Combined Higher Secondary Level Examination Tier I 2022

Roll Number	**Join Telegram for GK/GS**
Candidate Name	**Join Telegram for GK/GS**
Venue Name	Pawan Ganga Educational Centre 1
Exam Date	14/03/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 **Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.**
Scientists have a few tricks up their sleeves for dealing with the universe other objects.

Ans ✗ 1. their sleeves for dealing with

✗ 2. Scientists have a few tricks up

✗ 3. No error

✓ 4. the universe other objects

Question ID : **264330124578**
Status : **Answered**
Chosen Option : **4**

Q.2 **Choose the word that means the same as the given word.**
Pacific

Ans ✓ 1. Mollifying

✗ 2. Bellicose

✗ 3. Inimical

✗ 4. Chafing

Question ID : **264330124467**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the word that is closest in meaning (SYNONYM) to the word given below.**
Ferocious

Ans ✓ 1. Frightful

✗ 2. Mild

✗ 3. Conscientious

✗ 4. Tame

Question ID : **264330124754**
Status : **Answered**
Chosen Option : **1**

Q.4 **Fill in the blank with an appropriate option.**
Pandavas returned to Hastinapur after their thirteen years of _____.

Ans ✗ 1. acceptance

✗ 2. entertainment

✗ 3. eminence

✓ 4. exile

Question ID : **264330124158**
Status : **Answered**
Chosen Option : **4**

Q.5 Choose the incorrectly spelt word.

Ans ✓ 1. Guilde

✗ 2. Build

✗ 3. Shield

✗ 4. Field

Question ID : **264330124463**
Status : **Answered**
Chosen Option : **1**

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

Ans ✗ 1. INTERCEDE

✓ 2. ADVANCE

✗ 3. HAMPER

✗ 4. JAM

Question ID : **264330125825**
Status : **Answered**
Chosen Option : **2**

Q.7 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The thieves entered a house at night and **decamp with valuable** worth Rs. 50,000.

Ans ✓ 1. decamped with valuables

✗ 2. No improvement

✗ 3. decamps with valuable

✗ 4. decamping with valuably

Question ID : **264330124484**
Status : **Answered**
Chosen Option : **1**

Q.8 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
His father was **few proud** of his power over the horse.

Ans ✗ 1. No improvement

✗ 2. much proudest

✓ 3. very proud

✗ 4. very proudly

Question ID : **264330124640**
Status : **Answered**
Chosen Option : **3**

Q.9 Choose the sentence with no spelling error.

Ans ✗ 1. They were iresponsible in performing their dutes.

✗ 2. They were irresponcible in perfroming their duties.

✗ 3. They were irresponsible in performing ther dutys.

✓ 4. They were irresponsible in performing their duties.

Question ID : **264330124464**
Status : **Answered**
Chosen Option : **4**

Q.10 Rearrange the parts of the sentence in correct order.
P. American political economist Mancur Olson, who wrote in 1965
Q. the problems of collective action were popularized by the
R. that coercion or some other device must be present in order
S. for a group of individuals to act in their common interest

Ans ✗ 1. PSRQ

✗ 2. QRPS

✓ 3. QPRS

✗ 4. SPQR

Question ID : **264330124456**
Status : **Answered**
Chosen Option : **3**

Q.11 Fill in the blank with the most suitable word.
Still flaccid and _____ from lack of blood, Ed ambled slowly in front of the doors.

Ans ✗ 1. liberal

✗ 2. levity

✓ 3. lethargic

✗ 4. levy

Question ID : **264330125940**
Status : **Answered**
Chosen Option : **3**

Q.12 Find the part of the given sentence that has an error in it. If there is no error, choose
'No error'.
The skull bones of a woodpecker has a different chemical composition and density.

Ans ✗ 1. No error

✗ 2. The skull bones of a

✓ 3. woodpecker has a different

✗ 4. chemical composition and density.

Question ID : **264330124447**
Status : **Answered**
Chosen Option : **3**

Q.13 Choose the word that can substitute the given group of words.
Affecting all or most people, places, things, etc.

