Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	15/03/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Select the most appropriate meaning of the given idiom.
Zero tolerance

Ans ✗ 1. To detect someone in the group is betraying the others

✗ 2. Riding in the front passenger seat of a car

✗ 3. To escape and not have to pay

✓ 4. A policy of not allowing any violations of a rule or law

Question ID : **264330125801**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the correct passive form of the given sentence.
The tigress was trailing the stag.

Ans ✗ 1. The stag had been trailed by the tigress.

✗ 2. The stag was trailed by the tigress.

✗ 3. The stag was trailing by the tigress.

✓ 4. The stag was being trailed by the tigress.

Question ID : **264330124029**
Status : **Answered**
Chosen Option : **4**

Q.3 Choose the word that is opposite in meaning to the given word.
Elucidate

Ans ✓ 1. Obfuscate

✗ 2. Dilate

✗ 3. Magnify

✗ 4. Outdate

Question ID : **264330124434**
Status : **Answered**
Chosen Option : **1**

Q.4 Fill in the blank with the most suitable word.
A haze of panic blurred my vision; something terrible was close to _____.

Ans ✗ 1. happened

✓ 2. happening

✗ 3. happens

✗ 4. has happened

Question ID : **264330125965**
Status : **Answered**
Chosen Option : **2**

Q.5 Fill in the blank with an appropriate option.
AWS offers various storage services that can _____ data for your website.

Ans ✓ 1. store

✗ 2. stack

✗ 3. pour

✗ 4. barge

Question ID : **264330124495**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the most appropriate antonym of the given word.
TIMID

Ans ✗ 1. SMELLY

✓ 2. COURAGEOUS

✗ 3. LUCID

✗ 4. CAREFUL

Question ID : **264330125877**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. In case no improvement is needed, select 'No improvement'.
(That's one of the strongest swear word) in Spanish.

Ans ✗ 1. That is of the strongest swear words

✗ 2. That's the strongly swear words

✓ 3. That's one of the strongest swear words

✗ 4. No improvement

Question ID : **264330124743**
Status : **Answered**
Chosen Option : **3**

Q.8 Fill in the blank with an appropriate option.
No matter how many times I try, I always end up in the same _____.

Ans ✗ 1. sauce

✗ 2. meal

✓ 3. pickle

✗ 4. account

Question ID : **264330124288**
Status : **Answered**
Chosen Option : **2**

Q.9 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To bridge the gap

Ans ✓ 1. To reduce differences and reconcile

✗ 2. To push people apart

✗ 3. To mend a broken bridge

✗ 4. To slander someone

Question ID : **264330124046**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the word that is opposite in meaning (ANTONYM) to the word given below
Timorous

Ans ✔ 1. Brazen

✘ 2. Scared

✘ 3. Gutless

✘ 4. Reserved

Question ID : **264330125904**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I try to **travelling lightly**, packing only the bare essentials.

Ans ✘ 1. No improvement

✘ 2. travelled light

✘ 3. travels lightly

✔ 4. travel lightly

Question ID : **264330124016**
Status : **Answered**
Chosen Option : **4**

Q.12 Choose the option that is the correct direct form of the sentence.
Shubham said that his father was playing cricket with him.

Ans ✘ 1. Shubham said, "My father played cricket with me."

✔ 2. Shubham said, "My father is playing cricket with me."

✘ 3. Shubham said, "My father was playing cricket with me."

✘ 4. Shubham said, "My father had played cricket with me."

Question ID : **264330125786**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the most appropriate 'one word' for the expression given below.
Study of human being & their ancestors through time.

Ans ✔ 1. Anthropology

✘ 2. Physiology

✘ 3. Biology

✘ 4. Ethnology

Question ID : **264330125962**
Status : **Answered**
Chosen Option : **1**

Q.14 Rearrange the parts of the sentence in correct order.
The team plans to
P. flowering and fruit production in apple trees
Q. use the data to get a better understanding of
R. health-promoting compounds of interest and employ
S. biotechnological approaches that could speed up

Ans ✔ 1. QRSP

✘ 2. PQRS

✘ 3. RSPQ

✘ 4. QSPR

Question ID : **264330124663**
Status : **Answered**
Chosen Option : **1**

Q.15 Given below are four jumbled sentences. Pick the option that gives their correct order.
The immediate context of the Dunkirk evacuation was Germany's invasion of the Low Countries and northern France in May 1940.
P. The Dutch defenders fell back westward, and by noon on May 12 German tanks were on the outskirts of Rotterdam.
Q. Queen Wilhelmina and her government left the country for England on May 13, and the next day the Dutch army surrendered to the Germans.
R. On May 10 the German blitzkrieg attack on the Netherlands began with the capture by parachutists of key bridges deep within the country, with the aim of opening the way for mobile ground forces.
S. The invasion of Belgium also began on May 10, when German airborne troops landed on the fortress of Eben Emael, immediately opposite Maastricht, and on bridges over the Albert Canal.
On May 11 the Belgian front was broken, and German tanks ran on westward while Belgian, French, and British divisions fell back to a line between Antwerp and Namur.

