Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Informatic Computer Education. Patliputra
Exam Date	31/05/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
She will be / write her / examination by this / time tomorrow.

Ans ✗ 1. examination by this

✗ 2. time tomorrow

✗ 3. She will be

✓ 4. write her

Question ID : **26433042844**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the option that can be used as a one-word substitute for the given group of words.**
Something that is pertaining to controversy

Ans ✗ 1. Poignancy

✗ 2. laudatory

✗ 3. Putative

✓ 4. Polemical

Question ID : **26433043129**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate option to fill in the blank.**
The children sat _____ the tables instead of the chairs.

Ans ✗ 1. above

✗ 2. near

✓ 3. on

✗ 4. in

Question ID : **26433039704**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the option that can be used as a one-word substitute for the given group of words.**
A person as a source of intellectual light or moral inspiration

Ans ✗ 1. Lurch

✓ 2. Luminary

✗ 3. Luminaire

✗ 4. Lunette

Question ID : **26433040112**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the most appropriate ANTONYM of the given word.

Impudent

Ans ❌ 1. Insolent

❌ 2. Confident

❌ 3. Triumphant

✅ 4. Polite

Question ID : **26433040010**
Status : **Answered**
Chosen Option : **1**

Q.6 Complete the sentence with an appropriate synonym of the word mentioned in the bracket.
Watching the setting sun and the _____ (tranquil) surface of the water relaxes my mind.

Ans ✅ 1. calm

❌ 2. unsettled

❌ 3. moving

❌ 4. roaring

Question ID : **26433045445**
Status : **Answered**
Chosen Option : **1**

Q.7 Select the INCORRECTLY spelt word

Ans ❌ 1. Wit

❌ 2. Witch

❌ 3. Wish

✅ 4. Whipe

Question ID : **26433043093**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the INCORRECTLY spelt word.

Ans ✅ 1. Wisedom

❌ 2. Freedom

❌ 3. Boredom

❌ 4. Kingdom

Question ID : **26433039806**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the most appropriate option to fill in the blank.

We love to go to the _____.

Ans ✅ 1. sea

❌ 2. she

❌ 3. saw

❌ 4. see

Question ID : **26433042791**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the most appropriate meaning of the given idiom.
To pay lip service

Ans ✔ 1. To express loyalty, respect, or support for something insincerely

✘ 2. To face a risk

✘ 3. To pretend to be very old

✘ 4. To ignore what someone is saying

Question ID : **26433043137**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option that will improve the underlined part of the given sentence.
Rhea and Heena are both great dancers,but Rhea is the best.

Ans ✘ 1. but Rhea is one of the best

✔ 2. but Rhea is better

✘ 3. and yet both of are equally good at it

✘ 4. but Rhea is good

Question ID : **26433042999**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the option that expresses the given sentence in passive voice.
In the theatre, the audience threw flowers on the screen.

Ans ✔ 1. In the theatre, flowers were thrown by the audience.

✘ 2. In the theatre, flowers had been thrown by the audience.

✘ 3. In the theatre, flowers was thrown by the audience.

✘ 4. In the theatre, flowers are thrown by the audience.

Question ID : **26433039712**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the most appropriate option that can substitute the underlined part in the given sentence.

This rule is necesary to maintain discipline.

Ans ✘ 1. nacessary

✘ 2. necessery

✔ 3. necessary

✘ 4. neccessary

Question ID : **26433042788**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the INCORRECTLY spelt word.

Ans ✘ 1. Trustworthy

✘ 2. Bonafide

✔ 3. Solusion

✘ 4. Cultural

Question ID : **26433045528**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the option that can be used as a one-word substitute for the underlined group of words.**
William Shakespeare and Christopher Marlowe, the two great playwrights of the Elizabethan era, were <u>living in the same time period.</u>

Ans ✗ 1. Chauvinists

✗ 2. Cosmopolitans

✓ 3. Contemporaries

✗ 4. Cynics

Question ID : **26433045572**
Status : **Answered**
Chosen Option : **3**

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

Judicious

Ans ✗ 1. Modest

✗ 2. Reserved

✓ 3. Foolish

✗ 4. Authoritative

Question ID : **26433040003**
Status : **Answered**
Chosen Option : **3**

Q.17 **Select the most appropriate meaning of the given idiom.**
Every dog has his day

Ans ✗ 1. Every dog is treated well

✗ 2. Celebration of dogs as man's best friend

✓ 3. Everyone has good luck or success at a point of time

✗ 4. Dogs are faithful animals

Question ID : **26433043196**
Status : **Answered**
Chosen Option : **3**

Q.18 **In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.**
Very carefully I _____ the tree I have referred to, and avoiding contact with the creepers, the upper _____ and leaves of which might have been visible from where the tiger was lying, I climbed to the fork, where I had a comfortable seat and perfect _____.