Ans ✗ 1. Particular

✗ 2. Pertain

✗ 3. Genre

✓ 4. General

Question ID : **264330124153**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the correct passive form of the given sentence.
The gardener has watered the bushes.

Ans ✓ 1. The bushes have been watered by the gardener.

✗ 2. The bushes are being watered by the gardener.

✗ 3. The bushes were being watered by the gardener.

✗ 4. The bushes has been watered by the gardener.

Question ID : **264330124575**
Status : **Answered**
Chosen Option : **1**

Q.15 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Once in a blue moon

Ans   ✗ 1. Once in a day

     ✗ 2. Frequently

     ✓ 3. Rarely

     ✗ 4. Once a week

Question ID : **264330124461**
Status : **Answered**
Chosen Option : **3**

Q.16 Choose the word that can substitute the given group of words.
Overly concerned with minute details or formalisms

Ans   ✗ 1. Blasphemy

     ✗ 2. Rhapsodic

     ✗ 3. Bohemian

     ✓ 4. Pedantic

Question ID : **264330124648**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
A name strong like the land, a name (that know) how to endure.

Ans   ✗ 1. that has learn

     ✗ 2. No correction required

     ✗ 3. that educating

     ✓ 4. that knew

Question ID : **264330125954**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the correct indirect form of the given sentence.
The lawyer said, "Your case is very complicated."

Ans   ✓ 1. The lawyer said that my case was very complicated.

     ✗ 2. The lawyer reported that my case is very complicated.

     ✗ 3. The lawyer said that my case had been very complicated.

     ✗ 4. The lawyer warned that your case was very complicated.

Question ID : **264330124446**
Status : **Answered**
Chosen Option : **1**

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

Ans   ✓ 1. Gamble

     ✗ 2. Scrutinize

     ✗ 3. Crumble

     ✗ 4. Scrupulous

Question ID : **264330124234**
Status : **Answered**
Chosen Option : **2**

Q.20 **In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.**
Apropos of nothing

Ans ✗ 1. Any difficult situation or obstacle

✗ 2. To be enraged

✗ 3. Almost everything and anything has been included

✓ 4. Having no relevance to any previous discussion or situation

Question ID : **264330124592**
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.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 21

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

Ans ✗ 1. early

✗ 2. earliest

✗ 3. earnest

✓ 4. earlier

Question ID : **264330124450**
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.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 22

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

Ans ✗ 1. brash

✓ 2. rain

✗ 3. birds

✗ 4. animals

Question ID : **264330124451**
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.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 23

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

Ans ✗ 1. mandated

✗ 2. summarized

✔ 3. characterised

✗ 4. presented

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.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 24

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

Ans ✗ 1. slot

✔ 2. part

✗ 3. task

✗ 4. bit

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.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 25

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

Ans ✗ 1. signal

✔ 2. example
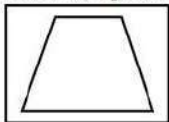
✗ 3. instance

✗ 4. sign

Q.1 How many maximum triangles are there in the given figure?
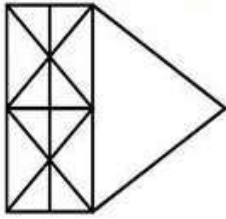
Ans   ✔ 1. 29

    ✘ 2. 27

    ✘ 3. 30

    ✘ 4. 31

Question ID : **264330127534**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the option figure in which the given figure is embedded. (Rotation is NOT allowed).

Ans

    ✔ 1.

    ✘ 2.

    ✘ 3.

    ✘ 4.

Question ID : **264330127410**
Status : **Answered**
Chosen Option : **1**

Q.3 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.
14 : 85 : : 20 : 121 : : 11 : ?

Ans ✗ 1. 65

  ✗ 2. 76

  ✗ 3. 77

  ✔ 4. 67

Question ID : **264330127516**	
Status : **Answered**	
Chosen Option : **4**	

Q.4 In the following question, select the related letters from the given alternatives.
LREA : MSFB :: BSFX : ?

