
Chosen Option : 3

Q.11 In a certain code language, 'FOSTER' is coded as '61219202218' and 'CARGO' is coded as '32618712'. How will 'MARRIAGE' be coded in that language?

- Ans
- 1. 132618180926705
 - 2. 132618181826722
 - 3. 140118181801722
 - 4. 132609091826705

Question ID : 6549787671
Status : Answered
Chosen Option : 1

Q.12 How many triangles are there in the given figure?



- Ans
- 1. 16
 - 2. 15
 - 3. 17
 - 4. 14

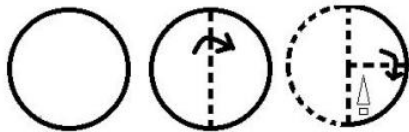
Question ID : 6549787682
Status : Not Answered
Chosen Option : --

Q.13 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. 4 : 70
 - 2. 7 : 349
 - 3. 3 : 30
 - 4. 8 : 518

Question ID : 6549787668
 Status : Answered
 Chosen Option : 3

Q.14 A piece of paper is folded and cut as shown below in the question figures, how it will appear when unfolded.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 6549789401
 Status : Answered
 Chosen Option : 2

Q.15 Ankit is 30 years younger than his father. After 4 years Ankit's sister will be half the age of her father. The total of the present ages of Ankit and his sister is 67 years. What is the present age of Ankit's father?

- Ans 1. 66 years
 2. 48 years
 3. 60 years
 4. 52 years

Question ID : 6549787662
Status : Answered
Chosen Option : 1

Q.16 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Mosaic
2. Mosquito
3. Mortgage
4. Moratorium
5. Morphed

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

Question ID : 6549787669
Status : Answered
Chosen Option : 1

Q.17 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.

26 : 182 :: ? : 203 :: 38 : 266

- Ans 1. 35
 2. 29
 3. 33
 4. 27

Question ID : 6549787664
Status : Not Answered
Chosen Option : --

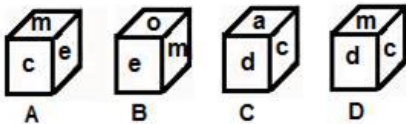
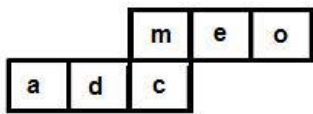
Q.18 Which two signs and two numbers should be interchanged to make the given equation correct?

$$12 \times 5 + 7 \div 4 - 6 = 25$$

- Ans
- 1. \times and \div , 7 and 6
 - 2. \times and $-$, 6 and 5
 - 3. \div and $-$, 4 and 12
 - 4. \times and $+$, 12 and 4

Question ID : 6549789380
Status : Answered
Chosen Option : 3

Q.19 Select the cubes that can be formed by folding the given sheet along the lines.



- Ans
- 1. Only A and D
 - 2. Only B, C and D
 - 3. Only A, C and D
 - 4. Only B and C

Question ID : 6549787680
Status : Answered
Chosen Option : 4

Q.20 Select the correct mirror image of the given letter cluster when a mirror is placed on the right side of the cluster.

DNKTRA

- Ans
- 1. AЯLTЯD
 - 2. AЯTKND
 - 3. AЯTKND
 - 4. AЯTKND

Question ID : 6549789402
Status : Answered
Chosen Option : 3

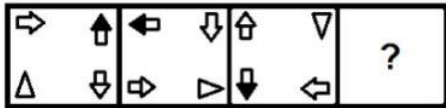
Q.21 Select the option in which the numbers share the same relationship as that shared by the numbers in the given set.

(6, 8, 192)

- Ans 1. (11, 9, 396)
 2. (7, 5, 78)
 3. (12, 13, 263)
 4. (8, 11, 180)

Question ID : 6549789382
 Status : Answered
 Chosen Option : 1

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



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 6549787681
 Status : Answered
 Chosen Option : 4

Q.23 Select the number that can replace the question mark (?) in the following series.

