Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	08/08/2023
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 **Select the ANTONYM of the word dulcet to fill in the blank.**
He has _____ words for his opponents.

Ans   ✗ 1. sweet

    ✗ 2. penurious

    ✗ 3. enliven

    ✓ 4. harsh

Question ID : **264330149853**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the option that has NO spelling or grammatical errors.**

Ans   ✗ 1. Although he had never traveled abroad before, Jack felt confident navigeting the unfamiliar castoms and language.

    ✓ 2. Although he had never travelled abroad before, Jack felt confident navigating the unfamiliar customs and language.

    ✗ 3. Although he had never traveled abroad before, Jack felt confidant navigating the unfamilliar customs and language.

    ✗ 4. Although he had never traveled abroad before, Jack felt confident navigeting the unfamilliar castoms and language.

Question ID : **264330149597**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the most appropriate ANTONYM of the given word.**
Pernicious

Ans   ✗ 1. Malicious

    ✗ 2. Wicked

    ✗ 3. Injurious

    ✓ 4. Compassionate

Question ID : **264330143218**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the most appropriate meaning of the given idiom.**

On the straight and narrow

Ans ✗ 1. The unrefined and complicated

✓ 2. The straightforward and ethically acceptable

✗ 3. The honest but dubious

✗ 4. The unpredictable though genuine

Question ID : **264330143990**
Status : **Answered**
Chosen Option : **2**

Q.5 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**
(A) a match
(B) we need to establish
(C) and student' needs
(D) teaching methods
(E) between

Ans ✗ 1. CBADE

✗ 2. BECDA

✗ 3. BACDE

✓ 4. BAEDC

Question ID : **264330148708**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the option that can be used as a one-word substitute for the given group of words.**

The allowance which is paid to wife on legal separation

Ans ✗ 1. Racisms

✗ 2. Dowry

✓ 3. Alimony

✗ 4. Money

Question ID : **264330144101**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate idiom to fill in the blank.**
Never believe anything you hear from others. Try to get every bit of information _____, if possible.

Ans ✗ 1. in the fast lane

✓ 2. straight from the horse's mouth

✗ 3. down the line

✗ 4. fair and square

Question ID : **264330143232**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate ANTONYM of the given word from the following sentence.
Suspicious
Although the web server was problematic, Sudha was certain that she will submit her form on the portal by evening.

Ans ✓ 1. certain

✗ 2. problematic

✗ 3. submit

✗ 4. portal

Question ID : **264330141299**
Status : **Answered**
Chosen Option : **1**

Q.9 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.
A) fan on because of
B) covered the noise
C) he slept with the
D) the heat, and that
E) of the baby crying

Ans ✗ 1. B, A, D, C, E

✗ 2. D, B, E, A, C

✓ 3. C, A, D, B, E

✗ 4. B, D, E, A, C

Question ID : **264330143915**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

A word or a phrase formed by rearranging a different word

Ans ✗ 1. Anaphora

✗ 2. Amateur

✓ 3. Anagram

✗ 4. Accessible

Question ID : **264330144100**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A group of fish swimming together

Ans ✗ 1. Herd

✓ 2. Shoal

✗ 3. Flock

✗ 4. Mob

Question ID : **264330144307**
Status : **Answered**
Chosen Option : **2**

Q.12 Parts of the following sentence have been given as options. Select the option that contains an error.
Sita spotted golden deer and requested Rama to capture it.

Ans ✗ 1. to capture it.

   ✓ 2. Sita spotted golden

   ✗ 3. deer and

   ✗ 4. requested Rama

Question ID : **264330149517**
Status : **Answered**
Chosen Option : **1**

Q.13 Parts of the following sentence have been given as options. Select the option that contains an error.

The committee was divided on the issue, and neither side were willing to compromise on the compensation amount to be given.

Ans ✓ 1. and neither side were willing to

   ✗ 2. amount to be given

   ✗ 3. compromise on the compensation

   ✗ 4. The committee was divided on the issue

Question ID : **264330142562**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the option that correctly expresses the following sentence in active voice.

It has been done by them.

Ans ✗ 1. They has done it.

   ✓ 2. They have done it.

   ✗ 3. They did it.

   ✗ 4. They had done it.

Question ID : **264330144334**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

The sound of rain tapping against the window was a _____ (stimulating) melody, lulling him to sleep.