Ans ✘ 1. PSRQ

✔ 2. RPQS

✘ 3. PRSQ

✘ 4. QPRS

Question ID : **264330125796**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the wrongly spelt word.

Ans ✘ 1. Malleable

✘ 2. Nascent

✘ 3. Obsequious

✔ 4. Dissiminate

Question ID : **264330125803**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the word that is closest in meaning (SYNONYM) to the word given below.
VAULT

Ans ✘ 1. Ration

✔ 2. Crypt

✘ 3. Raisins

✘ 4. Monarch

Question ID : **264330125807**
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'.
A key institution is the judiciary, especially the Supreme Court, with a widely remit and a wise legacy.

Ans ✔ 1. a widely remit and a wise legacy.

✘ 2. especially the Supreme Court, with

✘ 3. A key institution is the judiciary,

✘ 4. No error

Question ID : **264330124032**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the wrongly spelt word.

Ans ✘ 1. Invulnerable

✘ 2. Intrepid

✘ 3. Litigation

✔ 4. Fortuous

Question ID : **264330125804**
Status : **Answered**
Chosen Option : **3**

Q.20 Identify the segment in the sentence which contains a grammatical error. If there is no error, then select the option "No error".
The presidential election/ turned out to be one of/ the biggest landslide in history.

Ans ✘ 1. turned out to be one of

✘ 2. The presidential election

✘ 3. No error

✔ 4. the biggest landslide in history.

Question ID : **264330125787**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The modern pizza was originally (1)._____ in Naples, Italy but the word pizza is Greek in (2)._____, derived from the Greek word pēktos meaning solid or clotted. The ancient (3)._____ covered their bread with oils, herbs and cheese. The first major (4)._____ that led to flat bread pizza was the use of tomato as a topping. It was common for the poor of the area around Naples to add (5)._____ to their yeast-based flat bread, and so the pizza began.

SubQuestion No : 21

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

Ans ✘ 1. pervaded

✘ 2. arcaded

✘ 3. assumed

✔ 4. invented

Question ID : **264330125790**
Status : **Not Answered**
Chosen Option : **--**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The modern pizza was originally (1)._____ in Naples, Italy but the word pizza is Greek in (2)._____, derived from the Greek word pēktos meaning solid or clotted. The ancient (3)._____ covered their bread with oils, herbs and cheese. The first major (4)._____ that led to flat bread pizza was the use of tomato as a topping. It was common for the poor of the area around Naples to add (5)._____ to their yeast-based flat bread, and so the pizza began.

SubQuestion No : 22

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

Ans ✗ 1. align

✔ 2. origin

✗ 3. villain

✗ 4. bulletin

> Question ID : **264330125791**
> Status : **Answered**
> Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The modern pizza was originally (1)._____ in Naples, Italy but the word pizza is Greek in (2)._____, derived from the Greek word pēktos meaning solid or clotted. The ancient (3)._____ covered their bread with oils, herbs and cheese. The first major (4)._____ that led to flat bread pizza was the use of tomato as a topping. It was common for the poor of the area around Naples to add (5)._____ to their yeast-based flat bread, and so the pizza began.

SubQuestion No : 23

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

Ans ✗ 1. Indians

✔ 2. Greeks

✗ 3. Romans

✗ 4. Spaniards

> Question ID : **264330125792**
> Status : **Answered**
> Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The modern pizza was originally (1)._____ in Naples, Italy but the word pizza is Greek in (2)._____, derived from the Greek word pēktos meaning solid or clotted. The ancient (3)._____ covered their bread with oils, herbs and cheese. The first major (4)._____ that led to flat bread pizza was the use of tomato as a topping. It was common for the poor of the area around Naples to add (5)._____ to their yeast-based flat bread, and so the pizza began.

