Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	10/03/2023
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Select the most appropriate meaning of the given idiom.
Ace in the hole

Ans ✗ 1. To create noisy disturbances so that competitors are unable to work.

✓ 2. A major advantage that one keeps hidden until an ideal time.

✗ 3. To attempt to do the impossible.

✗ 4. To suffer an injury on the lower body.

Question ID : **264330125854**
Status : **Answered**
Chosen Option : **1**

Q.2 Choose the word that means the same as the given word.
Calibrate

Ans ✗ 1. Gauze

✗ 2. Assail

✓ 3. Gauge

✗ 4. Affront

Question ID : **264330124312**
Status : **Answered**
Chosen Option : **3**

Q.3 Fill in the blank with an appropriate option.
The social _____ is going to meet with all of us tomorrow with the plans so we can make a decision.

Ans ✗ 1. army

✓ 2. worker

✗ 3. toddler

✗ 4. labour

Question ID : **264330124677**
Status : **Answered**
Chosen Option : **2**

Q.4 Parts of the following sentence are given as options. Identify the part that contains a grammatical error. If there is no error, select 'No error'.
He has been / told many a times to / mind his manners.

Ans ✗ 1. No error

✗ 2. He has been

✓ 3. told many a times to

✗ 4. mind his manners.

Question ID : **264330125840**
Status : **Answered**
Chosen Option : **3**

Q.5 Fill in the blank with an appropriate option.
In humans, lack of sleep leads to _____ memory and reduced cognitive abilities.

Ans ✗ 1. attended

✓ 2. impaired

✗ 3. thankless

✗ 4. witnessed

Q.6 The given sentence is in active voice. Change the voice of the sentence. Select the correct option from the sentences given in options.
The story explores the conflicting range of human emotions.

Ans ✗ 1. The conflicting range of human emotions had explored by the story.

✗ 2. The conflicting range of human emotions did explored by the story.

✓ 3. The conflicting range of human emotions is explored by the story.

✗ 4. The conflicting range of human emotions has explored by the story.

Q.7 Some parts of one or more sentences have been jumbled up, and labelled A, B, C and D. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.
At Paris, just after dark
A. of meditation and a meerschaum, in company
B. one gusty evening in the autumn
C. of 18, I was enjoying the twofold luxury
D. with my friend Auguste Dupin, in his little back library

Ans ✗ 1. CDBA

✗ 2. ADBC

✓ 3. BCAD

✗ 4. DCBA

Q.8 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I just don't like the themes of todays music.

Ans ✗ 1. No error

✗ 2. I just don't

✗ 3. like the themes of

✓ 4. todays music.

Q.9 Select the most appropriate one-word substitution for the given group of words.
A man who is womanish in his habits

Ans ✔ 1. Effeminate

✘ 2. Indictment

✘ 3. Hooch

✘ 4. Infidel

Question ID : **264330125805**
Status : **Marked For Review**
Chosen Option : **4**

Q.10 Rearrange the parts of the sentence in correct order.
P. more stringent mobility control and physical distancing policies
Q. East Asian governments (except for Japan) implemented
R. as well as more comprehensive testing, tracing
S. and isolation policies since the early stages

Ans ✘ 1. PSRQ

✔ 2. QPRS

✘ 3. PRSQ

✘ 4. QSPR

Question ID : **264330124612**
Status : **Answered**
Chosen Option : **2**

Q.11 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Over and above

Ans ✘ 1. Above all

✘ 2. To sum up the conversation

✔ 3. In addition to

✘ 4. Highest rank

Question ID : **264330124617**
Status : **Answered**
Chosen Option : **1**

Q.12 Fill in the blank with an appropriate option.
In this engineering design project you will learn how to build an infinity mirror, with built-in lights that make the mirror look like a deep _____ with no end.

Ans ✔ 1. tunnel

✘ 2. lodge

✘ 3. funeral

✘ 4. signal

Question ID : **264330124210**
Status : **Answered**
Chosen Option : **4**

Q.13 Choose the word that can substitute the given group of words.
Book giving information about everything

Ans ✘ 1. Dictionary

✔ 2. Encyclopedia

✘ 3. Phonebook

✘ 4. Thesis

Question ID : **264330124231**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the word that is closest in meaning (SYNONYM) to the word given below.
WHIMSICAL

Ans ✗ 1. WEAK

✗ 2. RESPECTFUL

✗ 3. HUMILIATED

✓ 4. FUNNY

Question ID : **264330125782**
Status : **Answered**
Chosen Option : **3**

Q.15 Choose the word that means the same as the given word.
Instigate

Ans ✗ 1. Deterrence

✗ 2. Settle

✓ 3. Raise

✗ 4. Complaisance

Question ID : **264330124623**
Status : **Answered**
Chosen Option : **4**

Q.16 Choose the word that is opposite in meaning to the given word.
Inept

Ans ✗ 1. Wanting

✓ 2. Competent

✗ 3. Barred

✗ 4. Callow

Question ID : **264330124277**
Status : **Answered**
Chosen Option : **2**

Q.17 Choose the incorrectly spelt word.