Ans ✗ 1. Stressful

   ✗ 2. Troubling

   ✓ 3. Subduing

   ✗ 4. Harsh

Question ID : **264330147538**
Status : **Answered**
Chosen Option : **3**

Q.16 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.
A. one method of education
B. would only produce one kind of man
C. consists in the variety of which it is capable
D. but the great excellence of human nature

Ans   ✗ 1. ACBD

   ✓ 2. ABDC

   ✗ 3. ACDB

   ✗ 4. ABCD

> Question ID : **264330147577**
> Status : **Answered**
> Chosen Option : **2**

Q.17 Select the most appropriate synonym of the underlined word.

The decision of the committee may <u>mitigate</u> the growth of the organisation.

Ans   ✗ 1. Show

   ✗ 2. Accelerate

   ✗ 3. Divert

   ✓ 4. Lessen

> Question ID : **264330143175**
> Status : **Answered**
> Chosen Option : **4**

Q.18 Select the option that expresses the given sentence in passive voice.
Everybody knows Nelson Mandela.

Ans   ✓ 1. Nelson Mandela is known to everybody.

   ✗ 2. Nelson Mandela can be known to everybody.

   ✗ 3. Nelson Mandela knows everybody.

   ✗ 4. Nelson Mandela was known to everybody.

> Question ID : **264330149479**
> Status : **Answered**
> Chosen Option : **1**

Q.19 Select the most appropriate homophones to fill in the blanks.
He was criticised for the _____ leadership of his team. His casual body language seemed _____ for a leader.

Ans   ✗ 1. inapt; inapt

   ✗ 2. inapt; inept

   ✓ 3. inept; inapt

   ✗ 4. inept; inept

> Question ID : **264330149883**
> Status : **Not Answered**
> Chosen Option : **--**

Q.20 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.

Factories have to follow a proper procedure to dispose of the hazardous material.

Ans ✗ 1. disspose

✗ 2. proceedure

✓ 3. hazardous

✗ 4. Factouries

Question ID : **264330142644**
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.
A pathogen is a 1_____, virus, parasite or fungus that can cause disease within the body. Each pathogen is made up of several subparts, usually unique to that specific pathogen and the 2_____ it causes. The subpart of a pathogen that causes the formation of antibodies is called an 3_____. The antibodies produced in response to the pathogen's antigen are an important part of the 4_____ system. You can consider antibodies as the 5_____ in your body's defence system.

SubQuestion No : 21

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

Ans ✓ 1. bacterium

✗ 2. medicine

✗ 3. potion

✗ 4. solution

Question ID : **264330149485**
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.
A pathogen is a 1_____, virus, parasite or fungus that can cause disease within the body. Each pathogen is made up of several subparts, usually unique to that specific pathogen and the 2_____ it causes. The subpart of a pathogen that causes the formation of antibodies is called an 3_____. The antibodies produced in response to the pathogen's antigen are an important part of the 4_____ system. You can consider antibodies as the 5_____ in your body's defence system.

SubQuestion No : 22

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

Ans ✗ 1. remedy

✗ 2. cure

✗ 3. aftermath

✓ 4. disease

Question ID : **264330149486**
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.

A pathogen is a 1_____, virus, parasite or fungus that can cause disease within the body. Each pathogen is made up of several subparts, usually unique to that specific pathogen and the 2_____ it causes. The subpart of a pathogen that causes the formation of antibodies is called an 3_____. The antibodies produced in response to the pathogen's antigen are an important part of the 4_____ system. You can consider antibodies as the 5_____ in your body's defence system.

SubQuestion No : 23

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

Ans ✗ 1. agent

   ✗ 2. infection

   ✗ 3. enzyme

   ✓ 4. antigen

Question ID : **264330149487**
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.

A pathogen is a 1_____, virus, parasite or fungus that can cause disease within the body. Each pathogen is made up of several subparts, usually unique to that specific pathogen and the 2_____ it causes. The subpart of a pathogen that causes the formation of antibodies is called an 3_____. The antibodies produced in response to the pathogen's antigen are an important part of the 4_____ system. You can consider antibodies as the 5_____ in your body's defence system.

SubQuestion No : 24

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

Ans ✗ 1. health

   ✓ 2. immune

   ✗ 3. antigen

   ✗ 4. nervous

Question ID : **264330149488**
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.

A pathogen is a 1_____, virus, parasite or fungus that can cause disease within the body. Each pathogen is made up of several subparts, usually unique to that specific pathogen and the 2_____ it causes. The subpart of a pathogen that causes the formation of antibodies is called an 3_____. The antibodies produced in response to the pathogen's antigen are an important part of the 4_____ system. You can consider antibodies as the 5_____ in your body's defence system.