Ans ✗ 1. XFBA

  ✗ 2. XFSB

  ✗ 3. ERLA

  ✔ 4. CTGY

Question ID : **264330126899**	
Status : **Answered**	
Chosen Option : **4**	

Q.5 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)
(48, 16, 192)
(22, 62, 341)

Ans ✗ 1. (32, 24, 222)

  ✗ 2. (74, 38, 713)

  ✔ 3. (84, 78, 1638)

  ✗ 4. (92, 46, 1068)

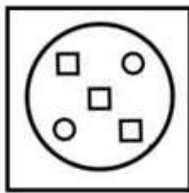|	
Question ID : **264330127118**	
Status : **Answered**	
Chosen Option : **3**	

Q.6 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?
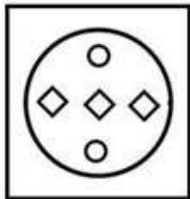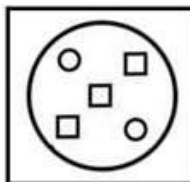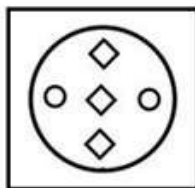

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **264330127586**
Status : **Answered**
Chosen Option : **4**

Q.7 In a certain code language, 'ROUTE' is coded as '7', 'SHARE' is coded as '6'. What is the code for 'TABLE' in that code language?

Ans ✗ 1. 5

✓ 2. 4

✗ 3. 7

✗ 4. 2

Question ID : **264330127123**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_lfir_p_f_rsp_fir_ _ lfi_ _

Ans ✗ 1. pslilsprr

✗ 2. pslilspsr

✗ 3. prlilsprs

✓ 4. pslilsprs

Q.9 In the following question, select the odd word pair from the given alternatives.

Ans ✓ 1. Sugarcane – Jaggery

✗ 2. Sack – Jute

✗ 3. Road – Asphalt

✗ 4. Wall – Brick

Q.10 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)
(812, 879, 947)
(648, 715, 783)

Ans ✗ 1. (428, 495, 573)

✗ 2. (596, 664, 731)

✓ 3. (612, 679, 747)

✗ 4. (342, 409, 478)

Q.11 In the given word pairs, the first word is related to the second word following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.
Dry : Wet

Ans ✗ 1. Tall : Large

✓ 2. Healthy : Sick

✗ 3. Good : Best

✗ 4. Short : Tiny

Q.12 E is the brother of F. D is the wife of E. G is the father of H. F is the sister of G. How is E related to G?

Ans ✔ 1. Brother

✘ 2. Son

✘ 3. Brother in law

✘ 4. Father

Question ID : **264330127127**
Status : **Answered**
Chosen Option : **1**

Q.13 If 13 © 62 = 225 and 4 © 38 = 126, then 29 © 17 = ?

Ans ✘ 1. 119

✔ 2. 138

✘ 3. 127

✘ 4. 148

Question ID : **264330126889**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.
1. India
2. Asia
3. Uttar Pradesh
4. Taj Mahal
5. World

Ans ✘ 1. 3,1,4,2,5

✘ 2. 3,4,1,2,5

✔ 3. 5,2,1,3,4

✘ 4. 5,1,2,4,3

Question ID : **264330127246**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)
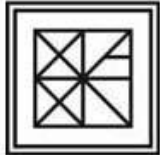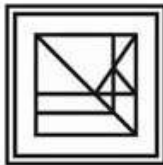

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.
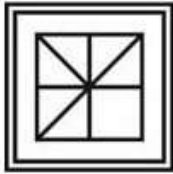
Question ID : **264330127060**
Status : **Answered**
Chosen Option : **2**

Q.16 In the following question, select the odd letter/letters from the given alternatives.

Ans ✗ 1. SWA

✗ 2. UYC

✓ 3. VZC

✗ 4. CGK

Question ID : **264330127129**
Status : **Answered**
Chosen Option : **3**

Q.17 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 G are N.
II. No A is N.

Conclusion:
I. Some G are A.
II. Some N are G.
III. All A are G.