Ans ✗ 1. Practical

✗ 2. Glowing

✗ 3. Released

✓ 4. Frighter

Question ID : **264330124619**
Status : **Answered**
Chosen Option : **4**

Q.18 Choose the sentence with no spelling error.

Ans ✓ 1. The joy definitely lies in cooking for others.

✗ 2. The joy definitely lyes in cooking for others.

✗ 3. The joy defintely lies in cooking for others.

✗ 4. The joy definitely lies in cokking for others.

Question ID : **264330124620**
Status : **Answered**
Chosen Option : **1**

Q.19 Choose the word that can substitute the given group of words.
A lover of oneself, of one's advancement

Ans ✗ 1. Philistine

✗ 2. Mercenary

✗ 3. Cynic

✓ 4. Egoist

Question ID : **264330124335**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the correct indirect form of the given sentence.
Gloria said, "His relatives are landing tomorrow."

Ans ✗ 1. Gloria said that his relatives are landing the next day.

✗ 2. Gloria said that his relatives were landing the previous day.

✓ 3. Gloria said that his relatives were landing the next day.

✗ 4. Gloria said that his relatives have been landing the next day.

Question ID : **264330124602**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
People may seek fashion as part of (1) _____ they are and may want to be a fashion lover, which may lead them to spend more time (2) _____ out the latest fashion trends and more money than others on fashion products. We all know the good feeling that goes (3) _____ walking out of a store with a new shade of lipstick or after ordering a killer pair of boots online. They call it retail therapy for a reason, and more than one scientific study has (4) _____ its effectiveness. Shopping takes time and concentration, whether it is being done online (5) _____ in your favourite store.

SubQuestion No : 21

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

Ans ✗ 1. which

✗ 2. whom

✗ 3. whose

✓ 4. who

Question ID : **264330124606**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
People may seek fashion as part of (1) _____ they are and may want to be a fashion lover, which may lead them to spend more time (2) _____ out the latest fashion trends and more money than others on fashion products. We all know the good feeling that goes (3) _____ walking out of a store with a new shade of lipstick or after ordering a killer pair of boots online. They call it retail therapy for a reason, and more than one scientific study has (4) _____ its effectiveness. Shopping takes time and concentration, whether it is being done online (5) _____ in your favourite store.

SubQuestion No : 22

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

Ans   ✖ 1. freaking

   ✔ 2. seeking

   ✖ 3. doing

   ✖ 4. making

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
People may seek fashion as part of (1) _____ they are and may want to be a fashion lover, which may lead them to spend more time (2) _____ out the latest fashion trends and more money than others on fashion products. We all know the good feeling that goes (3) _____ walking out of a store with a new shade of lipstick or after ordering a killer pair of boots online. They call it retail therapy for a reason, and more than one scientific study has (4) _____ its effectiveness. Shopping takes time and concentration, whether it is being done online (5) _____ in your favourite store.

SubQuestion No : 23

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

Ans   ✖ 1. off in

   ✖ 2. within

   ✖ 3. up in

   ✔ 4. along with

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
People may seek fashion as part of (1) _____ they are and may want to be a fashion lover, which may lead them to spend more time (2) _____ out the latest fashion trends and more money than others on fashion products. We all know the good feeling that goes (3) _____ walking out of a store with a new shade of lipstick or after ordering a killer pair of boots online. They call it retail therapy for a reason, and more than one scientific study has (4) _____ its effectiveness. Shopping takes time and concentration, whether it is being done online (5) _____ in your favourite store.

SubQuestion No : 24

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

Ans   ✖ 1. held back

   ✖ 2. summed up

   ✔ 3. backed up

   ✖ 4. sold on

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
People may seek fashion as part of (1) _____ they are and may want to be a fashion lover, which may lead them to spend more time (2) _____ out the latest fashion trends and more money than others on fashion products. We all know the good feeling that goes (3) _____ walking out of a store with a new shade of lipstick or after ordering a killer pair of boots online. They call it retail therapy for a reason, and more than one scientific study has (4) _____ its effectiveness. Shopping takes time and concentration, whether it is being done online (5) _____ in your favourite store.