SubQuestion No : 25

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

Ans ✗ 1. vulnerability

✗ 2. culprits

✓ 3. soldiers

✗ 4. loophole

Question ID : **264330149489**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some goats are eagles.
All eagles are snakes.
No duck is an eagle.

Conclusions:

(I) No snake is a goat.
(II) Some ducks are snakes is a possibility.
(III) Some ducks are not goats

Ans ✓ 1. Only conclusion II follows

✗ 2. Both conclusions II and III follow

✗ 3. Only conclusion III follows

✗ 4. Both conclusions I and II follow

Question ID : **264330147462**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M

7aSQ2n

N

Ans ✗ 1. n2QSa7

✓ 2. 7aSQ2n

✗ 3. uSQ2a7

✗ 4. naSQ2n

Q.3 Select the correct combination of letters to sequentially replace the blanks and to make the given series logically complete.

X _ B _ B _ _ B B _ B _

Ans ✗ 1. BBXBXB

✗ 2. XXBBXX

✓ 3. BXBXXB

✗ 4. XBXXBX

Q.4 What should come in place of the question mark (?) in the given series?

339, 340, 348, ?, 439

Ans ✗ 1. 377

✗ 2. 492

✗ 3. 380

✓ 4. 375

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All flowers are trees.
All branches are leaves.
No flowers are leaves.

Conclusions:
(I) No branches are flowers.
(II) No trees are leaves.

Ans

✗ 1. Both conclusions (I) and (II) follow

✗ 2. Only conclusion (II) follows

✗ 3. Neither conclusion (I) nor (II) follows

✓ 4. Only conclusion (I) follows

Question ID : **264330146598**
Status : **Answered**
Chosen Option : **4**

Q.6 Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

D 13 Q, F 17 R, ?, J 25 T, L 29 U

Ans

✗ 1. G 22 R

✗ 2. G 21 S

✗ 3. H 22 R

✓ 4. H 21 S

Question ID : **264330146974**
Status : **Answered**
Chosen Option : **4**

Q.7 If the 5th of the month falls on the third day after Sunday, what will be the day on the 15th of that month?

Ans

✗ 1. Friday

✗ 2. Sunday

✓ 3. Saturday

✗ 4. Monday

Question ID : **264330147453**
Status : **Answered**
Chosen Option : **3**

Q.8 AHL is related to ELP in a certain way based on the English alphabetical order. In the same way, GMP is related to KQT. To which of the following is FQS related following the same logic?

Ans
✔ 1. JUW
✘ 2. SFQ
✘ 3. SQF
✘ 4. ITV

Question ID : **264330152079**
Status : **Answered**
Chosen Option : **1**

Q.9 In a certain code language, 'ACTION' is coded as '527491' and 'OCTANE' is coded as '759213'. What is the code for 'E' in the given code language?

Ans
✘ 1. 9
✘ 2. 7
✘ 3. 5
✔ 4. 3

Question ID : **264330147210**
Status : **Answered**
Chosen Option : **4**

Q.10 Which letter-cluster should come in place of ? in the given series based on the English alphabetical order?

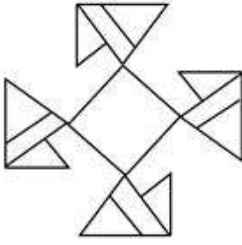XEM, ZGO, BIQ, DKS, ?

Ans
✔ 1. FMU
✘ 2. DNV
✘ 3. FOV
✘ 4. ENU

Question ID : **264330147070**
Status : **Answered**
Chosen Option : **1**

Q.11 If it was Tuesday on 21 February 2017, then what will be the day of the week on 5 February 2025? (2020 and 2024 are leap years.)

Ans
✘ 1. Thursday
✘ 2. Tuesday
✘ 3. Monday
✔ 4. Wednesday

Question ID : **264330146998**
Status : **Answered**
Chosen Option : **4**

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

Ans
✗ 1. 14
✔ 2. 12
✗ 3. 13
✗ 4. 11

Question ID : **264330146905**
Status : **Answered**
Chosen Option : **2**

Q.13 In a certain code language, 'ask the doctor' is written as 'nq sp ml' and 'you can ask' is written as 'jl ml tr'. How is 'ask' written in the given language?

Ans
✔ 1. ml
✗ 2. sp
✗ 3. tr
✗ 4. nq

Question ID : **264330147185**
Status : **Answered**
Chosen Option : **1**

Q.14 What should come in place of the question mark (?) in the given series?

3, 10, 39, ?, 885, 5346, 37471

Ans
✗ 1. 56
✗ 2. 45
✗ 3. 720
✔ 4. 172

Question ID : **264330146768**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the triad from the below options that has the same analogy as the following triads.