SubQuestion No : 24

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

Ans ✗ 1. observation

✗ 2. aggravation

✔ 3. innovation

✗ 4. cultivation

> Question ID : **264330125793**
> Status : **Answered**
> Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The modern pizza was originally (1)._____ in Naples, Italy but the word pizza is Greek in (2)._____, derived from the Greek word pēktos meaning solid or clotted. The ancient (3)._____ covered their bread with oils, herbs and cheese. The first major (4)._____ that led to flat bread pizza was the use of tomato as a topping. It was common for the poor of the area around Naples to add (5)._____ to their yeast-based flat bread, and so the pizza began.

SubQuestion No : 25

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

Ans ✗ 1. potato

✗ 2. onion

✗ 3. herb

✓ 4. tomato

Question ID : **264330125794**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 After interchanging the given two numbers (not digits) what will be the values of expression (I) and (II) respectively?
6 and 4
I. 10 × 6 − 30 ÷ 4 + 20
II. 8 − 4 × 5 + 6 ÷ 2

Ans ✗ 1. 10 and −6

✗ 2. 12 and −6

✗ 3. 20 and 55

✓ 4. 55 and −20

Question ID : **264330127340**
Status : **Answered**
Chosen Option : **4**

Q.2 यदि H, R की बेटी है, R,S का पिता है, S,T का बेटा है, T,N की बेटी है, तो H का N से क्या संबंध है?

Ans ✓ 1. बेटी की बेटी

✗ 2. भांजी

✗ 3. बेटी

✗ 4. बहू

Question ID : **264330127502**
Status : **Answered**
Chosen Option : **1**

Q.3 Three of the four group of words are alike in some manner. Select the odd group of words.

Ans ✓ 1. (Stock, Troupe, Robber)

✗ 2. (Team, Council, Bouquet)

✗ 3. (Crowd, Army, Herd)

✗ 4. (Shoal, Flock, Chorus)

Question ID : **264330126730**
Status : **Answered**
Chosen Option : **1**

Q.4 If in a certain code language, 'BASE' is coded as '27', then what is the code of 'COLLECTION' in the same coded language?

Ans ✔ 1. 108

✘ 2. 107

✘ 3. 110

✘ 4. 111
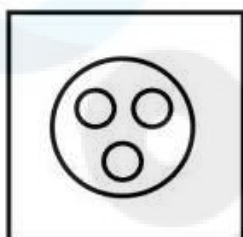
Q.5 Select the Venn diagram that best represents the relationship between the following classes.

Language, Punjabi, Hindi, Malyalam

Ans

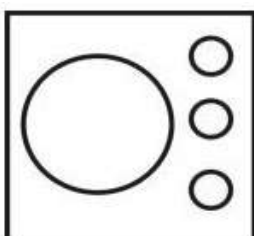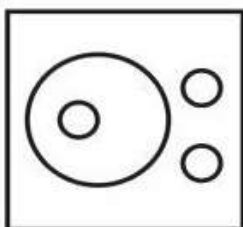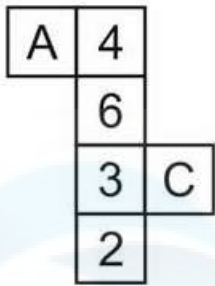✔ 1.

✘ 2.

✘ 3.

✘ 4.
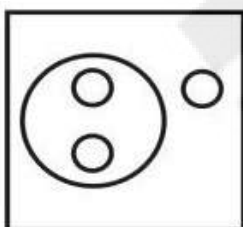
Q.6 By folding the given paper, which of the following box can be made?

Ans

✗ 1.

✗ 2.

✗ 3.
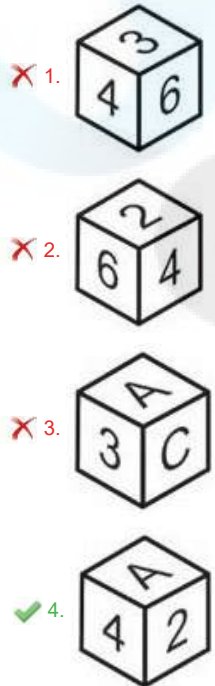
✔ 4.

Q.7 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.
Soldiers : Army :: ?

Ans ✗ 1. Class : Pupils

✔ 2. Cattle : Herd

✗ 3. Team : Players

✗ 4. Singers : Gang

Q.8 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.
E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans ✗ 1. 1111 – 1234321

✓ 2. 11111 – 1234554321

✗ 3. 111 – 12321

✗ 4. 111111 – 12345654321

Question ID : **264330126695**
Status : **Answered**
Chosen Option : **2**

Q.9 In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
I. Each correct is wrong.
II. No wrong is right.

Conclusions:
I. No correct is right.
II. Some wrongs are correct.