SubQuestion No : 25

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

Ans ✗ 1. if

✗ 2. and

✓ 3. or

✗ 4. so

Section : **General Intelligence**

Q.1 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)

Ans ✗ 1. 3846 – 4856

✗ 2. 4892 – 5902

✓ 3. 4328 – 5348

✗ 4. 3264 – 4274

Q.2 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

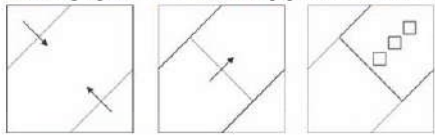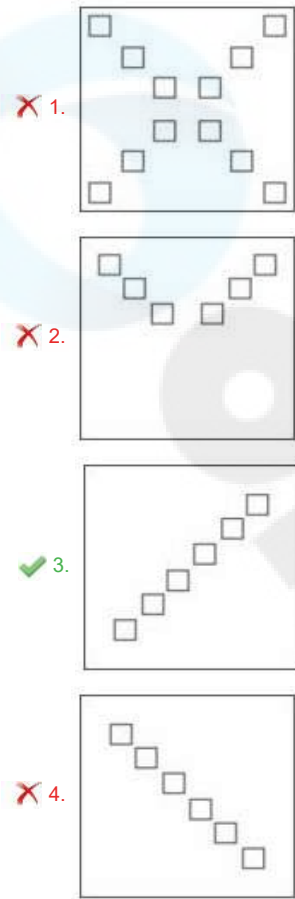**Ans**

   ✗ 1.

   ✗ 2.

   ✔ 3.

   ✗ 4.

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

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.4 In a certain code language, 'WENT' is coded as '2769', 'CORN' is coded as '8941', 'TIRE' is coded as '4652', 'OATS' is coded as '2380'. What is the code for 'OAI' in that code language?

Ans ✗ 1. 905

✗ 2. 836

✗ 3. 935

✔ 4. 835

Q.5 By Interchanging the given two numbers (Not digits) which of the following equation will be correct?
4 and 6

Ans ✘ 1. $18 \times 7 \div 6 - 4 = 17$

✘ 2. $4 + 6 \times 2 - 3 = 9$

✔ 3. $6 \div 2 - 4 \times 3 = -16$

✘ 4. $6 \div 3 + 9 - 4 = 7$

Q.6 Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given 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)
(58, 29, 174)
(62, 33, 190)

Ans ✘ 1. (68, 43, 140)

✘ 2. (44, 17, 172)

✘ 3. (52, 13, 244)

✔ 4. (74, 31, 210)

Q.7 Select the figure from the given options that can replace the question mark (?) in the following series.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.8 एक लड़के की तस्वीर की ओर इशारा करते हुए मोहन ने कहा, "वह मेरी माँ के पति का भाई है"। वह लड़का मोहन से किस प्रकार संबंधित है?

Ans ✖ 1. ससुर

✖ 2. भतीजा

✖ 3. पुत्र

✔ 4. चाचा

Question ID : **264330127277**
Status : **Answered**
Chosen Option : **4**

Q.9 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 fifth number is related to sixth number.
12 : 216 :: ? : 729 :: 24 : 1728

Ans ✖ 1. 12

✖ 2. 16

✔ 3. 18

✖ 4. 9

Question ID : **264330126941**
Status : **Answered**
Chosen Option : **3**

Q.10 In the given word pairs, the first word is related to the second word following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.
Asthma : Lungs

Ans ✖ 1. Arthritis : Heart

✖ 2. Liver : Anxiety

✖ 3. Conjunctivitis : Ears

✔ 4. Cataract : Eyes

Question ID : **264330127478**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
1. Conclude
2. Constitution
3. Connect
4. Consent
5. Consign

Ans ✖ 1. 1, 3, 5, 4, 2

✖ 2. 1, 2, 3, 4, 5

✔ 3. 1, 3, 4, 5, 2

✖ 4. 1, 3, 4, 2, 5

Question ID : **264330127546**
Status : **Answered**
Chosen Option : **3**

Q.12 Words given on the left side of (::) are related with each other by some Logic/Rule/Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.
Chapter : Book :: Seat belt : ?