Ans ✗ 1. stalled, roots, visibility

✗ 2. starved, stem, disclosure

✗ 3. stormed, fruits, revelation

✓ 4. stalked, tendrils, concealment

Question ID : **26433045601**
Status : **Answered**
Chosen Option : **1**

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

Ans ✓ 1. To happen

✗ 2. To explode

✗ 3. To support

✗ 4. To deduce

Question ID : **26433042938**
Status : **Answered**
Chosen Option : **1**

Q.20 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. The Taj Mahal's history is also one of the world's greatest love stories known to everyone.
B. She was the neice of Meherunissa who was married to Prince Salim (later the Empress Nur Jahan.)
C. It all started in 1607, when Mughal Prince Khurram, first laid eyes on the lovely Arjumand Banu Begum.
D. Khurram, the son of Emperor Jahangir, voiced his wish to marry Arjumand, and their marriage was celebrated with great pomp.

Ans ✓ 1. ACBD

✗ 2. ACDB

✗ 3. BACD

✗ 4. ABCD

Question ID : **26433042884**
Status : **Answered**
Chosen Option : **4**

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.
The (1) _____ that comes out of the story The Grasshopper and the Ant has to be subtly put to the children in such a way (2) _____ they realise the worth of hard work, the pleasures of hard work and the comfort it offers. Laziness, which is a (3) _____ trait here, should be discouraged, (4) _____ emphasizing on the (5) _____ note which is hard work.

SubQuestion No : 21

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

Ans ✓ 1. value

✗ 2. enjoyment

✗ 3. morals

✗ 4. ending

Question ID : **26433045821**
Status : **Answered**
Chosen Option : **3**

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.

The (1) _____ that comes out of the story The Grasshopper and the Ant has to be subtly put to the children in such a way (2) _____ they realise the worth of hard work, the pleasures of hard work and the comfort it offers. Laziness, which is a (3) _____ trait here, should be discouraged, (4) _____ emphasizing on the (5) _____ note which is hard work.

SubQuestion No : 22

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

Ans ✔ 1. that

✗ 2. who

✗ 3. whom

✗ 4. which

Question ID : **26433045822**
Status : **Answered**
Chosen Option : **1**

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.

The (1) _____ that comes out of the story The Grasshopper and the Ant has to be subtly put to the children in such a way (2) _____ they realise the worth of hard work, the pleasures of hard work and the comfort it offers. Laziness, which is a (3) _____ trait here, should be discouraged, (4) _____ emphasizing on the (5) _____ note which is hard work.

SubQuestion No : 23

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

Ans ✗ 1. pleasant

✗ 2. positive

✗ 3. horrible

✔ 4. negative

Question ID : **26433045823**
Status : **Answered**
Chosen Option : **4**

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.

The (1) _____ that comes out of the story The Grasshopper and the Ant has to be subtly put to the children in such a way (2) _____ they realise the worth of hard work, the pleasures of hard work and the comfort it offers. Laziness, which is a (3) _____ trait here, should be discouraged, (4) _____ emphasizing on the (5) _____ note which is hard work.

SubQuestion No : 24

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

Ans ✗ 1. yet

✗ 2. thus

✗ 3. but

✔ 4. while

Question ID : **26433045824**
Status : **Answered**
Chosen Option : **2**

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.

The (1) _____ that comes out of the story The Grasshopper and the Ant has to be subtly put to the children in such a way (2) _____ they realise the worth of hard work, the pleasures of hard work and the comfort it offers. Laziness, which is a (3) _____ trait here, should be discouraged, (4) _____ emphasizing on the (5) _____ note which is hard work.

SubQuestion No : 25

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

Ans ✓ 1. positive

✗ 2. important

✗ 3. essential

✗ 4. critical

Question ID : **26433045825**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
25*5*10*2*4*3

Ans ✗ 1. −,+,÷,×,=

✗ 2. ×, ÷,−,+, =

✗ 3. ÷,×,+,−, =

✓ 4. ÷,−,+,×, =

Question ID : **26433040623**
Status : **Answered**
Chosen Option : **4**

Q.2 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.**

Ans ✗ 1. 7 : 392

✗ 2. 9 : 810

✓ 3. 15 : 3150

✗ 4. 12 : 1872

Question ID : **26433043574**
Status : **Answered**
Chosen Option : **3**

Q.3 **Three 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 apples are bananas.
All grapes are bananas.
All bananas are nuts.