14, 29, 60, 123, ?, 505

- Ans
- 1. 305
 - 2. 250
 - 3. 280
 - 4. 150

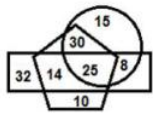
Question ID : 6549789384
Status : Answered
Chosen Option : 2

Q.24 'Soldier' is related to 'Security' in the same way as 'Farmer' is related to '_____'.
.

- Ans
- 1. Army
 - 2. Agriculture
 - 3. Poverty
 - 4. Rain

Question ID : 6549789390
Status : Answered
Chosen Option : 2

Q.25 In the following Venn diagram, the pentagon stands for 'Librarians', the rectangle stands for 'Income Tax Payers', and the circle stands for 'Post-graduates'. The given numbers represent the number of persons in that particular category.



How many librarians are there who are also post-graduates?

- Ans
- 1. 14
 - 2. 55
 - 3. 30
 - 4. 25



Question ID : 6549787686
Status : Answered
Chosen Option : 2

Q.1 If the simple interest on a certain sum of money borrowed for 4 years at 9.5% per annum exceeds the simple interest on the same sum for 3 years at 12.5% per annum by ₹225, then the sum borrowed is:

- Ans**
- 1. ₹35,000
 - 2. ₹45,000
 - 3. ₹48,000
 - 4. ₹42,000

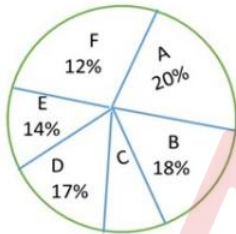
Question ID : 6549787695
Status : Answered
Chosen Option : 3

Q.2 Suman and Lata working together can complete a task in 8 days. If Lata can complete the same task in 12 days, then how many days will Suman take to complete the same task?

- Ans**
- 1. 18
 - 2. 15
 - 3. 10
 - 4. 24

Question ID : 6549789404
Status : Answered
Chosen Option : 4

Q.3 The following pie chart represents the percentage-wise distribution of 300 students of class X in a school in six different sections A, B, C, D, E and F.



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

Section	A	B	C	D	E	F
No. of boys	36	26	34	28	-----	20

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

- Ans**
- 1. 18%
 - 2. 30%
 - 3. 15%
 - 4. 20%

Question ID : 6549787711
Status : Answered
Chosen Option : 4

Q.4 If the adjacent sides of a rectangle whose perimeter is 60 cm are in the ratio 3 : 2, then what will be the area of the rectangle?

- Ans
- 1. 300 cm²
 - 2. 216 cm²
 - 3. 60 cm²
 - 4. 864 cm²

Question ID : 6549789406
Status : Answered
Chosen Option : 2

Q.5 The circumference of a circle is ' $a\pi$ ' units and the area of the circle is ' $b\pi$ ' square units. If a : b is equal to 4 : 5, then the radius of the circle is:

- Ans
- 1. 3 cm
 - 2. 2.5 cm
 - 3. 5 cm
 - 4. 2 cm

Question ID : 6549787696
Status : Answered
Chosen Option : 2

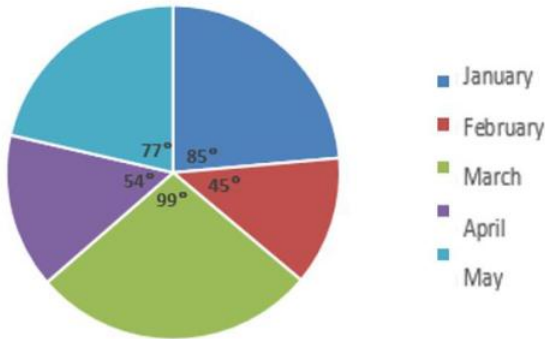
Q.6 If $x + \frac{81}{x} = 18$ where $x > 0$, then the value of $x^2 + \frac{162}{x^2}$ is:

- Ans
- 1. 78
 - 2. 83
 - 3. 85
 - 4. 81

Question ID : 6549787700
Status : Not Answered
Chosen Option : --

Q.7 Study the given pie chart and answer the question that follows.
The pie chart shows the distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold = 5400



By what percentage is the total number of computers sold in February and March more than the number of computers sold in April and May (correct to one decimal place)?

