Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/03/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Choose the incorrectly spelt word.

Ans ✗ 1. Stone

✓ 2. Minyed

✗ 3. Punch

✗ 4. Crunch

Question ID : **264330124125**
Status : **Answered**
Chosen Option : **2**

Q.2 Fill in the blank with the most suitable word.
At that time, I only knew that I adored the way he laughed for no _____.

Ans ✗ 1. just

✗ 2. disbelief

✓ 3. reason

✗ 4. account

Question ID : **264330125836**
Status : **Answered**
Chosen Option : **3**

Q.3 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Their appointment **lasted for** almost an hour.

Ans ✗ 1. lastly for

✗ 2. lasting for

✓ 3. No improvement

✗ 4. last for

Question ID : **264330124561**
Status : **Answered**
Chosen Option : **3**

Q.4 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
A young girl was kidnapped from the **mainly street in** 3 o'clock yesterday afternoon.

Ans ✗ 1. main streets in

✗ 2. main street on

✗ 3. No improvement

✓ 4. main street at

Question ID : **264330124406**
Status : **Answered**
Chosen Option : **4**

Q.5 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Neck of the woods

Ans ✔ 1. Neighbourhood

✘ 2. Barren land

✘ 3. Valley

✘ 4. Highways

Question ID : **264330124488**
Status : **Answered**
Chosen Option : **3**

Q.6 Choose the word that can substitute the given group of words.
A publication containing astronomical or meteorological information

Ans ✘ 1. Allegory

✘ 2. Bane

✘ 3. Conscription

✔ 4. Almanac

Question ID : **264330124544**
Status : **Answered**
Chosen Option : **4**

Q.7 Choose the word that can substitute the given group of words.
A substance for killing algae

Ans ✔ 1. Algaecide

✘ 2. Prepuce

✘ 3. Fungicide

✘ 4. Ruthenium

Question ID : **264330124127**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the option that will improve the (bracketed) part of the sentence. In case of no improvement select the option 'No improvement'.
I wouldn't have (accepted anything accept) a job in Europe.

Ans ✘ 1. accepted everything expect

✘ 2. excepted anything accept

✘ 3. No improvement

✔ 4. accepted anything except

Question ID : **264330125876**
Status : **Answered**
Chosen Option : **4**

Q.9 Choose the word that is opposite in meaning to the given word.
Abandon

Ans ✘ 1. Recklessness

✔ 2. Constraint

✘ 3. Casualness

✘ 4. Spontaneity

Question ID : **264330124563**
Status : **Answered**
Chosen Option : **2**

Q.10 Choose the sentence with no spelling error.

Ans ✔ 1. A flash of lightning revealed the mountains.

✖ 2. A flsh of lightning revaeled the mountains.

✖ 3. A flash of lightnig revealed the mountans.

✖ 4. A flash of lightning revealed the mounitans.

Question ID : **264330124126**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the correct indirect form of the given sentence.
My coach said, "You should take a healthy diet."

Ans ✖ 1. My coach told me that I should have taken a healthy diet.

✔ 2. My coach told me that I should take a healthy diet.

✖ 3. My coach told me that you should take a healthy diet.

✖ 4. My coach told me that I shall take a healthy diet.

Question ID : **264330124108**
Status : **Answered**
Chosen Option : **1**

Q.12 Choose the word that is opposite in meaning to the given word.
Incongruous

Ans ✖ 1. Unharmonious

✖ 2. Jarring

✖ 3. Fettered

✔ 4. Appropriate

Question ID : **264330124590**
Status : **Answered**
Chosen Option : **4**

Q.13 Choose the word that is opposite in meaning to the given word.
Annex

Ans ✔ 1. Subtract

✖ 2. Profuse

✖ 3. Protract

✖ 4. Propose

Question ID : **264330124070**
Status : **Answered**
Chosen Option : **3**

Q.14 Find the part of the given sentence that has an error in it. If there is no error, choose
'No error'.
Around 30 percent of the Indian population are estimated to have latent TB.

Ans ✔ 1. Indian population are estimated

✖ 2. No error

✖ 3. to have latent TB.