Conclusions:
I. All apples are nuts.
II. All grapes are nuts.
III. No nuts are bananas.

Ans ✗ 1. Only conclusion I follows

✗ 2. Only conclusions I and III follow

✔ 3. Only conclusions I and II follow

✗ 4. Only conclusion II follows

Question ID : **26433040734**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

X

Z 1 W 3 T 5

Y

Ans ✗ 1. Ƨ⟘Ɛ⅏⏉⃗Ƨ

✔ 2. Z1W3T5 (mirror)

✗ 3. Z1W3T5 (mirror)

✗ 4. Z1W3T5 (mirror)

@Qmaths

Question ID : **26433040496**
Status : **Answered**
Chosen Option : **2**

Q.5 **Which letter cluster will replace the question mark (?) to complete the given series?**
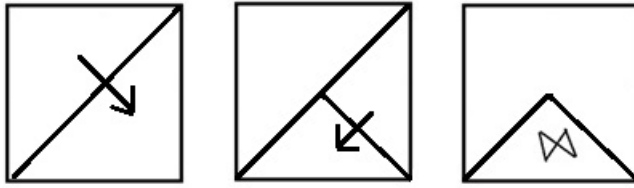**XYZA, YACE,?, AEIM, BGLQ**

Ans ✔ 1. ZCFI

✗ 2. ZCIF

✗ 3. ZCDE

✗ 4. ZCEF

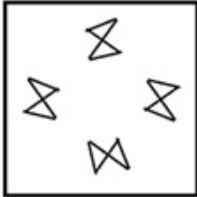Question ID : **26433040628**
Status : **Answered**
Chosen Option : **1**

Q.6 A paper is folded and cut as shown. How will it appear when unfolded?
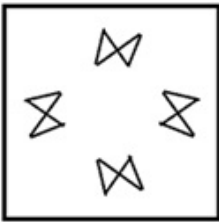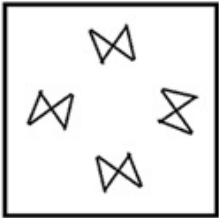

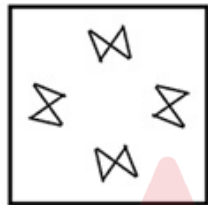Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : 26433045996
Status : **Answered**
Chosen Option : **4**

Q.7 In a certain code language, 'SCHOOL' is written as 'TDIPPM' and 'COLLEGE' is written as 'DPMMFHF'. How will 'UNIVERSITY' be written in that language?

Ans ✗ 1. VJOWSFTJUZ

  ✗ 2. VOJFWSTJUZ

  ✗ 3. VOJWJFSTUZ

  ✓ 4. VOJWFSTJUZ

Question ID : **26433045043**
Status : **Answered**
Chosen Option : **4**

Q.8 कपिल, रजत का भतीजा है। निशा, रजत की मां है। रमेश के केवल दो बच्चे रजत और नीलेश हैं। नीलेश का कपिल से क्या संबंध है?

Ans ✔ 1. पिता
     ✗ 2. भाई
     ✗ 3. भतीजा
     ✗ 4. चाचा

Question ID : 26433045282
Status : **Answered**
Chosen Option : **1**

Q.9 If 26 January 2019 was Saturday, then what was the day of the week on 30 January 2022?

Ans ✗ 1. Monday
     ✔ 2. Sunday
     ✗ 3. Tuesday
     ✗ 4. Saturday

Question ID : 26433040683
Status : **Answered**
Chosen Option : **2**

Q.10 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
ACCURATE : RATEACCU :: ANALYSIS : YSISANAL :: CAPACITY : ?

Ans ✗ 1. CITYPACA
     ✗ 2. YTICAPAC
     ✔ 3. CITYCAPA
     ✗ 4. PACACITY

Question ID : 26433040727
Status : **Answered**
Chosen Option : **3**

Q.11 In a certain code language, "ABROAD" is written as "BDUNYA", and "BECAME" is written as "CGFZKB". How will "CANCER" be written in that language?

Ans ✗ 1. DQCBCO
     ✗ 2. DCQOBC
     ✗ 3. DCQCBO
     ✔ 4. DCQBCO

Question ID : 26433043501
Status : **Answered**
Chosen Option : **4**

Q.12 Which of the following numbers will replace the question mark (?) in the given series?
13, 26, 23, ?, 87, 522

Ans ✗ 1. 95
     ✗ 2. 94
     ✗ 3. 90
     ✔ 4. 92

Question ID : 26433040574
Status : **Answered**
Chosen Option : **4**

Q.13 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

t _ r a s _ t _ s _ a _ _ _ t _ r _ s r t

Ans ✗ 1. s r t r a r t s a

✗ 2. s r a r s r t s a

✗ 3. s r t r s r t s t

✓ 4. s r t r s r t s a

Question ID : **26433043391**
Status : **Answered**
Chosen Option : **4**

Q.14 If P denotes '×', Q denotes '÷', R denotes '+' and S denotes '−', then what will come in place of '?' in the following equation?