- Ans**
- 1. 11.5%
 - 2. 9.9%
 - 3. 10.6%
 - 4. 8.8%

Question ID : 6549786902
Status : Answered
Chosen Option : 2

Q.8 Mohan takes 2 hours more than Kishore to walk 63 km. If Mohan increases his speed by 50%, then he can make it in 1 hour less than Kishore. How much time does Kishore take to walk 63 km?

- Ans**
- 1. 7 hours
 - 2. 9 hours
 - 3. 6 hours
 - 4. 5 hours

Question ID : 6549787688
Status : Answered
Chosen Option : 1

Q.9 Points D, E and F are on the sides AB, BC and AC, respectively, of triangle ABC such that AE, BF and CD bisect $\angle A$, $\angle B$ and $\angle C$, respectively. If AB = 6 cm, BC = 7 cm and AC = 8 cm, then what will be the length of BE?

- Ans**
- 1. 4 cm
 - 2. 3 cm
 - 3. 3.6 cm
 - 4. 3.5 cm

Question ID : 6549789416
Status : Answered
Chosen Option : 3

Q.10 If the angle between the internal bisectors of two angles $\angle B$ and $\angle C$ of a triangle ABC is 125° , then the value of $\angle A$ is:

- Ans
- 1. 65°
 - 2. 70°
 - 3. 72°
 - 4. 62°

Question ID : 6549787698
Status : Not Answered
Chosen Option : --

Q.11 If $3 \cot A = 4 \tan A$ and A is an acute angle, then what will be the value of $\sec A$?

- Ans
- 1. $\frac{\sqrt{7}}{2}$
 - 2. $\frac{\sqrt{21}}{3}$
 - 3. $\frac{1}{\sqrt{3}}$
 - 4. $\frac{1}{2}$

Question ID : 6549789424
Status : Answered
Chosen Option : 1

Q.12 The present population of a village (males and females) is 7640. If the number of males increases by 25% and the number of females increases by 15%, then the population will become 9214. The difference between the present population of males and females in the village is:

- Ans
- 1. 820
 - 2. 960
 - 3. 940
 - 4. 920

Question ID : 6549787692
Status : Not Answered
Chosen Option : --

Q.13 What is the value of $\frac{\cos^2 20^\circ + \cos^2 70^\circ}{\sin^2 90^\circ} - \tan^2 45^\circ$?

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

Question ID : 6549789422
Status : Answered
Chosen Option : 1

Q.14 Two positive numbers are in the ratio 8 : 13. If the sum of their squares is 2097, then the sum of the two numbers is:

- Ans
- 1. 65
 - 2. 63
 - 3. 64
 - 4. 60

Question ID : 6549787694
Status : Answered
Chosen Option : 2

Q.15 When a positive integer 'n' is divided by 12, the remainder is 5. What will be the remainder if $8n^2 + 7$ is divided by 12?

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

Question ID : 6549787703
Status : Answered
Chosen Option : 3

Q.16 Simplify the following expression.

$$\frac{3\frac{2}{3} - 5\frac{7}{9} \div \frac{1}{3} \times 1\frac{2}{13}}{\frac{2}{3} \text{ of } 1\frac{1}{3} \div \frac{1}{3}}$$

- Ans
- 1. $-2\frac{77}{104}$
 - 2. $-29\frac{2}{5}$
 - 3. $-6\frac{1}{8}$
 - 4. $-14\frac{1}{4}$

Question ID : 6549789421
Status : Answered
Chosen Option : 4

Q.17 A customer availed a 10% discount on the purchase of a table and paid ₹4,950 for it. How much money would he have saved if he had bargained to get 12% discount?