✖ 4. Around 30 percent of the

Question ID : **264330124109**
Status : **Answered**
Chosen Option : **1**

Q.15 Rearrange the parts of the sentence in correct order.
P. gangrene, who had recovered from Covid-19 infection and
Q. gallstones resulting in gangrene of gallbladder requiring urgent surgery
R. presented with severe inflammation of gallbladder without
S. we recently successfully treated five patients for gallbladder

Ans ✓ 1. SPRQ

✗ 2. QPRS

✗ 3. RQPS

✗ 4. PRQS

Question ID : **264330124118**
Status : **Answered**
Chosen Option : **1**

Q.16 Choose the word that can substitute the given group of words.
A person who is interested in material gains and is hostile to art/culture

Ans ✗ 1. Perfectionist

✗ 2. Sage

✓ 3. Philistine

✗ 4. Egghead

Question ID : **264330124050**
Status : **Answered**
Chosen Option : **3**

Q.17 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
At daggers drawn with

Ans ✓ 1. To be bitterly hostile towards each other

✗ 2. At the lowest estimate

✗ 3. To accept someone

✗ 4. To help someone in time of need

Question ID : **264330124123**
Status : **Answered**
Chosen Option : **1**

Q.18 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The fiscal deficit has to be held in check because it represent the government's claim on the non-government sector's savings.

Ans ✗ 1. No error

✓ 2. because it represent the government's claim

✗ 3. on the non-government sector's savings.

✗ 4. The fiscal deficit has to be held in check

Question ID : **264330124474**
Status : **Answered**
Chosen Option : **2**

Q.19 Choose the word that means the same as the given word.
Genial

Ans ✗ 1. Tense

✗ 2. Lacuna

✗ 3. Laconic

✓ 4. Convivial

Question ID : **264330124129**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the correct passive form of the given sentence.
He built a website from scratch.

Ans ✗ 1. A website has been built from scratch by him.

✓ 2. A website was built from scratch by him.

✗ 3. A website was building from scratch by him.

✗ 4. A website is built from scratch by him.

Question ID : **264330124471**
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.
Each year, the U.S. Department of Agriculture and the Environmental Protection Agency (1)_____ federal pollinator experts to share the latest scientific findings on bee and pollinator health, and assess the status of (2)_____ important insects, birds, bats and other species. One clear (3) _____ from this year's meeting was that climate change (4)_____ a new and formidable stressor for bees, potentially amplifying previously known issues in ways that scientists can't yet (5)_____ but need to prepare for.

SubQuestion No : 21

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

Ans ✗ 1. accost

✓ 2. host

✗ 3. roast

✗ 4. mandates

Question ID : **264330124112**
Status : **Answered**
Chosen Option : **1**

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.
Each year, the U.S. Department of Agriculture and the Environmental Protection Agency (1)_____ federal pollinator experts to share the latest scientific findings on bee and pollinator health, and assess the status of (2)_____ important insects, birds, bats and other species. One clear (3) _____ from this year's meeting was that climate change (4)_____ a new and formidable stressor for bees, potentially amplifying previously known issues in ways that scientists can't yet (5)_____ but need to prepare for.

SubQuestion No : 22

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

Ans ✗ 1. this

✗ 2. thus

✗ 3. those

✔ 4. these

> Question ID : **264330124113**
> Status : **Answered**
> Chosen Option : **4**

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.
Each year, the U.S. Department of Agriculture and the Environmental Protection Agency (1)_____ federal pollinator experts to share the latest scientific findings on bee and pollinator health, and assess the status of (2)_____ important insects, birds, bats and other species. One clear (3) _____ from this year's meeting was that climate change (4)_____ a new and formidable stressor for bees, potentially amplifying previously known issues in ways that scientists can't yet (5)_____ but need to prepare for.

SubQuestion No : 23

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

Ans ✗ 1. standard

✔ 2. takeaway

✗ 3. thesis

✗ 4. diffidence

> Question ID : **264330124114**
> 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.
Each year, the U.S. Department of Agriculture and the Environmental Protection Agency (1)_____ federal pollinator experts to share the latest scientific findings on bee and pollinator health, and assess the status of (2)_____ important insects, birds, bats and other species. One clear (3) _____ from this year's meeting was that climate change (4)_____ a new and formidable stressor for bees, potentially amplifying previously known issues in ways that scientists can't yet (5)_____ but need to prepare for.

SubQuestion No : 24

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

Ans ✔ 1. has become

✗ 2. became

✗ 3. was became

✗ 4. becoming

> Question ID : **264330124115**
> 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.
Each year, the U.S. Department of Agriculture and the Environmental Protection Agency (1)_____ federal pollinator experts to share the latest scientific findings on bee and pollinator health, and assess the status of (2)_____ important insects, birds, bats and other species. One clear (3) _____ from this year's meeting was that climate change (4)_____ a new and formidable stressor for bees, potentially amplifying previously known issues in ways that scientists can't yet (5)_____ but need to prepare for.