Ans ✗ 1. Both conclusions II and III follows

✗ 2. All conclusion follows

✗ 3. Only conclusion I follows

✔ 4. Only conclusion II follows

Question ID : **264330127131**
Status : **Answered**
Chosen Option : **4**

Q.18 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.
School : Teacher :: Laboratory : ?

Ans ✗ 1. Actor

✗ 2. Warrior

✗ 3. Farmer

✔ 4. Scientist

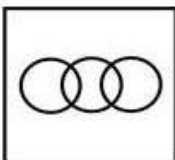Question ID : **264330126975**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the Venn diagram that best represents the relationship between the following classes.
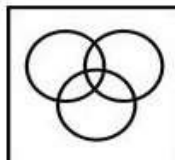
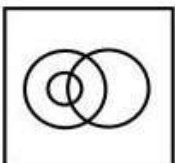Indians, Brain specialist, Surgeon

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **264330127538**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Q.21 In the following question, select the missing number from the given series.
89, 148, 207, 266, ?

Ans

✗ 1. 315

✗ 2. 335

✔ 3. 325

✗ 4. 345

Q.22 After interchanging the given two signs what will be the values of expression (I) and
(II) respectively?
× and −
I. 24 ÷ 8 × 2 + 7 − 6
II. 8 × 6 − 9 ÷ 3 + 10

Ans

✗ 1. 50 and 0

✔ 2. 43 and 0

✗ 3. 40 and 5

✗ 4. 0 and 43

Q.23 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)
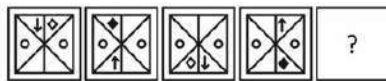
Ans ✔ 1. 14 – 2762

✘ 2. 16 – 4098

✘ 3. 11 – 1333

✘ 4. 13 – 2199

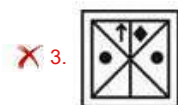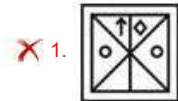**Q.24** Select the figure from the given options that can replace the question mark (?) in the following series.

Ans

✘ 1.

✔ 2.

✘ 3.

✘ 4.

Q.25 In a certain code language, 'GRMTS' is coded as 'OPINC'. What is the code for 'BATCH' in that code language?

Ans ✘ 1. DVPWX

✔ 2. DYPWX

✘ 3. DYPXW

✘ 4. DXPWX

Section : **Quantitative Aptitude**

Q.1 Length of the chord AB of a circle is equal to the radius of the circle. What will be the angle subtended by the chord at the centre of the circle?

Ans ✘ 1. 40 degree

✔ 2. 60 degree

✘ 3. 30 degree

✘ 4. 50 degree

Question ID : **264330127798**
Status : **Answered**
Chosen Option : **2**

Q.2 If $\frac{x^2-1}{x} = 8$, then what is the value of $\frac{x^6-1}{x^3} = $?

Ans ✘ 1. 496

✔ 2. 536

✘ 3. 512

✘ 4. 488

Question ID : **264330127903**
Status : **Answered**
Chosen Option : **2**

Q.3 Radius of a circle is 10 cm. What will be the angle made by a chord of length 20 cm on the circumference of this circle?

Ans ✔ 1. 90 degree

✘ 2. 120 degree

✘ 3. 180 degree

✘ 4. 135 degree

Question ID : **264330128298**
Status : **Answered**
Chosen Option : **1**

Q.4 12 men can do a work in 8 days while 4 boys can do it in 40 days. In how many days 9 boys and 3 men together will complete the same work?

Ans ✘ 1. 10 days

✘ 2. 280/13 days

✔ 3. 80/7 days

✘ 4. 260/17 days

Question ID : **264330128239**
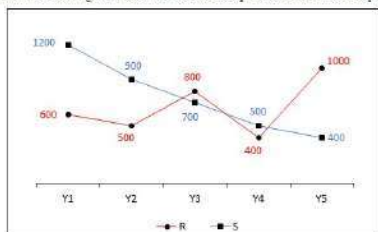Status : **Answered**
Chosen Option : **3**

Q.5 If 6Cotθ = 5, then find the value of (6cosθ + sinθ) / (6cosθ - 4sinθ)

Ans

✗ 1. 5

✗ 2. 1

✔ 3. 6

✗ 4. 0

**Q.6** The line chart given below shows the expenditure of two companies R and S in different years.

Which of the following statement is NOT correct?