130 S 61 R (23 P 4) S 83 R (62 Q 2) = ?

Ans ✗ 1. 120

✓ 2. 109

✗ 3. 115

✗ 4. 104

Question ID : **26433043352**
Status : **Answered**
Chosen Option : **2**

Q.15 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 187, 164, 141
Second row: 215, 192, 169
Third row: 178, 155, ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/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. 129

✗ 2. 131

✗ 3. 123

✓ 4. 132

Question ID : **26433043323**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

X
D E F 6 7 8 |
Y

Ans ✓ 1. ８７６ＦＥＤ

✗ 2. ８７６ＦＥＤ

✗ 3. ６７８ＤＥＦ

✗ 4. ６７８ＤＥＦ

Question ID : **26433040485**
Status : **Answered**
Chosen Option : **1**

Q.17 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, except one. Find that odd number pair.

Ans ✓ 1. 100 : 81

✗ 2. 36 : 16

✗ 3. 49 : 25

✗ 4. 81 : 49

Question ID : **26433039321**
Status : **Answered**
Chosen Option : **1**

Q.18 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?
(40×6) ÷8 + 14 − (7×16) + (13×12) =26

Ans ✗ 1. 40 and 16

✓ 2. 8 and 12

✗ 3. 6 and 12

✗ 4. 14 and 16

Question ID : **26433043370**
Status : **Answered**
Chosen Option : **2**

Q.19 Which number will replace the question mark (?) in the following series?
6, 12, 20, 30, ?, 56

Ans ✓ 1. 42

✗ 2. 25

✗ 3. 49

✗ 4. 36

Question ID : **26433043436**
Status : **Answered**
Chosen Option : **1**

Q.20 In a certain code language, 'CHECK' is written as '6165622' and 'SURGE' is written as '382136145'. How will 'PRIEST' be written in that language?

Ans ✗ 1. 32369538
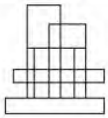
✗ 2. 1618101920

✗ 3. 161818101920

✓ 4. 3236953840
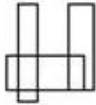
Question ID : **26433040645**
Status : **Answered**
Chosen Option : **4**

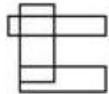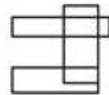**Q.21** Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).
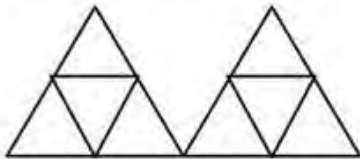

Ans

✘ 1.

✔ 2.

✘ 3.

✘ 4.

Question ID : **26433040336**
Status : **Answered**
Chosen Option : **2**

Q.22 Find the number of triangles in the given figure.

Ans
✘ 1. 8
✔ 2. 10
✘ 3. 13
✘ 4. 15

Question ID : **26433043539**
Status : **Answered**
Chosen Option : **2**

Q.23 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

Ans ✘ 1. 19:323

✘ 2. 43:731

✘ 3. 21:357

✔ 4. 15:256

Question ID : **26433043579**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which of the following numbers will replace the question mark (?) in the given series?
19, 37, 74, 147, 294, ?

Ans ✗ 1. 578

✔ 2. 587

✗ 3. 577

✗ 4. 588

Question ID : **26433045205**
Status : **Answered**
Chosen Option : **2**

Q.25 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Ans ✔ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **26433040557**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 By selling a fridge for ₹18,200, Anu loses 15%. Find the cost price of the fridge.
(Consider integral part only)

Ans ✗ 1. ₹21,820

✔ 2. ₹21,411

✗ 3. ₹19,680

✗ 4. ₹19,411

Question ID : **26433042611**
Status : **Answered**
Chosen Option : **2**

Q.2 The marked price of a mobile phone is ₹18,000. It is sold with two successive discounts of 25% and 4%. An additional discount of 5% is offered for cash payment. The selling price of the mobile on cash payment is:

Ans ✔ 1. ₹12,312

✗ 2. ₹12,123

✗ 3. ₹12,132

✗ 4. ₹12,231

Question ID : **26433041424**
Status : **Answered**
Chosen Option : **1**

Q.3 In still water, the speed of a motorboat is 15 km/h. The boat travels 30 km downstream and returns in 4 hours and 30 minutes. The stream's speed (in km/h) is:

Ans ✗ 1. 4

✗ 2. 7

✓ 3. 5

✗ 4. 3

Question ID : **26433044045**

Status : **Answered**

Chosen Option : **3**

Q.4 The table below gives the numbers of students from five different colleges who participated in the Olympiads of five different subjects during a given year.