SubQuestion No : 25

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

Ans   ✗ 1. shrimp

     ✓ 2. predict

     ✗ 3. shun

     ✗ 4. notify

> Question ID : 264330124116
> Status : **Answered**
> Chosen Option : **2**

Section : **General Intelligence**

Q.1 In the following question, select the missing number from the given series.
32, 35, 39, 42, 46, 49, ?

Ans   ✓ 1. 53

     ✗ 2. 50

     ✗ 3. 51

     ✗ 4. 52

> Question ID : 264330126346
> Status : **Answered**
> Chosen Option : **1**

Q.2 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.
Mammal : Man :: Reptile : ?

Ans   ✗ 1. Butterfly

     ✓ 2. Lizard

     ✗ 3. Rat

     ✗ 4. Whale

> Question ID : 264330127250
> Status : **Answered**
> Chosen Option : **2**

Q.3 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)
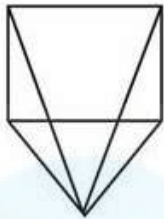

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
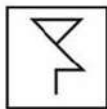
Q.4 After interchanging the given two numbers (Not digits) what will be the values of expression (I) and (II) respectively ?
4 and 6
I. 8 − 4 × 3 + 6 ÷ 2
II. 4 + 3 × 6 − 8 ÷ 2

Ans   ✗ 1. 8 and 10

✗ 2. 10 and 8

✗ 3. 14 and –8

✔ 4. –8 and 14

Q.5 How many triangles are there in the given figure?

Ans ✗ 1. 8

✗ 2. 10

✓ 3. 11

✗ 4. 9

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

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Q.7 Select the option in which the numbers shares 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)
(101, 10201, 10302)
(95, 9025, 9120)

Ans ✗ 1. (103, 10069, 10172)

✗ 2. (105, 11025, 11230)

✗ 3. (104, 10816, 10820)

✓ 4. (102, 10404, 10506)

Q.8 In a certain code language, 'FONT' is coded as '714', 'GLUE' is coded as '494'. What is the code for 'JOKE' in that code language?

Ans ✗ 1. 396

  ✓ 2. 400

  ✗ 3. 450

  ✗ 4. 456

Q.9 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.
Ranchi : Jharkhand :: Dispur : ?

Ans ✗ 1. Sikkim

  ✗ 2. Nagaland

  ✓ 3. Assam

  ✗ 4. Meghalaya

Q.10 A cube is made by folding the given sheet. In the cube so formed, which letter will be on the face opposite to the face showing 'A'?

Ans ✓ 1. B

  ✗ 2. C

  ✗ 3. R

  ✗ 4. K
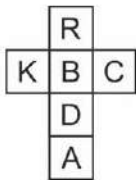
Q.11 In a certain code language, 'ALWAYS' is coded as 'AKYAXU'. What is the code for 'BEYOND' in that code language?

Ans ✗ 1. BDAOMG

  ✗ 2. BDAOME

  ✓ 3. BDAOMF

  ✗ 4. BDBOMF

Q.12 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.
1. Thighs
2. Stomach
3. Nose
4. Lips
5. Skull

Ans
✗ 1. 1, 2, 5, 3, 4

✗ 2. 1, 2, 3, 4, 5

✓ 3. 1, 2, 4, 3, 5

✗ 4. 1, 2, 3, 5, 4

Question ID : 264330127146
Status : **Answered**
Chosen Option : **3**

Q.13 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
jtm _ r _ jt _ prs _ tmpr _ j _ mprs

Ans
✓ 1. psmjst

✗ 2. pssjst

✗ 3. psmjts

✗ 4. pmsjst

Question ID : 264330126801
Status : **Answered**
Chosen Option : **1**

Q.14 In the following question, select the odd word pair from the given alternatives.

Ans
✗ 1. Scalpel – Surgeon

✗ 2. Axe – Woodcutter

✗ 3. Sword – Warrior

✓ 4. Sculptor – Chisel

Question ID : 264330127155
Status : **Answered**
Chosen Option : **4**

Q.15 If 5 # 2 = 25 and 8 # 2 = 64, then 11 # 2 = ?