Ans ✗ 1. Circle

✗ 2. Blade

✓ 3. Car

✗ 4. Sew

Q.13 In the following question, select the related letters from the given alternatives.
**ZM : XK :: YL : ?**

Ans ✗ 1. YJ

✗ 2. RJ

✓ 3. WJ

✗ 4. XJ

Q.14 Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(38, 172, 314)
(42, 176, 318)

Ans ✗ 1. (56, 190, 330)

✗ 2. (12, 136, 278)
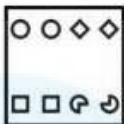
✓ 3. (18, 152, 294)

✗ 4. (32, 166, 318)

Q.15 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?
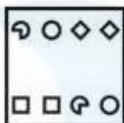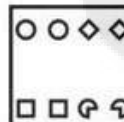

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
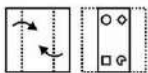
Question ID : **264330127261**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_ bc _ efa _ cd _ fa _ c _ ef _ bc _ ef
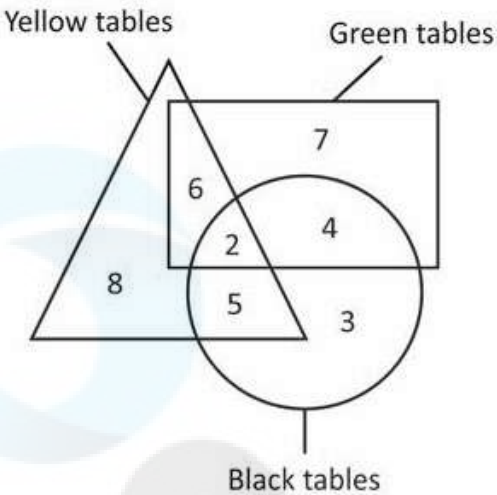
Ans ✗ 1. abbebdad

✗ 2. adbebbad

✔ 3. adbebdad

✗ 4. addebdad

Question ID : **264330127276**
Status : **Answered**
Chosen Option : **3**

Q.17 How many black tables are there?

Yellow tables
Green tables

7
6
2 4
8 5
3

Black tables

Ans ✗ 1. 9

✗ 2. 8

✗ 3. 7

✓ 4. 14

Q.18 In a certain code language, 'ENDED' is coded as 'GRJMN'. What is the code for 'PLAYS' in that code language?

Ans ✗ 1. RPFFC

✓ 2. RPGGC

✗ 3. RPGGD

✗ 4. RDGFC

Q.19 In the following question some statements are given, 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. No J is R
II. No R is C.

Conclusions:
I. All J are C.
II. Some R are J.
III. All C are R.

Ans ✗ 1. Only conclusion I follows

✗ 2. Only conclusion III follows

✗ 3. Only conclusion II follows

✓ 4. None of the conclusion follows

Q.20 Three of the following words are alike in a certain way and one is different. Pick the word that is different from the rest.

Ans ✔ 1. Geology

✘ 2. Neurology

✘ 3. Dermatology

✘ 4. Gynaecology

Question ID : **264330127555**
Status : **Answered**
Chosen Option : **1**

Q.21 In the following question, select the odd letter/letters from the given alternatives.

Ans ✘ 1. JJLP

✔ 2. DDFK

✘ 3. TTVZ

✘ 4. RRTX

Question ID : **264330127279**
Status : **Answered**
Chosen Option : **2**

Q.22 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

Ans

✘ 1.

✔ 2.

✘ 3.

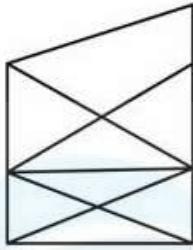✘ 4.

Question ID : **264330127087**
Status : **Answered**
Chosen Option : **2**

Q.23 If 40 @ 2 # 3 = 83 and 60 @ 2 # 5 = 125, then 39 # 13 @ 5 = ?

Ans ✘ 1. 122

✘ 2. 114

✘ 3. 138

✔ 4. 104

Question ID : **264330127039**
Status : **Answered**
Chosen Option : **4**

Q.24 How many triangles are there in the given figure?

Ans
✗ 1. 18

✗ 2. 12

✗ 3. 14

✓ 4. 16

Q.25 In the following question, select the missing number from the given series.
61, 88, 142, 223, 331, ?

Ans
✓ 1. 466

✗ 2. 468

✗ 3. 472

✗ 4. 476

Section : **Quantitative Aptitude**

Q.1 P alone can complete a piece of work in 10 days while Q alone can complete the same piece of work in 15 days. To complete the work in 4 days, R is hired by P and Q. How many days does R take to complete the work alone ?