(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)

6 : 36 : 216

17 : 289 : 4913

Ans
✗ 1. 22 : 440 : 9000

✗ 2. 21 : 400 : 9200

✓ 3. 21 : 441 : 9261

✗ 4. 22 : 400 : 9999

Question ID : **264330150864**
Status : **Answered**
Chosen Option : **3**

Q.16 P is the father of E. E is the sister of A. A has only one brother L. T is the only grandson of P. M is the wife of A. Only one child of P is married. How is L related to T?

Ans
✗ 1. Father

✗ 2. Son

✓ 3. Father's brother

✗ 4. Mother's brother

Question ID : **264330146719**
Status : **Answered**
Chosen Option : **3**

Q.17 What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×'and '÷' are interchanged?
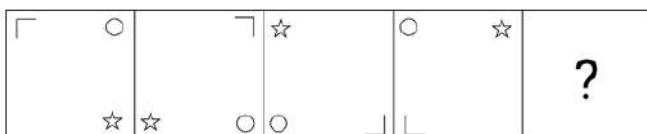
16 ÷ 4 + 15 × 5 – 47 = ?

Ans
✗ 1. 118

✗ 2. 128

✗ 3. 138

✓ 4. 108

Question ID : **264330147381**
Status : **Answered**
Chosen Option : **4**

Q.18 Identify the figure given in the options which when put in place of ? will logically complete the series.
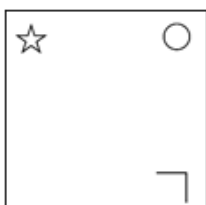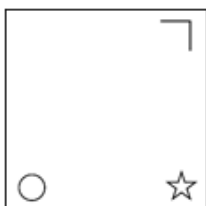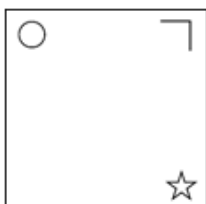

Ans

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **264330146314**
Status : **Answered**
Chosen Option : **1**

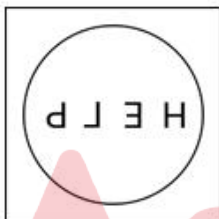**Q.19** Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

HELP

M⧄⧄⧄⧄⧄⧄N

Ans

✗ 1. HE⅂Ԛ

✗ 2. HƎ⅃Ԛ

✔ 3. НЕГЬ

✗ 4. ԀꞱƎH

Q.20 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

Ans

✗ 1. SQT

✔ 2. BEH

✗ 3. WUX

✗ 4. FDG

Q.21 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×'and '÷' are interchanged?

$27 \div 3 - 84 + 65 \times 5 = ?$

Ans ✔ 1. 152

✘ 2. 154

✘ 3. 122

✘ 4. 124

Question ID : **264330147382**
Status : **Answered**
Chosen Option : **1**

Q.22 Select the correct combination of letters to sequentially replace the blanks and to make the given series logically complete.

M _ J _ M _ _ M _ M _ _

Ans ✘ 1. MJMJMJM

✔ 2. MMJMJMJ

✘ 3. JMJJMJM

✘ 4. JJMJMMJ

Question ID : **264330150451**
Status : **Answered**
Chosen Option : **2**

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

222, 254, 227, 249, 232, 244, ?

Ans ✔ 1. 237

✘ 2. 239

✘ 3. 235

✘ 4. 242

Question ID : **264330146886**
Status : **Answered**
Chosen Option : **1**

Q.24 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

$214 - 65 \times 5 \div 7 + 21 = ?$

Ans ✘ 1. 255

✘ 2. 269

✘ 3. 279

✔ 4. 284

Question ID : **264330146410**
Status : **Answered**
Chosen Option : **4**

Q.25 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(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. 72- 89

✗ 2. 19 - 36

✗ 3. 24 - 41

✓ 4. 57- 67

Question ID : **264330147373**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 An article is marked at ₹450. If it is sold at a discount of 20%, then the selling price becomes 1.5 times of its cost price. What is the cost price (in ₹)?

Ans
✗ 1. 360

✓ 2. 240

✗ 3. 330

✗ 4. 270

Question ID : **264330147777**
Status : **Answered**
Chosen Option : **2**

Q.2 How many solid spheres are made if a metallic cone of radius 12 cm and height 24 cm is melted into sphere of radius 2 cm each?

Ans
✗ 1. 105

✗ 2. 101

✓ 3. 108

✗ 4. 103

Question ID : **264330148016**
Status : **Answered**
Chosen Option : **3**

Q.3 'If SinØ = 5/6, the value of CotØ.SinØ.CosØ is _____.