Ans
✗ 1. 143

✗ 2. 99

✓ 3. 121

✗ 4. 1331

Question ID : 264330126348
Status : **Answered**
Chosen Option : **3**

Q.16 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. All D are E.
II. Some E are F.
Conclusions:
I. All D are F.
II. Some F are E.
III. All E are D.

Ans ✗ 1. Only conclusion III follows

✓ 2. Only conclusion II follows

✗ 3. All conclusion follows

✗ 4. Only conclusion I follows

Question ID : **264330126806**
Status : **Answered**
Chosen Option : **2**

Q.17 I is the brother of K. H is the wife of I. J is the mother of L. K is the brother of J. How K is related to L?

Ans ✗ 1. Nephew

✓ 2. Maternal Uncle

✗ 3. Brother

✗ 4. Father

Question ID : **264330126802**
Status : **Answered**
Chosen Option : **2**

Q.18 In the following question, select the odd letter/letters from the given alternatives.

Ans ✗ 1. ZVR

✗ 2. QMI

✗ 3. OKG

✓ 4. WTP

Question ID : **264330126804**
Status : **Answered**
Chosen Option : **4**

Q.19 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)
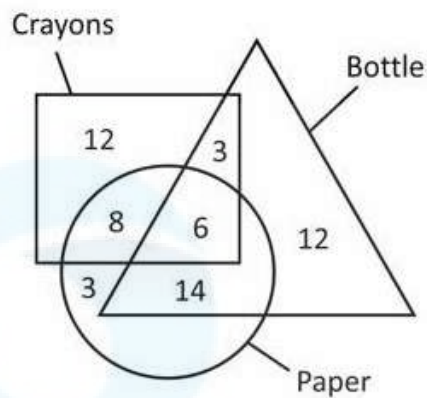**(32, 24, 8)**
(48, 42, 6)

Ans ✗ 1. (64, 62, 8)

✓ 2. (56, 50, 6)

✗ 3. (16, 14, 4)

✗ 4. (18, 12, 4)

Question ID : **264330127242**
Status : **Answered**
Chosen Option : **2**

Q.20 How many paper are not bottles?

Ans
✗ 1. 17
✗ 2. 14
✓ 3. 11
✗ 4. 8

Q.21 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.
Sister : Brother :: Niece : ?

Ans
✗ 1. Mother
✗ 2. Brother
✗ 3. Daughter
✓ 4. Nephew

Q.22 Select the option that is related to the second number in the same way as the third number is related to the fourth number and fifth number is related to sixth number.
? : 225 :: 9 : 169 :: 12 : 256

Ans
✗ 1. 13
✓ 2. 11
✗ 3. 16
✗ 4. 15

Q.23 Select the option in which the numbers shares 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)
(46, 93, 187)
(123, 247, 495)

Ans ✗ 1. (208, 418, 837)

✔ 2. (313, 627, 1255)

✗ 3. (111, 213, 427)

✗ 4. (184, 369, 729)

Q.24 Two positions of a dice are given below. What can come on the adjacent faces of the face containing 'K' on it?

Ans ✗ 1. H and T

✗ 2. H and B

✔ 3. B and A

✗ 4. A and H

Q.25 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.

Section : **Quantitative Aptitude**
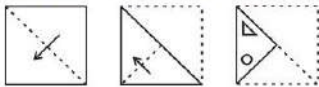
Q.1 In $\triangle PQR$, $\angle Q = 90$ degrees and QX is perpendicular to PR. If PQ = 15 cm and PR = 25 cm, then what is the ratio of PX : XR?

Ans

✗ 1. $2 : 3$

✗ 2. $7 : 18$

✗ 3. $1 : 4$

✔ 4. $9 : 16$

Question ID : **264330127801**
Status : **Answered**
Chosen Option : **4**

Q.2 In $\triangle ABC$, Z is a point on side BC and AB = AC. If $\angle AZB = 90$ degree and BC = 42 cm, then what will be the length of BZ?

Ans

✔ 1. 21 cm

✗ 2. 32 cm

✗ 3. 28 cm

✗ 4. 35 cm

Question ID : **264330128125**
Status : **Answered**
Chosen Option : **1**

Q.3 What are the last three digit of the multiplication 654321×123456?

Ans

✔ 1. 376

✗ 2. 344

✗ 3. 324

✗ 4. 352

Question ID : **264330128005**
Status : **Answered**
Chosen Option : **1**

Q.4 If the difference between the two numbers is 20 percent of their sum, then what is the ratio of larger number and smaller number?