Ans
✗ 1. 6 days

✗ 2. 8 days

✗ 3. 9 days

✓ 4. 12 days

Q.2 The following bar graph shows the distribution (in kg) of Sugar, Wheat and Suji, sold by four shops 1,2,3 and 4, on 1st September 2021.

The quantity of wheat sold by shop 1, shop 3 and shop 4 together is what percentage of the total sugar sold by all 4 shops ?
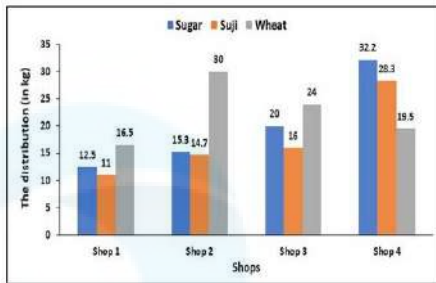
Ans

✔ 1. 75%

✘ 2. 65%

✘ 3. 68%

✘ 4. 72%

Q.3

If $\theta = 45$ degree, then what is the value of $2 \, \csc^2 \theta + 3 \, \sec^2 \theta$?

Ans

✔ 1. 10

✘ 2. 5

✘ 3. 9

✘ 4. 8

Q.4 The table given below shows the salary of 6 employees of a company.

Employees	Salary
L	350
M	800
N	500
O	400
P	600
Q	450

What is the ratio of salary of L and M together to the salary of P and Q together?

Ans

✔ 1. 23 : 21

✘ 2. 17 : 18

✘ 3. 4 : 23

✘ 4. 23 : 19

Q.5 Of the 5 subjects, the average marks of Rakesh in first 3 subjects was 75 and the average marks in the last 3 subjects was 82. If his marks in the third subject was 66, then what was his average marks in all the 5 subjects?

Ans
- ✗ 1. 76
- ✗ 2. 84
- ✗ 3. 80
- ✓ 4. 81

Question ID : **264330128267**
Status : **Answered**
Chosen Option : **4**

Q.6 The sum of three consecutive even numbers is 126. What is the product of the smallest and the largest numbers?

Ans
- ✗ 1. 1840
- ✗ 2. 1950
- ✓ 3. 1760
- ✗ 4. 1620

Question ID : **264330128281**
Status : **Answered**
Chosen Option : **3**

Q.7 Sides of a triangle are 12 cm, 9 cm and 9 cm. What is the radius of the circumcircle of this triangle?

Ans
- ✗ 1. $181/\sqrt{5}$
- ✗ 2. $27/\sqrt{5}$
- ✓ 3. $(27\sqrt{5})/10$
- ✗ 4. $54/\sqrt{5}$

Question ID : **264330128276**
Status : **Answered**
Chosen Option : **3**

Q.8 Three circles of radius 7 cm are placed in such a way that each circle touches the other two. What will be the area of the portion enclosed by these three circles?

Ans
- ✓ 1. $49\sqrt{3} - 77 \text{ cm}^2$
- ✗ 2. $40\sqrt{3} - 66 \text{ cm}^2$
- ✗ 3. $50\sqrt{3} - 66 \text{ cm}^2$
- ✗ 4. $55\sqrt{3} - 77 \text{ cm}^2$

Question ID : **264330128266**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 The profit earned by selling a jacket for Rs. 9610 is equal to the loss incurred by selling the same jacket for Rs. 7690. What should be the selling price of the jacket to earn 10 percent profit?

Ans ✗ 1. Rs. 9256

✗ 2. Rs. 9275

✗ 3. Rs. 9416

✔ 4. Rs. 9515

Question ID : **264330127945**
Status : **Answered**
Chosen Option : **4**

Q.10 Weight of Ayush and Abhishek are in the ratio of 8 : 5. Abhishek's weight increases by 40 percent and total weight of Ayush and Abhishek both increases by 60 percent. If total weight becomes 104 kg, then what is the weight of Ayush after the increment?

Ans ✗ 1. 60 kg

✗ 2. 75 kg

✔ 3. 69 kg

✗ 4. 72 kg

Question ID : **264330128269**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.11 If $\frac{(15)^3+(4)^3}{(15^2+4^2-k)} = 19$, then what is the value of K?

Ans ✗ 1. −60

✗ 2. 120

✔ 3. 60

✗ 4. −120

Question ID : **264330127954**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following is the smallest among $(14)^{\frac{1}{3}}, (12)^{\frac{1}{2}}, (16)^{\frac{1}{6}} \& (25)^{\frac{1}{12}}$?