Ans ✗ 1. Only conclusion II follows.

✓ 2. Both conclusion I and II follow.

✗ 3. Neither conclusion I nor II follow.
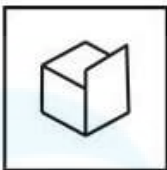
✗ 4. Only conclusion I follows.

Question ID : **264330127506**
Status : **Answered**
Chosen Option : **2**

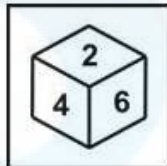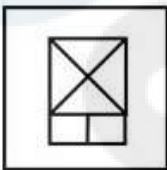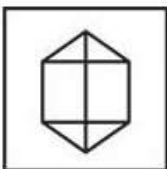**Q.10** Select the option figure in which the given figure is embedded. (Rotation is NOT allowed).
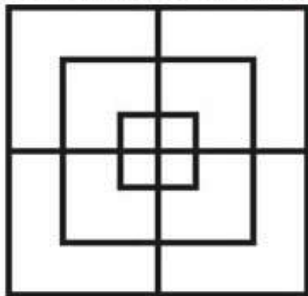
Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.11 How many maximum squares are there in the given figure?

Ans   ✗ 1. 8

✗ 2. 12

✓ 3. 15

✗ 4. 18

Q.12 Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

m c _ b c m _ c b b c _ m _ b b c m

Ans ✗ 1. mccb

    ✓ 2. bmmc

    ✗ 3. cbmb

    ✗ 4. bcmb

Q.13 Two positions of a dice are given below. What will come on the face opposite to the face containing 'R' on it?

Ans ✗ 1. A

    ✗ 2. H

    ✗ 3. Q

    ✓ 4. P

Q.14 Three of the following four letter clusters are alike in a certain way and one is different. Pick the cluster that is different from the rest.

Ans ✓ 1. EFG

    ✗ 2. BDC

    ✗ 3. OQP

    ✗ 4. VXW

Q.15 If 'A' means '×', 'B' means '+', 'C' means '–' and 'D' means '÷', then 66 A 3 D 11 B 43 C 48 D 12 = ?

Ans ✗ 1. 47

    ✗ 2. 61

    ✗ 3. 43

    ✓ 4. 57

Q.16 In a certain code language, 'MAZZA' is written as 'OBBAC' and 'BLACK' is written as 'DMCDM'. How will 'FUZZY' be written in that language?

Ans ✗ 1. HVBBA

    ✓ 2. HVBAA

    ✗ 3. HTBAA

    ✗ 4. HVBZA

Q.17 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)
(13, 14, 108)
(51, 12, 252)

Ans ✖ 1. (17, 14, 134)

✖ 2. (33, 42, 280)

✔ 3. (29, 14, 172)

✖ 4. (19, 26, 160)

Q.18 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.
1. College
2. School
3. Employment
4. Salary
5. Child

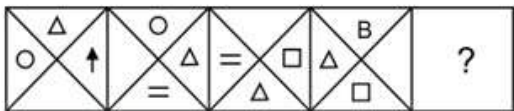Ans ✔ 1. 5,2,1,3,4

✖ 2. 5,2,3,4,1

✖ 3. 5,2,1,4,3

✖ 4. 5,1,2,3,4

Q.19 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
183 : 6 : : 164 : 4 : : 122 : ?

Ans ✖ 1. 2

✖ 2. 8

✖ 3. 4

✔ 4. 6

Q.20 Select the figure that will come next in the following figure series.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Q.21 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)
(18, 25, 46)
(24, 31, 52)

Ans ✗ 1. (19, 24, 47)

✗ 2. (20, 27, 34)

✗ 3. (16, 21, 44)

✔ 4. (13, 20, 41)

Q.22 In the following question, select the related letters from the given alternatives.
NA : SF :: OB : ?

Ans ✗ 1. RG

✗ 2. IJ

✔ 3. TG

✗ 4. TH

Q.23 Select the option that is related to the third term on the same basis as the second term is related to the first term.

Mirror : Reflection of light :: Prism : ?

Ans ✗ 1. Scattering of light

✔ 2. Dispersion of light
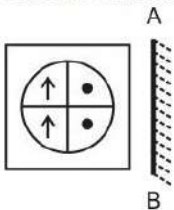
✗ 3. Reflection of light

✗ 4. Inversion of light

Q.24 In the following question, select the missing number from the given series.