I. The expenditure of R in year Y1 and Y2 together is (Approximate) 81.66 percent of the expenditure of S in year Y3 and Y4 together.

II. The total expenditure of company S is (Approximate)112.12 percent of the total expenditure of company R.

Ans

✗ 1. Both I and II

✔ 2. Only I

✗ 3. Neither I nor II

✗ 4. Only II

Q.7 The following bar graph shows receipts and expenditure by a business firm over 5 years.
Gain = Receipts - Expenditure.
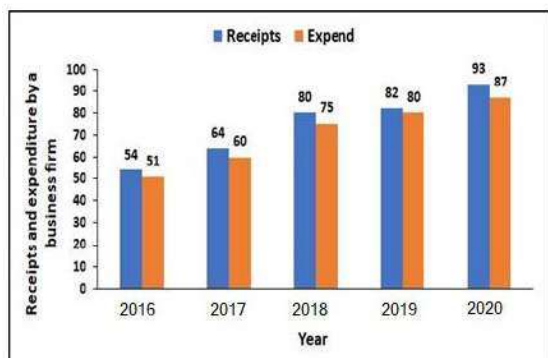
In which year did the company gain the minimum amount ?

Ans

✗ 1. 2016

✗ 2. 2017

✔ 3. 2019

✗ 4. 2018

Q.8 A chair is marked for Rs.210 and sold for Rs.189. Find the discount rate for this transaction.

Ans
✓ 1. 10%
✗ 2. 12%
✗ 3. 15%
✗ 4. 8%

Question ID : **264330128518**
Status : **Answered**
Chosen Option : **1**

Q.9 The ratio of the volume of first and second cylinder is 32 : 9 and the ratio of their heights is 8 : 9. If the area of the base of the second cylinder is 616 cm^2, then what will be the radius of the first cylinder?

Ans
✗ 1. 24 cm
✗ 2. 20 cm
✓ 3. 28 cm
✗ 4. 36 cm

Question ID : **264330128116**
Status : **Answered**
Chosen Option : **3**

Q.10 ΔEFG is a right angled triangle. ∠F = 90 degree, EF = 10 cm and FG = 15 cm. What is the value of cosec G?

Ans
✓ 1. $\dfrac{\sqrt{13}}{2}$

✗ 2. $\dfrac{2}{\sqrt{3}}$

✗ 3. $\dfrac{\sqrt{13}}{10}$

✗ 4. $\dfrac{10}{\sqrt{3}}$

Question ID : **264330127807**
Status : **Answered**
Chosen Option : **1**

Q.11 Ritika purchased 'x' kg wheat at Rs.30/kg and sold 8 kg of this at Rs. 'x' per kg and remaining at Rs.45/kg. Overall profit percent earned is 10%, then what quantity of wheat Ritika sold at Rs.45/kg?

Ans
✗ 1. 18 kg
✗ 2. 16 kg
✓ 3. 10 kg
✗ 4. 14 kg

Question ID : **264330128520**
Status : **Answered**
Chosen Option : **3**

Q.12 A car moves at the speed of 108 km/hr after repairing and moves at the speed of 72 km/hr before repairing. It covers a distance of x km in 3 hours after repairing. How much time will it take to cover a distance of 5x km before repairing?

Ans ✗ 1. 25 hours 20 minutes

✗ 2. 24 hours

✗ 3. 20 hours 40 minutes

✓ 4. 22 hours 30 minutes

Question ID : **264330128115**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The ratio of incomes of P and Q is 1 : 2. Ratio of income of Q and R is 3 : 2. If one-third of P's income is Rs. 4400 less than the half of P's income, then what is the Q's income?

Ans ✗ 1. Rs. 56600

✓ 2. Rs. 52800

✗ 3. Rs. 46600

✗ 4. Rs. 41200

Question ID : **264330128121**
Status : **Answered**
Chosen Option : **2**

Q.14 What is the value of $(2^2 + 1)(2^4 + 1)(2^8 + 1)(2^{16} + 1) \ldots (2^{128} + 1)$?