Subjects	College A	College B	College C	College D	College E
Hindi	110	100	125	103	112
English	98	120	80	122	105
Maths	130	110	250	160	180
Science	100	100	150	200	80
GK	182	200	120	130	183

Find the average number of students per college who participated in the English Olympiad

Ans ✓ 1. 105

✗ 2. 106

✗ 3. 104

✗ 4. 100

Question ID : **26433045973**

Status : **Answered**

Chosen Option : **1**

Q.5 A cot was marked for ₹15,000 but sold for ₹13,500. What was the discount percentage offered on it?

Ans ✗ 1. 20%

✗ 2. 15%

✓ 3. 10%

✗ 4. 12%

Question ID : **26433042418**

Status : **Answered**

Chosen Option : **3**

Q.6 Two years ago,the population of a village was 1,000. The population increased by 10% is the first year and decreased by 10% in the second year. Find the present population.

Ans ✗ 1. 985

✗ 2. 980

✓ 3. 990

✗ 4. 995

Question ID : **26433042705**

Status : **Answered**

Chosen Option : **3**

Q.7 If $x = 5t$ and $y = \frac{1}{3}(t + 1)$, then the value of t for which $x = 3y$ is:

Ans

✗ 1. $\dfrac{1}{3}$

✗ 2. $\dfrac{1}{2}$

✓ 3. $\dfrac{1}{4}$

✗ 4. $\dfrac{1}{5}$

Question ID : **26433039204**
Status : **Answered**
Chosen Option : **3**

Q.8 If the number 732XY is divisible by 70, then find the minimum value of $\frac{X+Y}{2}$.

Ans

✗ 1. 2

✓ 2. 1

✗ 3. 0

✗ 4. 3

Question ID : **26433041512**
Status : **Answered**
Chosen Option : **2**

Q.9 If $x > 0$ and $x^4 + \frac{1}{x^4} = 2207$, what is the value of $(x^5 + \frac{1}{x^5})$?

Ans

✓ 1. 15127

✗ 2. 15134

✗ 3. 15141

✗ 4. 15130

Question ID : **26433044000**
Status : **Answered**
Chosen Option : **1**

Q.10 As part of Diwali offer, a jeweller allows a discount of 15%. Even after giving the discount, he makes a profit of 6.25%. Rani bought a gold chain which was marked at ₹5,000 from this jeweller. Find the cost price of the chain for the jeweller.

Ans

✗ 1. ₹5,000

✗ 2. ₹4,400

✗ 3. ₹3,400

✓ 4. ₹4,000

Question ID : **26433041583**
Status : **Answered**
Chosen Option : **4**

Q.11 The average weight of 18 boys in a class is 45 kg and that of the remaining 8 boys is 48.75 kg. Find the average weight (in kg) of all the boys in the class.(Correct to two decimal places)

Ans ✗ 1. 47.5

✗ 2. 44.98

✓ 3. 46.15

✗ 4. 42

Question ID : 26433044012
Status : **Answered**
Chosen Option : **3**

Q.12 If m is a natural number, then the average of five consecutive natural numbers, starting with m, is:

Ans ✗ 1. $2m$

✓ 2. $m + 2$

✗ 3. $\dfrac{(4m + 6)}{5}$

✗ 4. $5m + 10$

Question ID : 26433039274
Status : **Answered**
Chosen Option : **2**

Q.13 If 5 persons can prepare 5 tables in 5 days, then how long will it take 25 persons to prepare 25 tables?

Ans ✗ 1. 25 days

✗ 2. 15 days

✗ 3. 20 days

✓ 4. 5 days

Question ID : 26433041324
Status : **Answered**
Chosen Option : **4**

Q.14 What is the value of $(4\sin^3 x - 3\sin x + \sin 3x)$?

Ans ✗ 1. 1

✓ 2. 0

✗ 3. 4

✗ 4. 3

Question ID : 26433038658
Status : **Answered**
Chosen Option : **2**

Q.15 The average weight of a family of 4 members is 45 kg. The grandfather and the grandmother come to visit the family. Now the average weight of the 6 members of the family is 48 kg. Find the average weight of the grandparents (in kg).