- Ans
- 1. ₹660
 - 2. ₹99
 - 3. ₹108.90
 - 4. ₹110

Question ID : 6549789408
Status : Answered
Chosen Option : 4

Q.18 If $x - \frac{1}{x} = 2\sqrt{2}$, then what will be the value of $x^3 - \frac{1}{x^3}$?

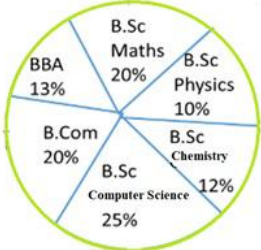
- Ans
- 1. $22\sqrt{2}$
 - 2. $12\sqrt{2}$
 - 3. $10\sqrt{2}$
 - 4. $20\sqrt{2}$

Question ID : 6549789418
Status : Answered
Chosen Option : 1

Q.19 Study the given pie chart and answer the question that follows.

Total number of students admitted in a college = 700.

Distribution of the percentage of students in various courses.



Percentage-wise distribution of the number of boys.

Course	Number of boys
B.Sc. Maths	40%
B.Sc. Physics	68%
B.Sc. Chemistry	58%
B.Sc. Computer Science	80%
B.Com.	75%
BBA	65%

The difference between the number of boys and the number of girls admitted in B.Com. is:

- Ans
- 1. 65
 - 2. 70
 - 3. 75
 - 4. 60

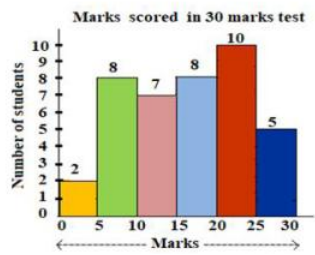
Question ID : 6549789628
 Status : Not Answered
 Chosen Option : --

Q.20 If $x^4 - 12x^2 + 1 = 0$, then what will be the value of $x^4 + \frac{1}{x^4}$?

- Ans
- 1. 142
 - 2. 146
 - 3. 10
 - 4. 144

Question ID : 6549789419
 Status : Answered
 Chosen Option : 1

Q.21 The histogram shows the marks scored by 40 students in a test with maximum 30 marks. How many students scored 10 or more marks?



- Ans
- 1. 10
 - 2. 30
 - 3. 38
 - 4. 23

Question ID : 6549789425
 Status : Not Answered
 Chosen Option : --

Q.22 Amit purchased stationery marked for ₹8,000 at 12% discount and spent ₹160 on transportation. He sold the stationery at the marked price. Find his profit percentage.

- Ans
- 1. 10
 - 2. 12
 - 3. $12\frac{1}{2}$
 - 4. $11\frac{1}{9}$

Question ID : 6549789410
 Status : Answered
 Chosen Option : 3

Q.23 Chord AB of a circle with radius 5 cm is at a distance of 4 cm from the centre O. If tangents drawn at A and B intersect at P, then find the length of the tangent AP.

- Ans
- 1. 7.5 cm
 - 2. 3.75 cm
 - 3. 3 cm
 - 4. 2.4 cm

Question ID : 6549789414
 Status : Not Answered
 Chosen Option : --

Q.24

If $\frac{\sin^2 \theta}{\tan^2 \theta - \sin^2 \theta} = 5$, then the value of $\frac{24 \cos^2 \theta - 15 \sec^2 \theta}{6 \operatorname{cosec}^2 \theta - 7 \cot^2 \theta}$ is:

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

Question ID : 6549787706
Status : Not Answered
Chosen Option : --

Q.25 The average of the squares of four consecutive odd natural numbers is 201. The average of 7 times of the largest number and 3 times of the smallest number is:

- Ans
- 1. 72
 - 2. 78
 - 3. 76
 - 4. 66

Question ID : 6549787690
Status : Not Answered
Chosen Option : --

Section : General Awareness

Q.1 Who among the following represented India at the international level in shooting?