Ans ✗ 1. $(14)^{\frac{1}{3}}$

✔ 2. $(25)^{\frac{1}{12}}$

✗ 3. $(16)^{\frac{1}{6}}$

✗ 4. $(12)^{\frac{1}{2}}$

Question ID : **264330127730**
Status : **Answered**
Chosen Option : **2**

Q.13 In a mixture, milk and water are in ratio of 1 : 4. Some milk is added to the mixture because of which ratio of milk and water becomes 2 : 1. How much milk was added as a percentage of initial mixture?

Ans
- ✔ 1. 140 percent
- ✘ 2. 700 percent
- ✘ 3. 240 percent
- ✘ 4. 400 percent

Question ID : **264330128271**
Status : **Answered**
Chosen Option : **2**

Q.14 The marked price of an article is 20 percent more than its cost price. What maximum discount percentage can be offered by the shopkeeper to sell his article so that there is no loss?

Ans
- ✔ 1. 16.66 percent
- ✘ 2. 12.56 percent
- ✘ 3. 15.33 percent
- ✘ 4. 13.33 percent

Question ID : **264330127943**
Status : **Answered**
Chosen Option : **1**

Q.15 If $x^2 + \frac{1}{x^2} = 38$, then what is the value of $x - \frac{1}{x}$?

Ans
- ✔ 1. 6
- ✘ 2. 7
- ✘ 3. 8
- ✘ 4. 10

Question ID : **264330128053**
Status : **Answered**
Chosen Option : **1**

Q.16 What is the value of an angle subtended by a chord at the centre of the circle, if the angle subtended by this chord at the circumference is 66° ?

Ans
- ✘ 1. 90°
- ✘ 2. 66°
- ✔ 3. 132°
- ✘ 4. 33°

Question ID : **264330128373**
Status : **Answered**
Chosen Option : **3**

Q.17 If $a + b + c = 0$, then what is the value of $a^3 + b^3 + c^3$?

Ans ✗ 1. abc

✗ 2. $2abc$

✗ 3. $4abc$

✓ 4. $3abc$

Q.18 If $\sin \theta = \sqrt{3} \cos \theta$, then what is the value of $\dfrac{3 \sin^2 \theta + \cos \theta}{2 \cos \theta + 5}$?
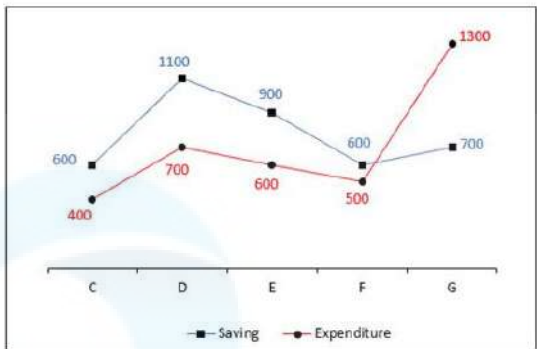
Ans ✗ 1. 19/25

✗ 2. 18/5

✓ 3. 11/24

✗ 4. 3/2

Q.19 If $\sin (C + D) = \sqrt{3}/2$ and $\sec (C - D) = 2/\sqrt{3}$ then what is the value of C and D?

Ans ✓ 1. 45 degree and 15 degree

✗ 2. 30 degree and 30 degree

✗ 3. 15 degree and 30 degree

✗ 4. 60 degree and 30 degree

Q.20 The line chart given below shows the saving and expenditure of 5 companies C, D, E, F and G.

Income = Saving + Expenditure

What is the ratio of total expenditure to the total incomes of all the companies?

Ans
  ✗ 1. 31 : 71
  ✗ 2. 74 : 35
  ✗ 3. 71 : 31
  ✔ 4. 35 : 74

Q.21 Nutan gets two offers of loan from a bank and an app. The app offered Rs.10,000 at 15 Percent per annum compounded annually for 2 years and the bank offered the same amount at the same rate and for the same time but on simple interest. Find the difference between the interests.

Ans
  ✗ 1. Rs.375
  ✗ 2. Rs.400
  ✗ 3. Rs.250
  ✔ 4. Rs.225

Q.22 The bar graph given below shows the number of male teacher and female teachers in 5 schools.
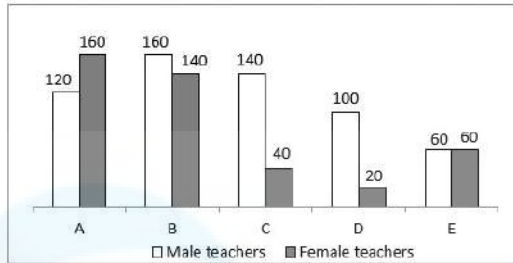
K1 = The total number of male teachers in all the 5 schools.