36, 18, 54, 27, 81, ?, 121.5

Ans ✗ 1. 40

✗ 2. 38

✔ 3. 40.5

✗ 4. 41.5

Q.25 Select the correct mirror image of the given figure when the mirror is placed to its right side.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Section : **Quantitative Aptitude**

Q.1 The following bar graph shows the marks of a student from 5 different subjects in 2015 and 2016. Total marks scored in History for 2016 is what per cent of the total marks of Civics for both years ?
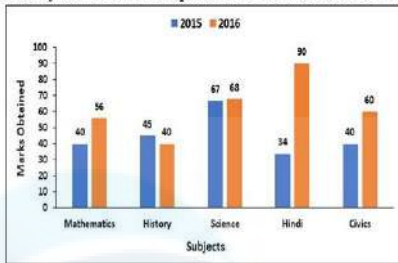
Ans

✗ 1. 55%

✔ 2. 40%

✗ 3. 60%

✗ 4. 50%

Q.2 The following bar-graph represents the income and expenditures (Rs.in thousands) of five companies A, B, C, D and E in the year 2021.

Which company suffered the maximum percentage of loss in the year 2021 ?

Ans

✗ 1. B

✗ 2. E

✗ 3. C

✔ 4. A
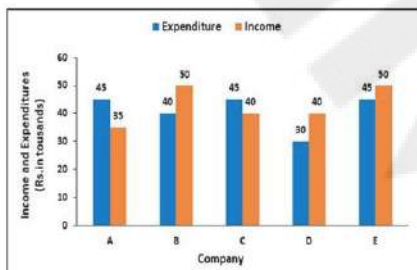
Q.3 What is the value of $(.91)^3 + (.09)^3 / [(.91)^2 - .0819 + (.09)^2]$?

Ans

✔ 1. 1

✗ 2. 5

✗ 3. 4

✗ 4. 6

Q.4 The line chart given below shows the cost price and value of profit of 6 articles J, K, L, M, N and P.
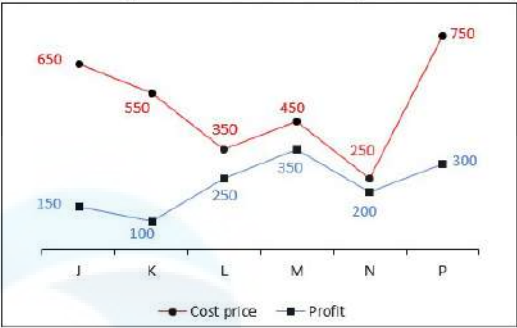
Which of the following statement is correct?

I. The combined cost price of J and K is 100 percent more than the combined profit of L and M.

II. The ratio of combined profit of N and P to the combined cost price of K and M is 2 : 1.

Ans
✔ 1. Only I

✘ 2. Neither I nor II

✘ 3. Both I and II

✘ 4. Only II

Q.5 The line chart given below shows the population of two states P and Q in 5 years.
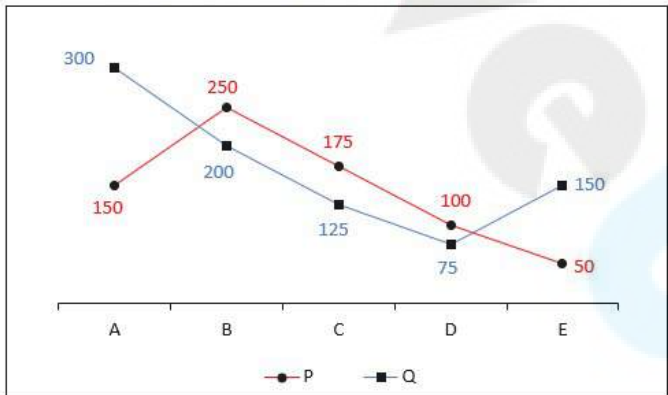
What is the difference between the total population of P and Q in all the years?

Ans
✘ 1. 75

✔ 2. 125

✘ 3. 150

✘ 4. 275

Q.6 What is the sum of all two digit even numbers?

Ans
- ✗ 1. 2520
- ✗ 2. 2470
- ✓ 3. 2430
- ✗ 4. 2410

Q.7 The value of $117 \div 45$ of $(1/5) + (12/5) \times (20/3)$ is:

Ans
- ✗ 1. 28
- ✓ 2. 29
- ✗ 3. 31
- ✗ 4. 27

Q.8 Simplify the following expression: $\dfrac{1-\sin A}{\cos A} + \dfrac{\cos A}{1-\sin A}$

Ans
- ✗ 1. 2 sinA
- ✗ 2. 2 cosA
- ✓ 3. 2 secA
- ✗ 4. 2 tanA

Q.9 The average age of 5 children of a family is 15 years. Average age of children together with their father and mother is 25 years. If the father is older than the mother by 4 years, then find the age of mother (in years).