Ans

✗ 1. $\dfrac{6}{5}$

✗ 2. $\dfrac{25}{36}$

✗ 3. $\dfrac{5}{6}$

✓ 4. $\dfrac{11}{36}$

Question ID : **264330148279**
Status : **Answered**
Chosen Option : **4**

Q.4 A shopkeeper sells a table at a discount of 25% on the marked price and earns a profit of 80%. If he sells the same table at a 40% discount, then his new profit is:
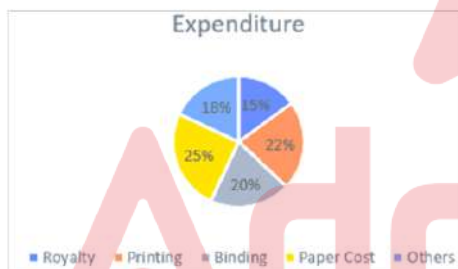
Ans

✗ 1. 31%

✓ 2. 44%

✗ 3. 33%

✗ 4. 41%

Question ID : **264330148790**
Status : **Answered**
Chosen Option : **2**

Q.5 The following pie chart shows the percentage distribution of the expenditure incurred in publishing a book.

Expenditure

18% 15%
22%
25%
20%

■ Royalty ■ Printing ■ Binding ■ Paper Cost ■ Others

Find the paper cost, if the royalty is ₹22,500

Ans

✗ 1. ₹32,500

✓ 2. ₹37,500

✗ 3. ₹30,000

✗ 4. ₹33,000

Question ID : **264330150734**
Status : **Answered**
Chosen Option : **2**

Q.6 From a cask filled with wine, 75 litres are first drawn and replaced with water. From this mixture, 60 litres are drawn and replaced with water. The ratio of wine to water in the cask is now 3 : 2. How many litres of wine did the cask initially hold?

Ans ✗ 1. 225

✗ 2. 250

✗ 3. 375

✔ 4. 300

Question ID : 264330146776
Status : **Answered**
Chosen Option : **4**

Q.7 Find the value of $\frac{\cos A}{1+\sin A} + \frac{1+\sin A}{\cos A} + 2$.

Ans ✗ 1. $1 + 2\sec A$

✗ 2. $2 - \sec A$

✗ 3. $2 + \sec A$

✔ 4. $2(1 + \sec A)$

Question ID : 264330148214
Status : **Answered**
Chosen Option : **4**

Q.8 Two numbers, when divided by a certain divisor, leave the remainder 57. When sum of the two numbers is divided by the same divisor, the remainder is 49. The divisor is:

Ans ✗ 1. 56

✗ 2. 57

✗ 3. 49

✔ 4. 65

Question ID : 264330147721
Status : **Answered**
Chosen Option : **4**

Q.9 Mahima purchased a Saree for ₹792 after successive discounts of 20% and 12%. The marked price of the Saree was:

Ans ✗ 1. ₹968

✗ 2. ₹1,025

✗ 3. ₹875

✔ 4. ₹1,125

Question ID : 264330148258
Status : **Answered**
Chosen Option : **4**

Q.10 If the curved surface area of a cylinder is increased by 20%, and height is decreased by 4%, then the net decrease or increase in the volume will be:
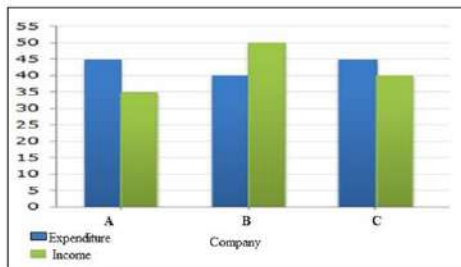
Ans

✗ 1. 36% decrease

✗ 2. 20% increase

✓ 3. 50% increase

✗ 4. 33% decrease

Question ID : **264330149762**
Status : **Answered**
Chosen Option : **3**

Q.11 The following bar graph shows the incomes and expenditures (in million rupees) of three companies in the year 2020. Study the graph and answer the question that follows.

Which company earned the maximum percentage profit (Profit is calculated on expenditure) in the year 2020, and by what percentage?

Ans

✗ 1. Company A, by 18%

✗ 2. Company B, by 20%

✓ 3. Company B, by 25%

✗ 4. Company C, by 15%

Question ID : **264330151124**
Status : **Answered**
Chosen Option : **2**

Q.12 In a linear race of 1000 m, Prakash beats Ved by 280 m, while Ved beats Rahul by 100 m. By how many metres does Prakash beat Rahul, in the same race?