Ans

✗ 1. $6 : 5$

✗ 2. $5 : 4$

✗ 3. $4 : 3$

✔ 4. $3 : 2$

Question ID : **264330127794**
Status : **Answered**
Chosen Option : **4**

Q.5 After two successive discounts of 40 percent and 20 percent an article is sold for Rs. 4632. What is the marked price of the article?

Ans

✗ 1. Rs. 7650

✗ 2. Rs. 8870

✔ 3. Rs. 9650

✗ 4. Rs. 8050

Question ID : **264330128218**
Status : **Answered**
Chosen Option : **3**

Q.6 A chord of length 48 cm is at a distance of 7 cm from the centre of the circle. What is the length of the chord of the same circle which is at a distance of 15 cm from the centre of the circle?

Ans ✔ 1. 40 cm

✘ 2. 45 cm

✘ 3. 35 cm

✘ 4. 42 cm

Question ID : **264330127799**
Status : **Answered**
Chosen Option : **1**

Q.7 Vinay sells an article at a profit of 20 percent. If both the cost price and selling price are reduced by Rs. 20, then the profit becomes 40 percent. What is the initial cost price?

Ans ✘ 1. Rs. 80

✘ 2. Rs. 60

✘ 3. Rs. 50

✔ 4. Rs. 40

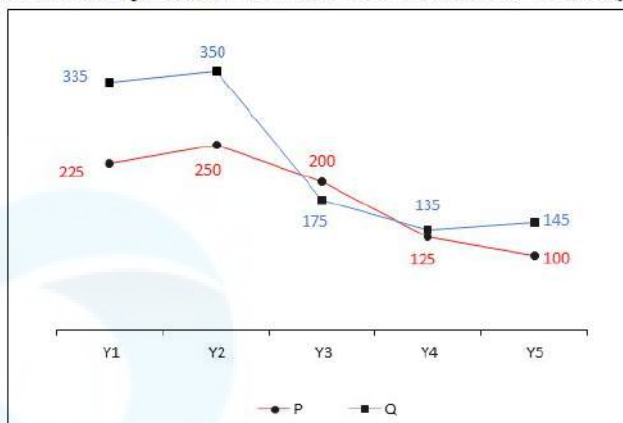Question ID : **264330128220**
Status : **Answered**
Chosen Option : **4**

Q.8 A is thrice as good a workman as B and together they can finish a work in 32 days. In how many days will B alone complete the same work?

Ans ✘ 1. 96 days

✘ 2. 104 days

✘ 3. 112 days

✔ 4. 128 days

Question ID : **264330128139**
Status : **Answered**
Chosen Option : **4**

Q.9 The line chart given below shows the GDP of two countries P and Q in different five years.

L1 = The total GDP of country P in all the 5 years.

L2 = The total GDP of country Q in all the 5 years.

What is the value of (L2 – L1)?

Ans ✗ 1. 180

✓ 2. 240

✗ 3. 280

✗ 4. 160

Q.10 A person invested a total sum of Rs. 15,500 in three different schemes of simple interest at the annual rate of 4 percent, 6 percent and 10 percent. At the end of one year he got same interest in all three schemes. What is the sum invested at the rate of 6 percent?
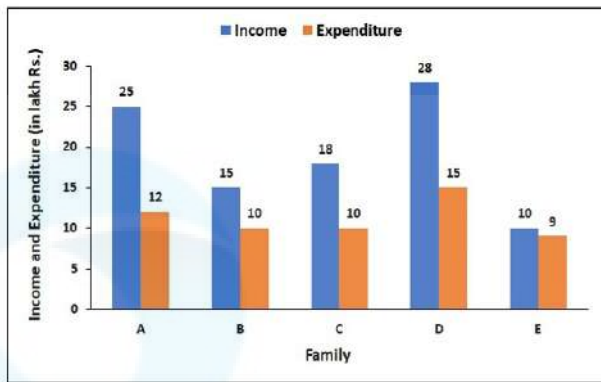
Ans ✗ 1. Rs. 5400

✓ 2. Rs. 5000

✗ 3. Rs. 5500

✗ 4. Rs. 6500

Q.11 The following bar graph shows the income and the expenditure (in lakh Rs.) of five families in the year 2021. What is the savings of families A, C and E together?