Ans
- ✗ 1. 44
- ✓ 2. 48
- ✗ 3. 46
- ✗ 4. 52

Q.10 If $N + \frac{1}{N} = \sqrt{3}$, then find the value of $N^6 + \frac{1}{N^6} + 11$.

Ans   ✗ 1. -11

     ✓ 2. 9

     ✗ 3. -2

     ✗ 4. 11

Question ID : **264330128579**
Status : **Answered**
Chosen Option : **4**

Q.11 Nakul went to the market to buy groceries. He has some money with him, 20% of which he used to buy wheat flour, 25% of the remaining money is spent on cooking oils. If he is left with Rs.900, then find out total amount of money that Nakul had.

Ans   ✓ 1. Rs.1,500

     ✗ 2. Rs.1,200

     ✗ 3. Rs.1,350

     ✗ 4. Rs.1,800

Question ID : **264330128494**
Status : **Answered**
Chosen Option : **1**

Q.12 The difference between simple interest on a certain sum at the annual rate of 8 percent for 5 years and 6 years is Rs. 26. What is the sum?

Ans   ✓ 1. Rs. 325

     ✗ 2. Rs. 240

     ✗ 3. Rs. 290

     ✗ 4. Rs. 360

Question ID : **264330127722**
Status : **Answered**
Chosen Option : **1**

Q.13 ΔPQR is similar to ΔUVW. Perimeter of ΔPQR and ΔUVW are 120 cm and 240 cm respectively. If PQ = 30 cm, then what is the length of UV?

Ans   ✗ 1. 45 cm

     ✓ 2. 60 cm

     ✗ 3. 75 cm

     ✗ 4. 90 cm

Question ID : **264330127975**
Status : **Answered**
Chosen Option : **2**

Q.14 If cos (A + B) = 0 and sin (A – B) = 0, then what is the value of angle A and angle B? (0 degree < A, B ≤ 90 degree)

Ans
- ✗ 1. 20 degree, 70 degree
- ✓ 2. 45 degree, 45 degree
- ✗ 3. 15 degree, 75 degree
- ✗ 4. 60 degree, 30 degree

Q.15 24 equal solid hemispheres are melted to form a right circular cylinder of radius 12 cm and height 24 cm. Find the radius of each solid hemisphere.

Ans
- ✓ 1. 6 cm
- ✗ 2. 8 cm
- ✗ 3. 3 cm
- ✗ 4. 4 cm

Q.16 The three sides of a triangle are 7 cm, 9 cm and 8 cm. What is the area of the triangle ?

Ans
- ✓ 1. $12\sqrt{5}$ Sq. cm
- ✗ 2. $10\sqrt{3}$ Sq. cm
- ✗ 3. $12\sqrt{3}$ Sq. cm
- ✗ 4. $2\sqrt{5}$ Sq. cm

Q.17 If sec x + tan x = 5 and cosec y - cot y = 1/3, then find the value of (sec x + cosec y) - (tan x - cot y).

Ans
- ✗ 1. 2.2
- ✓ 2. 3.2
- ✗ 3. 4.2
- ✗ 4. 3.1

Q.18 In a circle, the length of a chord is 30 cm. The perpendicular distance of the chord from the centre of the circle is 8 cm . Find the diameter of the circle.

Ans
- ✓ 1. 34 cm
- ✗ 2. 17 cm
- ✗ 3. 30 cm
- ✗ 4. 28 cm

Q.19 If an article is sold at 9/10th of its usual selling price, 20% profit would be made on it. Find the profit percentage which would have been made on it on selling it at its usual selling price.

Ans
- ✔ 1. 33.33%
- ✘ 2. 25%
- ✘ 3. 30%
- ✘ 4. 20%

Question ID : **264330128570**
Status : **Answered**
Chosen Option : **1**

Q.20 Rahul alone can complete a work in 10 days and Sonu alone can complete the same work in 15 days. If they work together for 4 days, then what part of total work is left?

Ans
- ✘ 1. 2/5
- ✘ 2. 2/3
- ✘ 3. 1/5
- ✔ 4. 1/3

Question ID : **264330127714**
Status : **Answered**
Chosen Option : **4**

Q.21 What is the value of $\dfrac{(a+b)^2-(a-b)^2}{ab}$?