Ans ✗ 1. $\dfrac{2^{256} - 1}{2}$

✓ 2. $\dfrac{2^{256} - 1}{3}$

✗ 3. $2^{256} - 1$

✗ 4. $\dfrac{2^{256} - 1}{4}$

Question ID : **264330128127**
Status : **Answered**
Chosen Option : **2**

Q.15 In an exam, a student got 64 marks and still failed by 20 percent marks. If the passing percentage is 40 percent, then what are the maximum marks of the exam?

Ans ✗ 1. 160

✗ 2. 250

✓ 3. 200

✗ 4. 180

Question ID : **264330128119**
Status : **Answered**
Chosen Option : **1**

Q.16 In an equilateral triangle, circumradius is 14 cm. What is the length of median in this triangle?

Ans   ✗ 1. $14\sqrt{3}$ cm

     ✓ 2. 21 cm

     ✗ 3. $18\sqrt{3}$ cm

     ✗ 4. $7\sqrt{3}$ cm

Question ID : 264330128126
Status : **Answered**
Chosen Option : **2**

Q.17 What is the value of the expression $1 - 7 + 2 - 8 + 3 - 9 + 4 - 10 + \ldots\ldots$ to 100 terms?

Ans   ✗ 1. -200

     ✗ 2. -360

     ✓ 3. -300

     ✗ 4. -240

Question ID : 264330128131
Status : **Answered**
Chosen Option : **3**

Q.18

If $-\sin\theta + \operatorname{cosec}\theta = 6$, then what is the value of $\sin\theta + \operatorname{cosec}\theta$?

Ans   ✗ 1. 6

     ✓ 2. $\sqrt{40}$

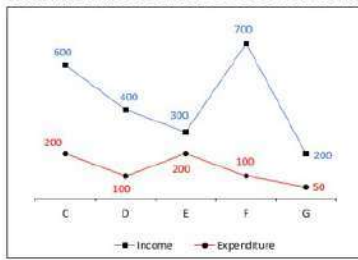   ✗ 3. $\sqrt{34}$

     ✗ 4. $\sqrt{38}$

Question ID : 264330128133
Status : **Answered**
Chosen Option : **2**

Q.19 If $a^3 + 3a^2 + 3a = 63$, then the value of $a^2 + 2a$ is:

Ans   ✗ 1. 22

     ✗ 2. 19

     ✓ 3. 15

     ✗ 4. 8

Question ID : 264330128529
Status : **Answered**
Chosen Option : **3**

Q.20 The line chart given below shows the income and expenditure of a company in five years.

Saving = Income – Expenditure

What is the difference between the average income and average saving in year C and D together?

Ans ✗ 1. 450

✗ 2. 250

✓ 3. 150

✗ 4. 350

Q.21 The table given below shows the number of students studying in different streams of a particular college. Find the ratio of the average number of students studying science in the given years to the total strength of students studying in the year 2022.

Year	Arts	Science	History	Social Science
2018	65	78	43	24
2019	93	69	36	24
2020	67	83	25	30
2021	75	55	35	15
2022	76	65	48	31

Ans ✓ 1. 7 : 22

✗ 2. 35 : 22

✗ 3. 22 : 7

✗ 4. 22 : 35

Q.22 How many prime numbers are there between 100 and 120?

Ans ✗ 1. 6

✗ 2. 7

✓ 3. 5

✗ 4. 4

Q.23 The average of 16 numbers is 35. It was found later that four numbers 18, 17, 24 and 35 were taken by mistake. What is the new average after removing these numbers?

Ans ✓ 1. 38.83

✗ 2. 42.33

✗ 3. 46.66

✗ 4. 33.33

Question ID : **264330128117**
Status : **Answered**
Chosen Option : **1**

Q.24 If 10 percent per annum rate of compound interest compounded yearly is equivalent to the x percent per annum rate of compound interest compounded half yearly, then what is the value (Approximate) of x?