Ans ✗ 1. 53

✗ 2. 52

✗ 3. 51

✓ 4. 54

Question ID : **26433038845**
Status : **Answered**
Chosen Option : **4**

Q.16 A chord of 10 cm passes through the centre of a circle. What is the diameter of the circle?

Ans ✗ 1. 5 cm

✗ 2. 15 cm

✗ 3. 20 cm

✓ 4. 10 cm

Question ID : **26433041389**
Status : **Answered**
Chosen Option : **4**

Q.17 $(2x + 3y + 4z)(4x^2 + 9y^2 + 16z^2 - 6xy - 12yz - 8xz) = ?$

Ans ✗ 1. $8x^3 + 27y^3 + 64z^3 + 72xyz$

✓ 2. $8x^3 + 27y^3 + 64z^3 - 72xyz$

✗ 3. $8x^3 + 27y^3 - 64z^3 + 72xyz$

✗ 4. $8x^3 - 27y^3 - 64z^3 - 72xyz$

Question ID : **26433043907**
Status : **Answered**
Chosen Option : **1**

Q.18 Study the given table and answer the question that follows.

Partners	Present share in percentage
Shourya	18%
Tanmay	22%
Bhanu	25%
Dhanya	35%

If the company had initally issued 10000 shares between its four partners, and if Tanmay then sold 1000 of his shares to Dhanya, then how many shares did Dhanya finally have?
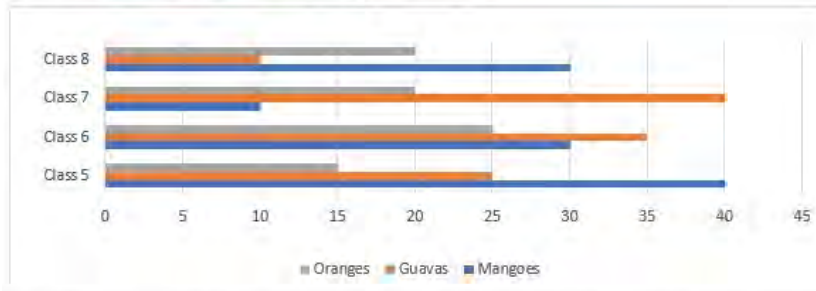
Ans ✗ 1. 3000

✗ 2. 4000

✗ 3. 3500

✓ 4. 4500

Question ID : **26433045903**
Status : **Answered**
Chosen Option : **4**

Q.19 The following bar graph shows the data of the number of students of different classes who like to eat different types of fruits.

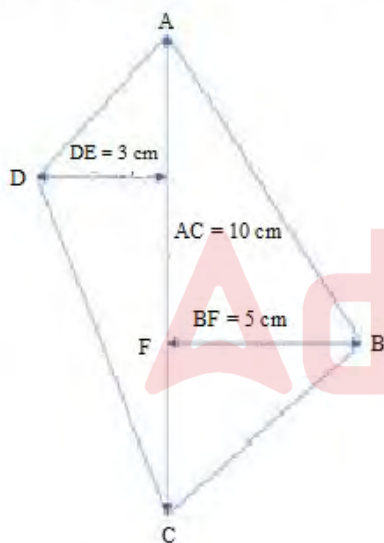What percentage of the students of class 8 mentaioned here like guavas?

Ans ✗ 1. 36%

✗ 2. 50%

✓ 3. $16\frac{2}{3}\%$

✗ 4. 60%

Question ID : **26433045977**
Status : **Answered**
Chosen Option : **3**

Q.20 Find the area of the given quadrilateral ABCD.

Ans ✗ 1. 50 cm^2

✗ 2. 35 cm^2

✗ 3. 45 cm^2

✓ 4. 40 cm^2

Question ID : **26433042721**
Status : **Answered**
Chosen Option : **4**

Q.21 The diameter of a solid hemisphere is 10 cm. Find its total surface area (use π=3.14).

Ans
✗ 1. 288 cm^2

✗ 2. 265.8 cm^2

✓ 3. 235.5 cm^2

✗ 4. 245 cm^2

Question ID : **26433044059**
Status : **Answered**
Chosen Option : **3**

Q.22 A cone-shaped temple top has slant height of 10 m and radius of base is 11 m. Find the total cost for painting its curved surface area at the rate of ₹7/m^2. [Use π=22/7]

Ans
✗ 1. ₹2,440

✗ 2. ₹2,040

✓ 3. ₹2,420

✗ 4. ₹2,240

Question ID : **26433042459**
Status : **Answered**
Chosen Option : **3**

Q.23 Two numbers, A and B, are such that the sum of 10% of A and 8% of B is $\frac{3}{5}$ th of the sum of 12% of A and 16% of B. The ratio A : B is:

Ans
✗ 1. 2 : 3

✓ 2. 4 : 7

✗ 3. 2 : 7

✗ 4. 4 : 3

Question ID : **26433039159**
Status : **Answered**
Chosen Option : **2**

Q.24 Find the mean proportional between 144 and 225.