Ans

✗ 1. 346

✗ 2. 350

✓ 3. 352

✗ 4. 348

Question ID : **264330147901**
Status : **Answered**
Chosen Option : **3**

Q.13 ΔLON and ΔLMN are two right-angled triangles with common hypotenuse LN such that ∠ LON = 90° and ∠ LMN = 90°. LN is the bisector of ∠ OLM. If LN = 29 cm and ON = 20 cm, then what is the perimeter (in cm) of ΔLMN?

Ans

✗ 1. 67

✗ 2. 62

✗ 3. 65

✔ 4. 70

Question ID : **264330146442**
Status : **Answered**
Chosen Option : **4**

Q.14 If $x^4 + \dfrac{1}{x^4} = 194$, $x > 0$, then find the value of $x^3 + \dfrac{1}{x^3} + x + \dfrac{1}{x}$.

Ans

✗ 1. 76

✗ 2. 66

✔ 3. 56

✗ 4. 46

Question ID : **264330147992**
Status : **Answered**
Chosen Option : **3**

Q.15 By selling a watch for ₹1,600, a person gets profit that is equal to the loss of selling the same watch for ₹1,400. If the person wants to get a profit of 20%, at what price should he sell the watch?

Ans

✔ 1. ₹1,800

✗ 2. ₹1,700

✗ 3. ₹1,850

✗ 4. ₹1,750

Question ID : **264330148136**
Status : **Answered**
Chosen Option : **1**

Q.16 On a sum of money for 2 years compound interest and simple interest are ₹550 and ₹500. Find the rate of interest (in per annum).

Ans

✗ 1. 40%

✗ 2. 10%

✔ 3. 20%

✗ 4. 30%

Question ID : **264330148200**
Status : **Answered**
Chosen Option : **3**

Q.17 Two circles with diameters 50 cm and 58 cm, respectively, intersect each other at points A and B, such that the length of the common chord is 40 cm. Find the distance (in cm) between the centres of these two circles.

Ans
✗ 1. 34
✗ 2. 37
✔ 3. 36
✗ 4. 35

Question ID : **264330146830**
Status : **Answered**
Chosen Option : **3**

Q.18 The average number of runs scored by a cricketer in 42 innings is 30. The difference between his maximum and minimum scores in an inning is 100. If these two innings are not taken into consideration, then the average score of the remaining 40 innings is 28. What are the maximum runs scored by him in an inning?

Ans
✔ 1. 120
✗ 2. 105
✗ 3. 115
✗ 4. 110

Question ID : **264330147997**
Status : **Answered**
Chosen Option : **1**

Q.19 In an army camp, there is food provision for 500 cadets for 25 days. If 125 more persons join the army camp on the first day itself, then for how many days will the provision last?

Ans
✔ 1. 20
✗ 2. 15
✗ 3. 10
✗ 4. 25

Question ID : **264330149441**
Status : **Answered**
Chosen Option : **1**

Q.20 In $\triangle ABC$, $\angle A = 5x - 60°$, $\angle B = 2x + 40°$, $\angle C = 3x - 80°$. Find m$\angle A$.

Ans
✗ 1. 75°
✗ 2. 90°
✔ 3. 80°
✗ 4. 60°

Question ID : **264330148761**
Status : **Answered**
Chosen Option : **3**

Q.21 If θ is an acute angle and $\sin\theta = \dfrac{13}{19}$, what is the value of $\cos\theta$?

Ans

✗ 1. $\dfrac{6}{19}$

✗ 2. $\dfrac{10\sqrt{2}}{19}$

✗ 3. $\dfrac{14}{19}$

✓ 4. $\dfrac{8\sqrt{3}}{19}$

Question ID : **264330146840**
Status : **Answered**
Chosen Option : **4**

Q.22 The length of the common tangent PQ for two circles touching externally is 16 cm. If the radius (OP) of the bigger circle is 20 cm, then the radius (RQ) of the smaller circle is:

Ans

✓ 1. 3.2 cm

✗ 2. 3.6 cm

✗ 3. 3.5 cm

✗ 4. 3.8 cm

Question ID : **264330147942**
Status : **Answered**
Chosen Option : **1**

Q.23 If $a + b + c = 5$ and $a^2 + b^2 + c^2 = 15$, then find the value of $a^3 + b^3 + c^3 - 3abc - 27$.

Ans

✓ 1. 23

✗ 2. 27

✗ 3. 25

✗ 4. 21

Question ID : **264330147989**
Status : **Answered**
Chosen Option : **1**

Q.24 The following table shows the month-wise temperature of four cities from January to May 2022 (in degree Celsius).