K2 = The total number of female teachers in all the 5 schools.

What is the value of (K1 – K2)?

Ans ✔ 1. 160

✗ 2. 140

✗ 3. 180

✗ 4. 200

Q.23 Length of direct common tangent is 24 cm for two circles whose radii are 16 cm and 6 cm. What is the distance between their centres?

Ans ✔ 1. 26 cm

✗ 2. 23 cm

✗ 3. 28 cm

✗ 4. 32 cm

Q.24 Radius of a circle is 18 cm. Angle made by chord AB at the centre of this circle is 60 degree. What is the length of this chord?

Ans ✗ 1. 36 cm

✔ 2. 18 cm

✗ 3. 27 cm

✗ 4. 9 cm

Q.25 Vivek starts moving at the speed of 70 km/hr at 8:00 am. Neeraj starts moving in the same direction after 4 hours of Vivek at the speed of 120 km/hr. Which of the following statement(s) is/are correct?
I. Neeraj and Vivek meet each other at 5:36 pm.
II. Total distance covered by both Neeraj and Vivek till 4 pm is 1080 km.

Ans ✗ 1. Neither I nor II

✗ 2. Only II

✗ 3. Both I and II

✔ 4. Only I

Q.1 Which article of the Indian constitution is related with the Separation of judiciary from executive?

Ans ✗ 1. 41

✗ 2. 51

✗ 3. 40

✓ 4. 50

Question ID : **264330125053**
Status : **Answered**
Chosen Option : **4**

Q.2 World Bank approved USD 350 million aid in May 2022 for the "Systems Reform Endeavors for Transformed Health Achievement" (SRESTHA) for _____ state in India.

Ans ✓ 1. Gujarat

✗ 2. Punjab

✗ 3. Himachal Pradesh

✗ 4. Bihar

Question ID : **264330125638**
Status : **Not Answered**
Chosen Option : **--**

Q.3 The _____ of a ray is the angle measured from the reflected ray to the normal surface.

Ans ✗ 1. Angle of Diffusion

✓ 2. Angle of Reflection

✗ 3. Angle of Incidence

✗ 4. Angle of Refraction

Question ID : **264330125367**
Status : **Answered**
Chosen Option : **2**

Q.4 _____ won the Japanese Formula 1 Grand Prix 2022.

Ans ✗ 1. Charles Leclerc

✗ 2. Sergio Perez

✓ 3. Max Verstappen

✗ 4. Carlos Sainz Jr.

Question ID : **264330125581**
Status : **Answered**
Chosen Option : **3**

Q.5 Which city existed in the Indus valley civilization?

Ans ✗ 1. Dwarka

✓ 2. Harappa

✗ 3. Sanchi

✗ 4. Muziris

Question ID : **264330125374**
Status : **Answered**
Chosen Option : **2**

Q.6 The JALDOOT application launched in September 2022 is used by Gram Rojgar Sahyak to measure _____.

Ans ✗ 1. Rainfall

✓ 2. water level in well

✗ 3. crop yield

✗ 4. Humidity

Question ID : **264330125712**
Status : **Not Answered**
Chosen Option : **--**

Q.7 In which year was the Arms Act passed in India?

Ans ✗ 1. 1951

✗ 2. 1955

✓ 3. 1959

✗ 4. 1964

Question ID : **264330125379**
Status : **Not Answered**
Chosen Option : **--**

Q.8 _____ is the key circuit board holding the essential processing parts of a computer.

Ans ✗ 1. Firmware

✗ 2. Central Processing Unit

✗ 3. Random Access Memory

✓ 4. Motherboard

Question ID : **264330125359**
Status : **Answered**
Chosen Option : **4**

Q.9 Which is the highest plateau in the world?

Ans ✗ 1. East African Plateau

✗ 2. Deccan plateau

✗ 3. Western plateau

✓ 4. Tibet plateau

Question ID : **264330124920**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which of the following is not a regional name for East Coast (or part of it) of India?

Ans ✗ 1. Coromandel Coast

✗ 2. Tamil Nadu coast

✗ 3. Utkal coast

✓ 4. Malabar Coast

Question ID : **264330125720**
Status : **Not Answered**
Chosen Option : **--**

Q.11 _____ is an ancient martial art that originated in peninsular India as a part of military training for warriors.