Ans
✗ 1. $\frac{4}{5}$

✗ 2. $\frac{27}{2}$

✓ 3. 180

✗ 4. $\frac{5}{4}$

Question ID : **26433042433**
Status : **Answered**
Chosen Option : **3**

Q.25 $\left[2\frac{1}{4} \div \frac{3}{4}\right] + \left[5\frac{2}{3} \div \frac{17}{13}\right] - \left[3\frac{1}{3} \times \frac{6}{5}\right] + [17.98 \div 6.2] + [1.25 \div 0.5] = ?$

Ans ✗ 1. 3.9

✗ 2. 69.2

✓ 3. 8.7

✗ 4. 4.5

Question ID : 26433041510
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Surendranath Banerjee's autobiography is called _____.

Ans ✗ 1. Hind Swaraj

✓ 2. A Nation in the Making

✗ 3. Young India

✗ 4. Hints for Self Culture

Question ID : 26433038741
Status : **Answered**
Chosen Option : **4**

Q.2 Who termed Article 32 as the 'heart and soul of the Constitution of India'?

Ans ✗ 1. MV Pylee

✓ 2. BR Ambedkar

✗ 3. Jawaharlal Nehru

✗ 4. Sachchidananda Sinha

Question ID : 26433042097
Status : **Answered**
Chosen Option : **2**

Q.3 Which phylum of the Kingdom Animalia includes animals such as Hydra, Adamsia, Physalia and Corals?

Ans ✓ 1. Coelenterata

✗ 2. Platyhelminthes

✗ 3. Annelida

✗ 4. Porifera

Question ID : 26433044834
Status : **Answered**
Chosen Option : **3**

Q.4 Payment of loan by the government is an example of _____.

Ans ✗ 1. revenue expenditure

✗ 2. revenue receipts

✗ 3. capital receipts

✓ 4. capital expenditure

Question ID : 26433042045
Status : **Answered**
Chosen Option : **4**

Q.5 Which of the following pairs is NOT correctly matched?

Ans ✗ 1. Pandit Hariprasad Chaurasia – Bamboo flute

✗ 2. Miyan Tansen – One of the nine jewels

✗ 3. Ustad Ali Akbar Khan – Sarode

✓ 4. Ustad Bismillah Khan – Sitar

Question ID : **26433041919**
Status : **Answered**
Chosen Option : **4**

Q.6 At the December 2021 BWF World Tour Finals in Bali, Indonesia, shuttler _____ clinched the silver medal.

Ans ✗ 1. Aakarshi Kashyap

✗ 2. Mugdha Agrey

✗ 3. Saina Nehwal

✓ 4. PV Sindhu

Question ID : **26433044438**
Status : **Answered**
Chosen Option : **4**

Q.7 Pandit Sunder Prasad who was awarded with the Sangeet Natak Akademi Award in 1959 was a _____ dancer.

Ans ✗ 1. Kathakali

✗ 2. Odissi

✓ 3. Kathak

✗ 4. Mohiniyattam

Question ID : **26433042283**
Status : **Answered**
Chosen Option : **3**

Q.8 Which of the following states present Kalidas Samman annually?

Ans ✗ 1. Chhattisgarh

✓ 2. Madhya Pradesh

✗ 3. Maharashtra

✗ 4. Andhra Pradesh

Question ID : **26433041965**
Status : **Answered**
Chosen Option : **2**

Q.9 Totaram Sharma is an exponent of _____.

Ans ✗ 1. flute

✗ 2. nadaswaran

✗ 3. ghatam

✓ 4. pakhawaj

Question ID : **26433038779**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The 10th Women's Hockey Asia Cup was held at _____.

Ans
✗ 1. India

✗ 2. Bahrain

✗ 3. Qatar

✓ 4. Muscat

Question ID : **26433044482**
Status : **Answered**
Chosen Option : **1**

Q.11 In April 2021, Nethra Kumanan became the first Indian woman ever to qualify for the Olympics in _____.

Ans
✗ 1. modern pentathlon

✗ 2. Alpine skiing

✓ 3. sailing

✗ 4. fencing

Question ID : **26433044435**
Status : **Answered**
Chosen Option : **3**

Q.12 Who among the following won the first National Film Award for Best Choreography in 1992?