Months	Hyderabad	Bangalore	Pune	Kolkata
January	26°	22°	24°	25°
February	27°	24°	25°	26°
March	34°	30°	32°	32°
April	37°	32°	35°	34°
May	42°	36°	40°	40°

Which city recorded the maximum temperature in all five months compared with the other cities?

Ans ✗ 1. Pune

✗ 2. Bangalore

✓ 3. Hyderabad

✗ 4. Kolkata

Question ID : **264330147632**
Status : **Answered**
Chosen Option : **3**

Q.25 If $x^2 + y^2 = 427$ and $xy = 202$, then find the value of $\frac{x+y}{x-y}$.

Ans ✗ 1. $\sqrt{\frac{835}{23}}$

✗ 2. $\sqrt{\frac{830}{29}}$

✓ 3. $\sqrt{\frac{831}{23}}$

✗ 4. $\sqrt{\frac{830}{23}}$

Question ID : **264330148068**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Which of the following cell divisions is known as reduction division?

Ans ✗ 1. Telophase

✓ 2. Meiosis

✗ 3. Prophase

✗ 4. Mitosis

Question ID : **264330145839**
Status : **Answered**
Chosen Option : **4**

Q.2 Which of the following weightlifters won the BBC Indian Sportswoman of the Year award in 2022?

Ans

✗ 1. Neelam Setti Laxmi

✗ 2. Kunjarani Devi

✓ 3. Mirabai Chanu

✗ 4. Karnam Malleswari

Question ID : **264330146284**
Status : **Answered**
Chosen Option : **4**

Q.3 Which glacier is the source of river Gori Ganga which is an important tributary of river Kali?

Ans

✗ 1. Tipra Glacier

✓ 2. Milam Glacier

✗ 3. Namik Glacier

✗ 4. Kafni Glacier

Question ID : **264330145648**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which of the following is mentioned in Article 39 A of the Indian Constitution .?

Ans

✗ 1. To secure adequate means of livelihood

✓ 2. To promote equal justice and to provide free legal aid

✗ 3. Equal pay for equal work

✗ 4. Prevention of concentration of wealth

Question ID : **264330145939**
Status : **Answered**
Chosen Option : **2**

Q.5 Pongal is a festival of which state?

Ans

✗ 1. West Bengal

✓ 2. Tamil Nadu

✗ 3. Bihar

✗ 4. Odisha

Question ID : **264330144765**
Status : **Answered**
Chosen Option : **2**

Q.6 Which state has the highest sex ratio, as per the 2011 Census?

Ans
✗ 1. Mizoram

✗ 2. Nagaland

✗ 3. Manipur

✓ 4. Kerala

Question ID : **264330150275**
Status : **Answered**
Chosen Option : **4**

Q.7 Under which of the following Articles of the Indian constitution "Equality of opportunities include its reasonable classification and provisions for backward class of citizens" is provided.

Ans
✓ 1. Article 16

✗ 2. Article 18

✗ 3. Article 17

✗ 4. Article 19

Question ID : **264330151228**
Status : **Answered**
Chosen Option : **3**

Q.8 Who is credited with setting up of Brahmo Sabha, for religious reforms, in 1828, which was later called Brahma Samaj?

Ans
✗ 1. Rabindranath Tagore

✓ 2. Raja Ram Mohan Roy

✗ 3. Keshub Chandra Sen

✗ 4. Devendra Nath Tagore

Question ID : **264330150396**
Status : **Answered**
Chosen Option : **2**

Q.9 Which physicist is known for discovering that any periodic wave can be represented as an infinite number of weighted sinusoids, i.e., the sum of sine and cosine waves?

Ans
✗ 1. Louis de Broglie

✓ 2. Jean Baptiste Joseph Fourier

✗ 3. Joseph-Louis Lagrange

✗ 4. Ernest Walton

Question ID : **264330145568**
Status : **Answered**
Chosen Option : **1**

Q.10 **Which of the following laws represented by the formula T2/R3, compares the orbital period and radius of the orbit of a planet with that of other planets?**

Ans
- ✗ 1. Hubble's Law
- ✗ 2. Copernicus's Law
- ✓ 3. Kepler's Third Law
- ✗ 4. Bragg's Law

Question ID : **264330145572**
Status : **Answered**
Chosen Option : **3**

Q.11 Nirmala Paniker was honoured with which of the following awards in the year 2019 for her contribution to Mohiniyattam?

Ans
- ✓ 1. Sangeet Natak Akademi
- ✗ 2. Padma Bhushan
- ✗ 3. Padma Vibhushan
- ✗ 4. Padma Shri

Question ID : **264330145801**
Status : **Answered**
Chosen Option : **2**

Q.12 The cropping season between Rabi and Kharif is called_____.