Ans
   ✗ 1. Rs.32 lakhs

   ✗ 2. Rs.30 lakhs

   ✔ 3. Rs.22 lakhs

   ✗ 4. Rs.21 lakhs

Question ID : **264330128461**
Status : **Answered**
Chosen Option : **3**

Q.12 What is the value of $\dfrac{\sin\theta+\cos\theta}{\sin\theta-\cos\theta} + \dfrac{\sin\theta-\cos\theta}{\sin\theta+\cos\theta}$?

Ans
   ✗ 1. $1/(\sin^2\theta - \cos^2\theta)$

   ✗ 2. $2(\sin^2\theta - \cos^2\theta)$

   ✔ 3. $2/(\sin^2\theta - \cos^2\theta)$

   ✗ 4. $\sin^2\theta - \cos^2\theta$

Question ID : **264330127808**
Status : **Answered**
Chosen Option : **3**

Q.13 The table given below shows the number of male teacher and female teachers in 5 schools.

Schools	Male teachers	Female teachers
J	180	240
K	240	210
L	210	60
M	150	30
N	90	90

A1 = The average number of female teachers in all the 5 schools.

A2 = The average number of male teachers in all the 5 schools.

What is the value of (A1 + A2)?

Ans ✓ 1. 300

✗ 2. 48

✗ 3. 126

✗ 4. 174

Q.14 Angle subtended by a chord MN on the circumference of a circle is 90 degree. If radius of the circle is 12 cm, then what will be the length of chord MN?

Ans ✗ 1. 30 cm

✓ 2. 24 cm

✗ 3. 6 cm

✗ 4. 36 cm

Q.15 If cot 3A = tan (A − 36°), then what is the value of A?

Ans ✗ 1. 33.5 degree

✗ 2. 25 degree

✗ 3. 30 degree

✓ 4. 31.5 degree

Q.16 Average of 6 consecutive even numbers is 35. What will be the sum of smallest and largest even number among these 6 numbers?

Ans ✗ 1. 68

✗ 2. 72

✓ 3. 70

✗ 4. 66

Q.17 Half of the perimeter of a rectangle is 30 cm. If the length of the rectangle is 6 cm more than its breadth, then what is the area of the rectangle?

Ans

✔ 1. 216 cm^2

✘ 2. 250 cm^2

✘ 3. 185 cm^2

✘ 4. 195 cm^2

Q.18 What is the value of $\dfrac{7\times4\div8}{5\times25\div125} + \dfrac{5\times4\div8}{8\times4\div16} - \dfrac{7\times4\div2}{8\times7\div4}$?

Ans

✘ 1. 4

✘ 2. 13/4

✔ 3. 15/4

✘ 4. 9/2

Q.19 The line chart given below shows the sales of two companies A and B in 5 years.
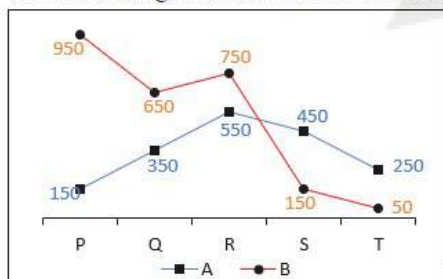
J1 = The total sales of A in all years.

J2 = The total sales of B in all years.

What is the value of (J2 − J1)?

Ans

✘ 1. 600

✘ 2. 400

✘ 3. 1000

✔ 4. 800

Q.20 A man makes four trips of equal distances. His speed on first trip was 720 km/hr and in each subsequent trip his speed was half of the previous trip. What is the average speed of the man in these four trips?

Ans
✗ 1. 104 km/hr
✗ 2. 156 km/hr
✔ 3. 192 km/hr
✗ 4. 288 km/hr

Question ID : **264330127790**
Status : **Answered**
Chosen Option : **3**

Q.21 If $9a + 9b + 9c = 81$ and $4ab + 4bc + 4ca = 160$, then what is the value of $6a^2 + 6b^2 + 6c^2$?

Ans
✗ 1. 1
✗ 2. 3
✗ 3. 4
✔ 4. 6

Question ID : **264330128229**
Status : **Answered**
Chosen Option : **4**

Q.22 If $a + \dfrac{1}{a} = 8$, then what is the value of $\dfrac{1}{a^4} + a^4$?

Ans
✗ 1. 4098
✗ 2. 3846
✔ 3. 3842
✗ 4. 4094

Question ID : **264330127802**
Status : **Answered**
Chosen Option : **3**

Q.23 If $sin\ P = \dfrac{15}{22}$, then what is the value of tan P?