- Ans
- 1. Aditi Chauhan
 - 2. Anjum Moudgil
 - 3. Amit Panghal
 - 4. Ashalata Devi

Question ID : 6549787736
Status : Answered
Chosen Option : 1

Q.2 Ujjain is on the banks of river _____.

- Ans
- 1. Kshipra
 - 2. Dibang
 - 3. Sarayu
 - 4. Saraswati

Question ID : 6549789442
Status : Answered
Chosen Option : 4

Q.3 Which of the following is NOT a correct match of Dargah and its respective location?

- Ans 1. Shaikh Nizamuddin Auliya Dargah - Agra
 2. Khwaja Qutbuddin Bakhtiyar Kaki Dargah - Delhi
 3. Haji Ali Dargah - Mumbai
 4. Shaikh Muinuddin Sijzi (chishti) Dargah - Ajmer

Question ID : 6549787729
Status : Not Answered
Chosen Option : --

Q.4 Which of the following was the first operating system written in 'C' language?

- Ans 1. UNIX
 2. Windows 95
 3. Xenix
 4. LINUX

Question ID : 6549787712
Status : Answered
Chosen Option : 1

Q.5 Which of the following is the correct full form of JPEG?

- Ans 1. Joint Pixel Experts Group
 2. Joint Photographic Experts Group
 3. Joint Pixel Exports Group
 4. Joint Photography Exports Group

Question ID : 6549789430
Status : Answered
Chosen Option : 3

Q.6 Who among the following was the captain of women's hockey team of India as of December 2020?

- Ans 1. Rajani Etimarpu
 2. Rani Rampal
 3. Reena Khokhar
 4. Grace Ekka

Question ID : 6549789452
Status : Not Answered
Chosen Option : --

Q.7 Who won the Chess.com's 2020 Junior Speed Online Chess Championship after beating Russia's Alexey Sarana?

- Ans
- 1. Magnus Carlsen
 - 2. D Gukesh
 - 3. Raunak Sadhwani
 - 4. Nihal Sarin

Question ID : 6549787734
Status : Not Answered
Chosen Option : --

Q.8 Which Indian actor received the 'Crystal Award' at the World Economic Forum 2020?

- Ans
- 1. Deepika Padukone
 - 2. Alia Bhatt
 - 3. Kareena Kapoor
 - 4. Katrina Kaif

Question ID : 6549789447
Status : Answered
Chosen Option : 1

Q.9 Ministry of Finance introduced a new form called Form 26AS for:

- Ans
- 1. school admission application
 - 2. tax payers
 - 3. e-Visa application
 - 4. job application

Question ID : 6549787719
Status : Not Answered
Chosen Option : --

Q.10 Which of the following national parks is situated in Kerala?

- Ans
- 1. Tadoba National Park
 - 2. Kaziranga National Park
 - 3. Sanjay Gandhi National Park
 - 4. Eravikulam National Park

Question ID : 6549787726
Status : Answered
Chosen Option : 4

Q.11 Which of the following statements about blood pressure is correct?

- Ans
- 1. The normal systolic pressure is about 80 mm of Hg and diastolic pressure is 120 mm of Hg.
 - 2. The normal systolic pressure is about 72 mm of Hg and diastolic pressure is 35 mm of Hg.
 - 3. The normal systolic pressure is about 160 mm of Hg and diastolic pressure is 80 mm of Hg.
 - 4. The normal systolic pressure is about 120 mm of Hg and diastolic pressure is 80 mm of Hg.

Question ID : 6549787722
Status : Answered
Chosen Option : 4

Q.12 How many recognised essential vitamins are there as on March 2021?