Ans
- ✗ 1. Aman
- ✗ 2. Boro
- ✓ 3. Zaid
- ✗ 4. Aus

Question ID : **264330150297**
Status : **Answered**
Chosen Option : **3**

Q.13 Who among the following personalities is/was NOT an Indian Ghazal singer?

Ans
- ✗ 1. Begum Akhtar
- ✗ 2. Chitra Singh
- ✓ 3. Bhimsen Joshi
- ✗ 4. Jagjit Singh

Question ID : **264330145791**
Status : **Answered**
Chosen Option : **1**

Q.14 In March 2023, the Central Board of Direct Taxes extended the deadline to link Permanent Account Number (PAN) and Aadhaar from 31st March 2023 to _____.

Ans

✗ 1. 30th July 2023

✗ 2. 30th September 2023

✗ 3. 30th August 2023

✓ 4. 30th June 2023

Question ID : 264330146255
Status : **Answered**
Chosen Option : **4**

Q.15 In which of the following years was Muslim League founded?

Ans

✗ 1. 1907

✗ 2. 1905

✗ 3. 1909

✓ 4. 1906

Question ID : 264330152553
Status : **Answered**
Chosen Option : **1**

Q.16 According to Ministry of Petroleum and Natural Gas, Government of India (2021-2022), which state in India is the largest producer of natural gas?

Ans

✗ 1. Andhra Pradesh

✗ 2. Maharashtra

✗ 3. Tamil Nadu

✓ 4. Assam

Question ID : 264330150256
Status : **Answered**
Chosen Option : **4**

Q.17 While using the income method to compute national income, which of the following is NOT to be included?

A) Income from lottery

B) Brokerage on sale and purchase of shares

C) Income from illegal activities like gambling

Ans

✗ 1. A, B and C

✗ 2. B and C

✗ 3. A and B

✓ 4. A and C

Question ID : 264330145731
Status : **Not Answered**
Chosen Option : **--**

Q.18 Under the new IPL rule in 2023, who among the following Chennai Super King players became the first Impact player in the history of the tournament?

Ans
✗ 1. MS Dhoni

✗ 2. Deepak Chahar

✗ 3. Akash Singh

✓ 4. Tushar Deshpande

Question ID : 264330150086
Status : **Not Answered**
Chosen Option : --

Q.19 Which city is going to host the 2026 winter Olympics?

Ans
✗ 1. Boston

✗ 2. Beijing

✓ 3. Milan-Cortina d'Ampezzo

✗ 4. Pyeongchang

Question ID : 264330145903
Status : **Answered**
Chosen Option : 3

Q.20 The Fiscal policy achieves the macroeconomic goals by using which of the following instruments?

Ans
✓ 1. Taxes

✗ 2. SLR

✗ 3. CRR

✗ 4. Bank rate

Question ID : 264330146105
Status : **Not Answered**
Chosen Option : --

Q.21 Which of the following folk dance forms is performed by men in Haryana?

Ans
✗ 1. Khoria

✗ 2. Gidda

✗ 3. Ghoomar

✓ 4. Gugga

Question ID : 264330145763
Status : **Answered**
Chosen Option : 2

Q.22 Which of these is NOT part of the classification of economic activities carried out in an economy?

Ans
- ✗ 1. Production
- ✗ 2. Consumption
- ✗ 3. Distribution
- ✓ 4. Law and order

Question ID : **264330144661**
Status : **Answered**
Chosen Option : **4**

Q.23 Which of these statements is correct?

Ans
- ✓ 1.
  The economic wealth of a country does not necessarily depend on the possession of resources.
- ✗ 2.
  Countries endowed with natural resources are naturally the richest countries.
- ✗ 3.
  The national income of a country is the total of all its resources.
- ✗ 4.
  Whether resources are used in generating a flow of output and as a result, income and wealth, is immaterial.

Question ID : **264330144696**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The Gahadavalas ruled over which region of India?

Ans
- ✗ 1. Ajmer
- ✗ 2. Malwa
- ✓ 3. Kanauj
- ✗ 4. Patan

Question ID : **264330148556**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of these is one of the fall out of the industrial licensing system?

Ans
- ✓ 1.
  Large industrial houses availed licenses to prevent competition
- ✗ 2. Most licenses were used up by backward states
- ✗ 3. Most licenses were for importing goods
- ✗ 4. Many small private firms appropriated licenses

Question ID : **264330144726**
Status : **Not Answered**
Chosen Option : **--**