Ans ✗ 1. Gatka

✗ 2. Muay Thai

✓ 3. Kalaripayattu

✗ 4. Karate

Question ID : **264330125657**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In October 2022, which among the following substances was mapped in abundance for the first time, by Chandrayaan-2, on moon?

Ans ✗ 1. Hydrogen

✗ 2. Chlorine

✗ 3. Oxygen

✓ 4. Sodium

Question ID : **264330125639**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Davis Cup is related with which of the following sports?

Ans ✗ 1. Table Tennis

✗ 2. Cricket

✗ 3. Basketball

✓ 4. Tennis

Question ID : **264330125230**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Who wrote the famous novel "Durgeshnandini"?

Ans ✗ 1. Rabindranath Tagore

✗ 2. Ishwar Chandra Vidyasagar

✓ 3. Bankim Chandra Chatterjee

✗ 4. Sarat Chandra Chattopadhyay

Question ID : **264330125652**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which among the following is correct about Reverse Repo Rate?

Ans ✗ 1. Reverse Repo Rate is a state in which the Value of Money is Falling and the Prices are rising, over a period of time.

✓ 2. When bank deposit it's excess money in RBI then RBI provides some interest to that bank. This interest is known as Reverse Repo Rate.

✗ 3. When RBI provides a loan to the bank for short-term between 1 to 90 days, RBI takes some interest from the bank which is termed as Reverse Repo Rate.

✗ 4. When the money is borrowed or lent for more than a day up to 14 days it is called Reverse Repo Rate.

Question ID : **264330125641**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The plains from Ambala to the Sunderban stretch over nearly 1800 km, but the fall in its slope is hardly _____ metres.

Ans ✖ 1. 550

✔ 2. 300

✖ 3. 600

✖ 4. 450

Question ID : **264330125047**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In which of the following modes of data transmission, can the data flow in both directions but in only one direction at a time?

Ans ✔ 1. Half-duplex

✖ 2. Simplex

✖ 3. Full-duplex

✖ 4. Quarter-duplex

Question ID : **264330125033**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which among the following is the highest peak in India?

Ans ✔ 1. Kanchenjunga

✖ 2. Nanga Parbat

✖ 3. Nanda Devi

✖ 4. Namcha Barwa

Question ID : **264330125648**
Status : **Answered**
Chosen Option : **1**

Q.19 In October 2022, according to UN Multidimensional Poverty Index (MPI), which country has the largest number of poor people worldwide?

Ans ✖ 1. Nigeria

✖ 2. Indonesia

✖ 3. Pakistan

✔ 4. India

Question ID : **264330124912**
Status : **Answered**
Chosen Option : **3**

Q.20 Neelima performs Kalbeliya dance form. Which state does this dance form belong to?

Ans ✖ 1. Punjab

✔ 2. Rajasthan

✖ 3. Uttarakhand

✖ 4. Odisha

Question ID : **264330125410**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following music instruments are solid instruments?

Ans
  ✗ 1. Tata Vadya

  ✓ 2. Ghana Vadya

  ✗ 3. Avanaddha Vadya

  ✗ 4. Sushira Vadya

Question ID : **264330125061**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Pradhan Mantri Jan Arogya Yojana (PM-JAY) is the ambitious program launched by Government of India in 2018 to provide _____ access to the most vulnerable sections.

Ans
  ✓ 1. healthcare

  ✗ 2. services

  ✗ 3. agricultural

  ✗ 4. industrial

Question ID : **264330125365**
Status : **Answered**
Chosen Option : **1**

Q.23 A ball possesses 3000 units of momentum. What would be the ball's new momentum if its velocity was doubled?

Ans
  ✗ 1. 3000 units

  ✓ 2. 6000 units

  ✗ 3. 20000 units

  ✗ 4. 9000 units

Question ID : **264330125369**
Status : **Answered**
Chosen Option : **2**

Q.24 Who among the following appointed Aziz Khummar a wine distiller to high administrative post?

Ans
  ✗ 1. Alauddin Khalji

  ✓ 2. Muhammad Tughluq

  ✗ 3. Jalaluddin Khalji

  ✗ 4. Firuz Shah Tughluq

Question ID : **264330125050**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which among the following is a bacterial disease?

Ans
  ✗ 1. Rabies

  ✓ 2. Leprosy

  ✗ 3. Malaria

  ✗ 4. Ebola

Question ID : **264330125643**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**