- Ans
- 1. 15
 - 2. 11
 - 3. 13
 - 4. 9

Question ID : 6549789438
Status : Not Answered
Chosen Option : --

Q.13 For which of the following categories were Paul R Milgrom and Robert B Wilson awarded the Nobel Prize in 2020?

- Ans
- 1. Chemistry
 - 2. Physiology or Medicine
 - 3. Literature
 - 4. Economic Sciences

Question ID : 6549787731
Status : Answered
Chosen Option : 4

Q.14 Which of the following states had the highest per capita income for the year 2019-2020?

- Ans
- 1. Gujarat
 - 2. Goa
 - 3. Kerala
 - 4. Sikkim

Question ID : 6549789437
Status : Not Answered
Chosen Option : --

Q.15 Which country apart from India was declared a winner at the 2020 Online FIDE Chess Olympiad?

- Ans
- 1. Sweden
 - 2. Russia
 - 3. Brazil
 - 4. Finland

Question ID : 6549789435
Status : Not Answered
Chosen Option : --

Q.16 Good Governance Day is observed annually on 25 December on the birth anniversary of _____.

- Ans
- 1. Atal Bihari Vajpayee
 - 2. Rajiv Gandhi
 - 3. Jawaharlal Nehru
 - 4. P. V. Narasimha Rao

Question ID : 6549787716
Status : Answered
Chosen Option : 1

Q.17 IC 1101 is a _____.

- Ans
- 1. asteroid
 - 2. galaxy
 - 3. supernova
 - 4. satellite

Question ID : 6549789440
Status : Not Answered
Chosen Option : --

Q.18 Which of the following was the first High Court established in India?

- Ans
- 1. Bombay
 - 2. Calcutta
 - 3. Delhi
 - 4. Madras

Question ID : 6549789450
Status : Answered
Chosen Option : 2

Q.19 Who among the following is NOT a part of the committee, which is constructed to provide suggestions to the Prime Minister regarding the appointment of a chief commissioner of Central Information Commission?

- Ans
- 1. Speaker of the Lok Sabha
 - 2. A Union Cabinet Minister appointed by Prime Minister
 - 3. Leader of Opposition in Lok Sabha
 - 4. Prime Minister

Question ID : 6549787732
Status : Not Answered
Chosen Option : --

Q.20 Which of the following rivers is a tributary of Krishna River?

- Ans
- 1. Bhavani
 - 2. Tungabhadra
 - 3. Hemavati
 - 4. Amravati

Question ID : 6549787727
Status : Answered
Chosen Option : 2

Q.21 To which of the following states does the dance drama 'Khyal' belong?

- Ans
- 1. Rajasthan
 - 2. Gujarat
 - 3. Madhya Pradesh
 - 4. Punjab

Question ID : 6549787714
Status : Not Answered
Chosen Option : --

Q.22 In Indian history who were referred to as the 'atavika rajya'?

- Ans
- 1. South Indian kingdom
 - 2. Republican state
 - 3. Forest kingdom
 - 4. Mughal empire

Question ID : 6549789445
Status : Not Answered
Chosen Option : --

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TN



AP & Telangana



Haryana



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Q.23 Which of the following ministries launched the e-Sampada mobile app in December 2020?

- Ans
- 1. Ministry of Housing and Urban Affairs
 - 2. Ministry of Agriculture and Farmers' Welfare
 - 3. Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy
 - 4. Ministry of Home Affairs

Question ID : 6549787717
Status : Not Answered
Chosen Option : --

Q.24 Where in India will you find India's largest tulip garden?

- Ans
- 1. Munsiyari
 - 2. Srinagar
 - 3. Lansdowne
 - 4. Dehradun

Question ID : 6549789441
Status : Not Answered
Chosen Option : --

Q.25 Which of the following festivals is celebrated for fertility and better fortune in Jharkhand?

- Ans
- 1. Karam
 - 2. Sarhul
 - 3. Sohrai
 - 4. Jawa

Question ID : 6549789432
Status : Not Answered
Chosen Option : --