Ans
✗ 1. Saroj Khan

✓ 2. Laxmibai Kolhapurkar

✗ 3. Vaibhavi Merchant

✗ 4. Shiamak Davar

Question ID : **26433038801**
Status : **Answered**
Chosen Option : **1**

Q.13 BS Yediyurappa resigned as the Chief Minister of Karnataka for the _____ time in July 2021.

Ans
✗ 1. second

✗ 2. third

✗ 3. fifth

✓ 4. fourth

Question ID : **26433044393**
Status : **Answered**
Chosen Option : **2**

Q.14 From which of the following years was the National Kalidas Samman started in India?

Ans
✗ 1. 1989

✗ 2. 1992

✗ 3. 1984

✓ 4. 1980

Question ID : **26433038836**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The famous novel 'Ananda Math' was originally written in _____ language.

Ans ✅ 1. Bengali

❌ 2. Hindi

❌ 3. Sanskrit

❌ 4. Odia

Question ID : **26433038752**
Status : **Answered**
Chosen Option : **1**

Q.16 Who among the following was the first Indian musician conferred with the Ramon Magsaysay Award and also the first Indian to have performed in United Nations General Assembly in 1966?

Ans ❌ 1. Gagubai Hangal

❌ 2. Vansundhara Komkali

❌ 3. Lata Mangeshkar

✅ 4. M S Subbulakshmi

Question ID : **26433044574**
Status : **Answered**
Chosen Option : **4**

Q.17 Which enzyme is responsible for the oxidation reaction that occurs in some foods, mostly fruits and vegetables, that turns the food brown?

Ans ✅ 1. Polyphenol oxidase

❌ 2. Bromelain

❌ 3. Serrapeptase

❌ 4. Papain

Question ID : **26433044776**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which is the fourth largest water body in the world recognised by the US Board on Geographic Names as a body of water extending off the coast of Antarctica?

Ans ✅ 1. Southern Ocean

❌ 2. Indian Ocean

❌ 3. Arctic Ocean

❌ 4. Atlantic Ocean

Question ID : **26433044888**
Status : **Answered**
Chosen Option : **2**

Q.19 Who among the following is the author of the book 'The Inheritance of Loss'?

Ans ❌ 1. Arundhati Roy

❌ 2. Sudha Murty

✅ 3. Kiran Desai

❌ 4. Jhumpa Lahiri

Question ID : **26433044550**
Status : **Answered**
Chosen Option : **1**

Q.20 Which water body is adjacent to the Atlantic Ocean, located in the southeast of the Gulf of Mexico?

Ans ✗ 1. Arabian Sea

✗ 2. Baltic Sea

✗ 3. Caspian Sea

✓ 4. Caribbean Sea

Question ID : **26433041896**

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

Chosen Option : **--**

Q.21 Who among the following was given the title of Mallika-e-Ghazal?

Ans ✓ 1. Begum Akhtar

✗ 2. Iqbal Bano

✗ 3. Nayyara Noor

✗ 4. Farida Khanum

Question ID : **26433044572**

Status : **Not Answered**

Chosen Option : **--**

Q.22 Which of the following minerals' primary constituent is iron oxide containing equal amounts of iron (II) and iron (III) that is mainly used for steel manufacturing?

Ans ✓ 1. Magnetite

✗ 2. Mica

✗ 3. Limestone

✗ 4. Bauxite

Question ID : **26433044884**

Status : **Answered**

Chosen Option : **1**

Q.23 Identify the component found only in a eukaryotic cell.

Ans ✗ 1. Ribosomes

✗ 2. Plasma membrane

✓ 3. Nuclear membrane

✗ 4. Cytoplasm

Question ID : **26433039437**

Status : **Not Answered**

Chosen Option : **--**

Q.24 Which of the following pairs are NOT correctly matched?

I.13th ICC One Day Cricket World Cup - India
II.12th ICC Women's one day Cricket World Cup - New Zealand
III.8th T20 Women's Cricket World Cup - South Africa
IV.8th T20 Men's Cricket World Cup – India

Ans ✓ 1. IV

✗ 2. I

✗ 3. II

✗ 4. III

Question ID : **26433044500**

Status : **Answered**

Chosen Option : **2**

Q.25 When is the approximate arrival of the Arabian Sea branch of monsoon in Mumbai?

Ans ✗ 1. March 10

✗ 2. August 10

✓ 3. June 10

✗ 4. September 10

Question ID : **26433042005**

Status : **Answered**

Chosen Option : **1**