Ans
- ✘ 1. 1
- ✔ 2. 4
- ✘ 3. 8
- ✘ 4. 2

Question ID : **264330128278**
Status : **Answered**
Chosen Option : **4**

Q.22 A truck covers three equal distances of 100 km at the speed of 200 km/hr, 300 km/hr and 600 km/hr. Find the average speed of the truck for the whole journey.

Ans
- ✔ 1. 300 km/h
- ✘ 2. 327 km/h
- ✘ 3. 366.66 km/h
- ✘ 4. 250 km/h

Question ID : **264330128490**
Status : **Answered**
Chosen Option : **1**

Q.23 An article is sold for Rs.560 after two successive discounts of 30% and 20%. What is marked price of the article ?

Ans
- ✔ 1. Rs.1000
- ✘ 2. Rs.800
- ✘ 3. Rs.920
- ✘ 4. Rs.700

Question ID : **264330128568**
Status : **Answered**
Chosen Option : **1**

Q.24 A sum of money is to be divided among P, Q and R in the ratio 7 : 9 : 4. If P gets Rs. 1500 more than R then find the difference between the shares of P and Q.

Ans
- ✗ 1. Rs.900
- ✗ 2. Rs.500
- ✓ 3. Rs.1,000
- ✗ 4. Rs.1,500

Question ID : **264330128496**
Status : **Answered**
Chosen Option : **3**

Q.25 If the square of product of three sides of the triangle is 1024 units and the area of its circumcircle is 16π, what is the area of the given triangle ?

Ans
- ✓ 1. 2 sq. units
- ✗ 2. 3 sq. units
- ✗ 3. 2.5 sq. units
- ✗ 4. 4 sq. units

Question ID : **264330128501**
Status : **Answered**
Chosen Option : **4**

Section : **General awareness**

Q.1 In 1809, Lord _____ signed the Amritsar Treaty with Maharaja Ranjit Singh.

Ans
- ✗ 1. Michael John Hastings
- ✗ 2. William Bentinck
- ✗ 3. James Andrew Ramsay - Dalhousie
- ✓ 4. Charles T. Metcalfe

Question ID : **264330125599**
Status : **Not Answered**
Chosen Option : **--**

Q.2 The Sino-Indian border is divided into how many sectors?

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

Question ID : **264330125672**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Who among the following was considered to be the queen of thumri?

Ans
- ✓ 1. Girija Devi
- ✗ 2. Rumi
- ✗ 3. Mirza Ghalib
- ✗ 4. Rattan Mohan Sharma

Question ID : **264330125711**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Who among the following singers has received the Dadasaheb Phalke Award?

Ans ✗ 1. Geeta Dutt

✗ 2. Sonu Nigam

✗ 3. Talat Mahmood

✓ 4. Asha Bhosle

Question ID : **264330125226**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Which among the following generations of Computer used vacuum tubes?

Ans ✓ 1. First Generation

✗ 2. Third Generation

✗ 3. Fourth Generation

✗ 4. Second Generation

Question ID : **264330125584**
Status : **Answered**
Chosen Option : **1**

Q.6 Which among the following is not required to be the Vice-President of India?

Ans ✗ 1. He should not hold any office of profit under the Union government or any state government or any local authority or any other public authority.

✓ 2. He should have completed 40 years of age.

✗ 3. He should be a citizen of India.

✗ 4. He should be qualified for election as a member of the Rajya Sabha.

Question ID : **264330125604**
Status : **Answered**
Chosen Option : **2**

Q.7 In India, Silver fir, junipers, pines and birches are the common trees of which of the following forests?

Ans ✗ 1. Tropical Evergreen Forests

✗ 2. Tropical Deciduous Forests

✗ 3. Mangrove Forests

✓ 4. Montane Forests

Question ID : **264330125296**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which among the following Vitamins is known as Niacin?

Ans ✗ 1. Vitamin B2

✗ 2. Vitamin B1

✗ 3. Vitamin B4

✓ 4. Vitamin B3

Question ID : **264330125592**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which of these books is written by Ruskin Bond?

Ans ✗ 1. Home in the World

✗ 2. The Great Big Lion

✗ 3. In an Ideal World

✓ 4. It's a Wonderful Life

Question ID : **264330124827**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who hosted the first meeting of India-Central Asia Summit?

Ans ✓ 1. India

✗ 2. Kyrgyzstan

✗ 3. Kazakhstan

✗ 4. Tajikistan

Question ID : **264330124814**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following is NOT an application of third law of motion?

Ans ✓ 1. A fielder pulls his hands gradually with the moving ball while holding a catch.

✗ 2. Colliding with player while kicking a football and feeling hurt.