Ans
✗ 1. $\dfrac{16}{\sqrt{259}}$

✗ 2. $\dfrac{22}{\sqrt{259}}$

✗ 3. $\dfrac{14}{\sqrt{259}}$

✔ 4. $\dfrac{15}{\sqrt{259}}$

Question ID : **264330126480**
Status : **Answered**
Chosen Option : **4**

Q.24 If $a : b : c = 2 : 3 : 5$ and $5b - a + 2c = 115$, then what is the value of b?

Ans
✔ 1. 15
✘ 2. 12
✘ 3. 6
✘ 4. 24

Question ID : **264330127796**
Status : **Answered**
Chosen Option : **1**

Q.25 The average weight of 100 students is 34 kg. The average weight of first 49 students is 34 kg and of last 50 students is 32 kg. What is the weight of the 50th student?

Ans
✘ 1. 138 kg
✔ 2. 134 kg
✘ 3. 130 kg
✘ 4. 136 kg

Question ID : **264330127792**
Status : **Answered**
Chosen Option : **2**

Section : **General awareness**

Q.1 In 2018, India was the _____ producer of groundnut in the world.

Ans
✘ 1. fourth largest
✘ 2. third largest
✘ 3. largest
✔ 4. second largest

Question ID : **264330125046**
Status : **Not Answered**
Chosen Option : **--**

Q.2 In 1929, under the presidency of _____, the Lahore Congress formalised the demand of Purna Swaraj.

Ans
✘ 1. Sardar Vallabhbhai Patel
✘ 2. Mahatma Gandhi
✘ 3. Subhas Chandra Bose
✔ 4. Jawaharlal Nehru

Question ID : **264330125325**
Status : **Answered**
Chosen Option : **4**

Q.3 Which of the following pairs regarding soil is correct?
I. Forest soil – These soils are loamy and silty in valley sides
II. Black soil – generally poor in phosphoric contents

Ans ✔ 1. Both I and II

✘ 2. Only I

✘ 3. Only II

✘ 4. Neither I nor II

Q.4 Which of the following pair of "player – sports" is correct?
I. Anshu Malik – Boxing
II. Eldhose Paul – Triple Jump

Ans ✔ 1. Only II

✘ 2. Neither I nor II

✘ 3. Only I

✘ 4. Both I and II

Q.5 Which of the following statements is NOT correct regarding the stratosphere?

Ans ✔ 1. It lies above the mesosphere.

✘ 2. It extends up to a height of 50 km.

✘ 3. It contains a layer of ozone gas.

✘ 4. This layer is almost free from clouds.

Q.6 Which of the following shortcut key is used to start a new line in the same cell in MS-Excel 365?

Ans ✘ 1. Tab + Enter

✔ 2. Alt + Enter

✘ 3. Ctrl + Enter

✘ 4. Shift + Enter

Q.7 11th National Seed Congress was held in _____.

Ans ✘ 1. Mysuru

✘ 2. New Delhi

✘ 3. Chennai

✔ 4. Gwalior

Q.8 Which of the following is correct regarding the Private Income?

Ans ✗ 1. Private Income = Factor income from net domestic product accruing to the private sector + National debt interest – Net factor income from abroad + Current transfers from government + Other net transfers from the rest of the world

✗ 2. Private Income = Factor income from net domestic product accruing to the private sector + National debt interest + Net factor income from abroad – Current transfers from government + Other net transfers from the rest of the world

✔ 3. Private Income = Factor income from net domestic product accruing to the private sector + National debt interest + Net factor income from abroad + Current transfers from government + Other net transfers from the rest of the world

✗ 4. Private Income = Factor income from net domestic product accruing to the private sector – National debt interest + Net factor income from abroad + Current transfers from government + Other net transfers from the rest of the world

Question ID : **264330124890**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 Which country hosted the 2023 Men's FIH Hockey World Cup?

Ans ✔ 1. India

✗ 2. England

✗ 3. Spain

✗ 4. France

Question ID : **264330125030**
Status : **Answered**
Chosen Option : **1**

Q.10 _____ and Nitin Gadkari inaugurated the 81st annual session of the Indian Roads Congress in Lucknow in October 2022.

Ans ✗ 1. Narendra Modi

✔ 2. Yogi Adityanath

✗ 3. Rahul Gandhi

✗ 4. Smriti Irani

Question ID : **264330125512**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following is the correct representation of number of atoms?