Ans ✗ 1. 6.25 percent

✗ 2. 5.32 percent

✓ 3. 4.88 percent

✗ 4. 4.55 percent

Question ID : **264330128247**
Status : **Answered**
Chosen Option : **2**

Q.25 JKLM is a cyclic quadrilateral in which ∠K is opposite to ∠M . When JK and ML are produced, meet at point Z. JK = 10 cm, KZ = 12 cm and MZ = 33 cm. What is the length of LZ?

Ans ✗ 1. 9 cm

✓ 2. 8 cm

✗ 3. 10 cm

✗ 4. 12 cm

Question ID : **264330128124**
Status : **Answered**
Chosen Option : **4**

Section : **General awareness**

Q.1 Which of the following shortcut key is used to repeat the last command or action, if possible, in MS-Excel 365?

Ans ✗ 1. Ctrl + Z

✗ 2. Shift + Z

✓ 3. Ctrl + Y

✗ 4. Shift + Y

Question ID : **264330125209**
Status : **Answered**
Chosen Option : **1**

Q.2 Who built the Pathar Ki Masjid in Patna, Bihar?

Ans ✗ 1. Feroz shah Tughlaq

✓ 2. Parwez Shah

✗ 3. Aurangzeb

✗ 4. Alauddin Khilji

Question ID : **264330125686**
Status : **Not Answered**
Chosen Option : **--**

Q.3 If the price elasticity of demand is less than one, then the demand for the goods is said to be _____.

Ans
✗ 1. Perfectly inelastic

✓ 2. Inelastic

✗ 3. Perfectly elastic

✗ 4. Unitary-elastic

Q.4 Rishu wants to input data to the computer by pressing keys. Which input device should he use?

Ans
✓ 1. Keyboard

✗ 2. Scanner

✗ 3. Joystick

✗ 4. Light Pen

Q.5 Which of the following statements is correct regarding the Industrial Policy resolution 1956?
I. This resolution formed the basis of the Second Five Year Plan.
II. This policy was used for promoting industry in backward regions.

Ans
✗ 1. Neither I nor II

✓ 2. Both I and II

✗ 3. Only I

✗ 4. Only II

Q.6 Which of the following seasons in India is known as the transition season?

Ans
✓ 1. Retreating Monsoon

✗ 2. Advancing Monsoon

✗ 3. Cold Weather Season

✗ 4. Hot Weather Season

Q.7 '2G Saga Unfolds' book was written by _____.

Ans
✗ 1. Mohsin Hamid

✗ 2. Tarun Vijay

✓ 3. Andimuthu Raja

✗ 4. Kanwaljit Singh

Q.8 At places the groundwater is stored between layers of hard rock below the water table. This is known as _____.

Ans ✗ 1. a well

✓ 2. an aquifer

✗ 3. a lake

✗ 4. a pond

Question ID : **264330125217**
Status : **Answered**
Chosen Option : **2**

Q.9 In humans, the digestion of carbohydrates like starch, begins in which of the following parts?

Ans ✗ 1. Rectum

✗ 2. Small Intestine

✗ 3. Oesophagus

✓ 4. Buccal cavity

Question ID : **264330125343**
Status : **Answered**
Chosen Option : **3**

Q.10 _____ is a tributary of river Godavari.

Ans ✗ 1. Tawa

✗ 2. Banas

✓ 3. Indravati

✗ 4. Chambal

Question ID : **264330125570**
Status : **Answered**
Chosen Option : **3**

Q.11 Which union territory of India has a sea named after it?

Ans ✗ 1. Puducherry

✓ 2. Andaman and Nicobar Islands

✗ 3. Dadra and Nagar Haveli

✗ 4. Daman and Diu

Question ID : **264330125622**
Status : **Answered**
Chosen Option : **2**

Q.12 Who emphasized the worship of God as Nirankar (Formless) in Punjab?