✗ 3. As the sailor jumps in forward direction, the boat moves backwards.

✗ 4. A forward force on the bullet and recoil of the gun.

Question ID : **264330124818**
Status : **Answered**
Chosen Option : **2**

Q.12 The book 'Your Best Day is Today!' is written by _____.

Ans ✗ 1. Pope Francis

✗ 2. Gauri Khan

✓ 3. Anupam Kher

✗ 4. Meena Iyer

Question ID : **264330125301**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following pairs of "players from one team on court – sports" is correct?
I. 5 – basketball
II. 9 – handball

Ans ✗ 1. Neither I nor II

✓ 2. Only I

✗ 3. Only II

✗ 4. Both I and II

Question ID : **264330124832**
Status : **Answered**
Chosen Option : **1**

Q.14 Which article of the Indian Constitution specifies Hindi as official language of the Union?

Ans
  ✗ 1. Article 51A

  ✗ 2. Article 370

  ✓ 3. Article 343

  ✗ 4. Article 80

> Question ID : **264330125678**
> Status : **Answered**
> Chosen Option : **3**

Q.15 In which year did Saina Nehwal win the Olympic bronze medal in the individual women's Badminton competition?

Ans
  ✓ 1. 2012

  ✗ 2. 2016

  ✗ 3. 2008

  ✗ 4. 2004

> Question ID : **264330125705**
> Status : **Answered**
> Chosen Option : **2**

Q.16 Which generation of computers used machine code as the programming language?

Ans
  ✗ 1. Second

  ✓ 2. First

  ✗ 3. Third

  ✗ 4. Fourth

> Question ID : **264330125658**
> Status : **Answered**
> Chosen Option : **3**

Q.17 _____ states that the rates of diffusion of gases are inversely proportional to the square roots of their densities under similar conditions of temperature and pressure.

Ans
  ✓ 1. Graham's Law

  ✗ 2. Tyndall's Law

  ✗ 3. Pascal's Law

  ✗ 4. Kepler's Law

> Question ID : **264330125594**
> Status : **Not Answered**
> Chosen Option : **--**

Q.18 Which of the following statements is correct regarding the demand curve?
I. It is a graphical representation of the demand function.
II. It gives the quantity demanded by the consumer at each price.

Ans
  ✗ 1. Neither I nor II

  ✓ 2. Both I and II

  ✗ 3. Only II

  ✗ 4. Only I

> Question ID : **264330124816**
> Status : **Answered**
> Chosen Option : **2**

Q.19 In approximately how much time does Mars complete one spin on its axis?

Ans ✗ 1. 16 hours

✗ 2. 18 hours

✗ 3. 1 day 18 hours

✓ 4. 1 day

Question ID : **264330124823**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who won the men's singles title at the US Open 2022?

Ans ✓ 1. Carlos Alcaraz

✗ 2. Alfie Hewett

✗ 3. Shingo Kunieda

✗ 4. Casper Ruud

Question ID : **264330124806**
Status : **Answered**
Chosen Option : **1**

Q.21 Which among the following is the oldest stock exchange in India?

Ans ✗ 1. Multi-Commodity Exchange

✓ 2. Bombay Stock Exchange

✗ 3. National Stock Exchange

✗ 4. National Commodity and Derivatives Exchange

Question ID : **264330125590**
Status : **Answered**
Chosen Option : **2**

Q.22 India's short-range Ballistic Missile, Prithvi II was successfully test fired from _____.

Ans ✗ 1. Rutland Island, Andaman

✗ 2. Sriharikota, Andhra Pradesh

✗ 3. Machilipatnam, Andhra Pradesh

✓ 4. Chandipur, Odisha

Question ID : **264330124813**
Status : **Answered**
Chosen Option : **1**

Q.23 Meghaduta was written by which poet of ancient India?

Ans ✓ 1. Kalidasa

✗ 2. Vyasa

✗ 3. Ravikirti

✗ 4. Harisena

Question ID : **264330125675**
Status : **Answered**
Chosen Option : **1**

Q.24 Gopika Varma is a classical dancer of _____.

Ans   ✓ 1. Mohiniattam

   ✗ 2. Kathak

   ✗ 3. Manipuri

   ✗ 4. Kuchipudi

Question ID : **264330125185**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following hills are NOT part of the Purvachal hills?

Ans   ✗ 1. Manipur hills

   ✗ 2. Naga hills

   ✓ 3. Patli hills

   ✗ 4. Mizo hills

Question ID : **264330125221**
Status : **Not Answered**
Chosen Option : **--**