Ans ✔ 1. (given mass/molar mass) × Avogadro number

✗ 2. (avogadro number/given mass) × molar mass

✗ 3. (molar mass/given mass) × Avogadro number

✗ 4. (given mass/ Avogadro number) × molar mass

Question ID : **264330125243**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Identify the person from the given statements.
Popularly known as the "King of Pop", the best-selling American singer, songwriter and dancer.

Ans ✗ 1. Benny Andersson

✗ 2. John Lennon

✗ 3. Elton John

✓ 4. Michael Jackson

Question ID : 264330125252
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the following comes under 5th schedule of the Indian constitution?

Ans ✓ 1. Provisions related to Schedule Areas and Scheduled Tribes

✗ 2. Provisions related to Tribal areas in states of Assam, Meghalaya, Tripura, Mizoram

✗ 3. Provisions related to Oaths or Affirmations

✗ 4. Provisions related to Languages

Question ID : 264330125328
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 Elon Musk who was awarded in Starmus Festival's the Stephen Hawking Medal for Science Communication is the CEO of _____.

Ans ✗ 1. Microsoft

✓ 2. Tesla

✗ 3. Adobe Inc

✗ 4. Flipkart

Question ID : 264330125051
Status : **Answered**
Chosen Option : **2**

Q.15 World Environment Day is held every year on _____.

Ans ✓ 1. 5th June

✗ 2. 1st January

✗ 3. 29th August

✗ 4. 1st July

Question ID : 264330125239
Status : **Answered**
Chosen Option : **1**

Q.16 Which among the following is the largest container port in India as of October 2022?

Ans ✗ 1. Port Blair

✗ 2. Tuticorin Port

✗ 3. Paradip Port

✓ 4. Jawaharlal Nehru Port

Question ID : 264330125520
Status : **Answered**
Chosen Option : **4**

Q.17 The part VII of the Indian constitution has been omitted. It is related with which of the following?

Ans ✗ 1. Provision relating to property

✓ 2. States in part B of the first schedule

✗ 3. Armed forces in states in part A of the second schedule

✗ 4. Reservation for Anglo –Indian communities in parliament

Q.18 Which of the following statements is correct regarding the features of a perfectly competitive market?
I. The market consists of a large number of buyers and sellers.
II. Information is perfect.

Ans ✗ 1. Only I

✗ 2. Neither I nor II

✓ 3. Both I and II

✗ 4. Only II

Q.19 Which among the following dance forms is not related to Karnataka?

Ans ✓ 1. Rauf

✗ 2. Huttari

✗ 3. Suggi

✗ 4. Karaga

Q.20 Akham Lakshmi Devi received the sangeet Natak Akademi Award in 2018 for her contribution to _____.

Ans ✗ 1. Bharatnatyam Dance

✓ 2. Manipuri Dance

✗ 3. Kathak Dance

✗ 4. Sattriya Dance

Q.21 Which of the following Harappan town was located on Khadir Beyt in the Runn of Kutch and was divided into three parts?

Ans ✗ 1. Sotka-koh

✗ 2. Chanhudaro

✗ 3. Surkotada

✓ 4. Dholavira

Q.22 Which team was the Pro Kabaddi League (PKL) Season 8 winner?

Ans ✗ 1. Bengal Warriors

✗ 2. Bengaluru Bulls

✓ 3. Dabang Delhi K.C.

✗ 4. Patna Pirates

Question ID : **264330125355**
Status : **Answered**
Chosen Option : **3**

Q.23 Behind the cornea, there is a dark muscular structure called the _____.

Ans ✗ 1. retina

✗ 2. pupil

✓ 3. iris

✗ 4. lens

Question ID : **264330124892**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which of the statements is NOT correct regarding energy?

Ans ✗ 1. The energy possessed by a body due to its change in position or shape is called the potential energy.

✓ 2. An object of mass m moving with velocity v has a kinetic energy of (mv) /2.

✗ 3. The gravitational potential energy of an object of mass, M raised through a height, H from the earth's surface is given by MgH.

✗ 4. An object in motion possesses what is known as the kinetic energy of the object.

Question ID : **264330124894**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following is a magnetic disk?

Ans ✓ 1. Winchester

✗ 2. DVD

✗ 3. CD-RW

✗ 4. CD-R

Question ID : **264330125308**
Status : **Not Answered**
Chosen Option : **--**