Ans ✗ 1. Maharaja Ranjit Singh

✗ 2. Baba Ram Singh

✓ 3. Baba Dayal Das

✗ 4. Guru Gobind Singh

Question ID : **264330125625**
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following pair of "term – sport" is NOT correct?
I. Batting – Cricket
II. Goal – Netball

Ans ✗ 1. Both I and II

✗ 2. Only I

✗ 3. Only II

✓ 4. Neither I nor II

Question ID : **264330125357**
Status : **Answered**
Chosen Option : **1**

Q.14 Concurrent list of seventh schedule does NOT have provision related to _____.

Ans ✗ 1. Industrial and labour disputes

✗ 2. Forests

✓ 3. Taxes on lands and buildings

✗ 4. Economic and social planning

Question ID : **264330125229**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Prime Minister Narendra Modi inaugurated the United Nations World Geospatial Congress (UNWGIC) 2022 held in _____.

Ans ✗ 1. Bangalore

✗ 2. Mumbai

✓ 3. Hyderabad

✗ 4. Pune

Question ID : **264330125562**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Suresh N Patel was appointed as chief of which organization in August 2022?

Ans ✗ 1. NITI Ayog

✗ 2. SEBI

✗ 3. Election Commission of India

✓ 4. Central Vigilance Commission

Question ID : **264330125338**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In May 2022, RailTel launched PM-WANI based on _____.

Ans ✗ 1. food subsidy in 100 trains

✗ 2. fire safety scheme

✗ 3. free travel insurance scheme

✓ 4. access to its Wi-Fi at 100 railway stations

Question ID : **264330125339**
Status : **Answered**
Chosen Option : **4**

Q.18 In Kheda, Gujarat, Patidar peasants organised non-violent campaigns against which of the following demand of the British?

Ans ✗ 1. Low labour rates

✗ 2. Long working hours

✓ 3. High land revenue

✗ 4. Low price for crops

Question ID : **264330125224**
Status : **Answered**
Chosen Option : **1**

Q.19 Which article of the Indian constitution specifies the composition of the Council of States?

Ans ✓ 1. Article 80

✗ 2. Article 395

✗ 3. Article 51A

✗ 4. Article 12

Question ID : **264330125628**
Status : **Answered**
Chosen Option : **1**

Q.20 Which city will host the 2032 Summer Olympic Games?

Ans ✗ 1. Athens

✗ 2. Jakarta

✓ 3. Brisbane

✗ 4. Tokyo

Question ID : **264330125080**
Status : **Answered**
Chosen Option : **1**

Q.21 The Natya shastra which provides information regarding musical instruments is compiled by _____.

Ans ✗ 1. Amir Khusrau

✓ 2. Bharat Muni

✗ 3. Tansen

✗ 4. Kalidas

Question ID : **264330124986**
Status : **Answered**
Chosen Option : **2**

Q.22 In FIFA U-17 Women's World Cup 2022, the opening match was played between Morocco and _____.

Ans ✓ 1. Brazil

✗ 2. India

✗ 3. Chile

✗ 4. United States of America

Question ID : **264330125506**
Status : **Answered**
Chosen Option : **2**

Q.23 Kailash Satyarthi has received the Noble Prize in the field of _____.

Ans ✗ 1. Physics

✗ 2. Literature

✓ 3. Peace

✗ 4. Economic studies

Question ID : **264330125201**
Status : **Answered**
Chosen Option : **4**

Q.24 Which of the following statement is NOT correct regarding the prokaryotic cell?

Ans ✗ 1. They have only very small ribosomes as organelles

✓ 2. Membrane bound cell organelles are present

✗ 3. Their chromosomes are composed of only nucleic acid.

✗ 4. Their size is generally in the range of 1 – 10 μm

Question ID : **264330125219**
Status : **Answered**
Chosen Option : **2**

Q.25 Which of the following statements regarding coal is NOT correct?

Ans ✗ 1. Anthracite is the highest quality hard coal.

✗ 2. Coal that has been buried deep and subjected to increased temperatures is bituminous coal.

✗ 3. Lignite is a low-grade brown coal, which is soft with high moisture content.

✓ 4. Metallurgical coal is high grade lignite coal which has a special value for smelting iron in blast furnaces.

Question ID : **264330125348**
Status : **Answered**
Chosen Option : **1**