SSC CHSL

Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	10/06/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the INCORRECTLY spelt word.

Ans ✗ 1. Interpretation

✗ 2. Tremendous

✗ 3. Persistent

✓ 4. Pronounciation

Question ID : **26433039868**
Status : **Answered**
Chosen Option : **2**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. To think that a computer would one day replace a book is indeed unthinkable and far fetched.
B.The thoughts and ideas contained in a book are immortal like Tulsidas's Ram Charitra Manas, Ved Vyas' Mahabharata, The Bible and many other religious and literary works like Shakespeare's plays etc.
C.On the other hand a computer is but a machine, that at best can visually display the contents of a specific book.
D.A good book in the words of John Milton "is the precious lifeblood of a master spirit, embalmed and treasured up to a purpose to a life beyond life."

Ans ✗ 1. BDAC

✓ 2. DBCA

✗ 3. ABDC

✗ 4. DCBA

Question ID : **26433039072**
Status : **Answered**
Chosen Option : **2**

Q.3 The following sentence has been split into four segments. Identify the segment that contains an INCORRECTLY spelt word.
Shanu's inquisitive mind could not / accept the seemingly ingenous reply / of the man and he resolved to solve the mystery / to mitigate the pain of the old couple.

Ans ✗ 1. of the man and he resolved to solve the mystery

✓ 2. accept the seemingly ingenous reply

✗ 3. Shanu's inquisitive mind could not

✗ 4. to mitigate the pain of the old couple

Question ID : **26433045552**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the INCORRECTLY spelt word.

Ans ✗ 1. Committee

✗ 2. Develop

✓ 3. Referance

✗ 4. Beginning

Question ID : **26433039856**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the option that can be used as a one-word substitute for the underlined group of words.
The newspaper dedicated a report giving the news of the death and details about the life of the deceased.

Ans ✗ 1. Editorial

✗ 2. Illustration

✓ 3. Obituary

✗ 4. Forecast

Question ID : **26433045578**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that can be used as a one-word substitute for the given group of words.
A pause between the acts of a play

Ans ✓ 1. Interlude

✗ 2. Interline

✗ 3. Interlace

✗ 4. Interlink

Question ID : **26433040109**
Status : **Answered**
Chosen Option : **1**

Q.7 Select the most appropriate meaning of the given idiom.
Face up to

Ans ✗ 1. Look into face

✗ 2. Personally

✗ 3. Alter the face of

✓ 4. To accept a difficult situation

Question ID : **26433039047**
Status : **Answered**
Chosen Option : **4**

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error
The perception / of success / vary / from person to person.

Ans ✗ 1. The perception

✓ 2. vary

✗ 3. of success

✗ 4. from person to person

Question ID : **26433040049**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the most appropriate synonym of the given word.
Eccentric

Ans ✓ 1. Queer

✗ 2. Excellent

✗ 3. Common

✗ 4. Charming

Question ID : **26433039771**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the INCORRECTLY spelt word.

Ans ✗ 1. Accessories

✗ 2. Dominant

✓ 3. Pamplet

✗ 4. Politician

Question ID : **26433039867**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the most appropriate meaning of the highlighted idiom.
The team members seem to be running around in circles.

Ans ✓ 1. To be very active but with few results

✗ 2. To be extremely successful

✗ 3. Hardly any time to breathe

✗ 4. Very dynamic and hardworking

Question ID : **26433045498**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the option that can be used as a one-word substitute for the given group of words.
An instrument for detecting an earthquake

Ans ✗ 1. Electrograph

✓ 2. Seismograph

✗ 3. Spectrograph

✗ 4. Magnetograph

Question ID : **26433039903**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the most appropriate meaning of the given idiom.
Hale and hearty

Ans ✗ 1. Clumsy and calm

✗ 2. Angry but happy

✗ 3. Weak and ill

✓ 4. Strong and healthy

Question ID : **26433043072**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the option that can be used as a one-word substitute for the given group of words.
Fall back or sink again (into a worse state after an improvement)

Ans ✗ 1. Rekindle

✗ 2. Reiterate

✗ 3. Relayed

✔ 4. Relapse

Question ID : **26433045452**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the most appropriate synonym of the given word.
Ludicrous

Ans ✗ 1. Intuitive

✔ 2. Crazy

✗ 3. Astute

✗ 4. Intrinsic

Question ID : **26433039975**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the option that expresses the given sentence in direct speech.
Fiona enquired whether I had gone to school on Tuesday.

Ans ✗ 1. "Had you been going to school on Tuesday?" Fiona asked me.

✗ 2. "Where are you going on Tuesday?" Fiona asked me.

✔ 3. "Did you go to school on Tuesday?" Fiona asked me.

✗ 4. "Are you gone to school on Tuesday? Fiona enquired.

Question ID : **26433043021**
Status : **Answered**
Chosen Option : **3**

Q.17 Which word in the given sentence is the ANTONYM of – jeopardy?
We were reluctant to leave the relative safety of our hotel.

Ans ✗ 1. leave

✗ 2. relative

✔ 3. safety

✗ 4. reluctant

Question ID : **26433045383**
Status : **Answered**
Chosen Option : **3**

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He didn't / called me / in the / last week.

Ans ✗ 1. in the

✗ 2. He didn't

✔ 3. called me

✗ 4. last week

Question ID : **26433045361**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that expresses the given sentence in passive voice.
He invited me to his place yesterday.

Ans ✗ 1. I invited to his place yesterday.

✗ 2. I was invited.

✓ 3. I was invited by him to his place yesterday.

✗ 4. To his place I was invited yesterday.

Question ID : **26433042902**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the correct homonym from the given options to fill in the blank.
The wind_____ so powerfully that the door closed.

Ans ✓ 1. blew

✗ 2. blues

✗ 3. blue

✗ 4. blow

Question ID : **26433045542**
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 21

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

Ans ✗ 1. over

✗ 2. beyond

✗ 3. across

✓ 4. around

Question ID : **26433045737**
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 22

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

Ans   ✗ 1. fractions

        ✗ 2. ingredients

        ✓ 3. components

        ✗ 4. fragments

Question ID : **26433045738**
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 23

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

Ans   ✗ 1. plans

        ✗ 2. courses

        ✗ 3. means

        ✓ 4. ways

Question ID : **26433045739**
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 24

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

Ans   ✓ 1. cause

        ✗ 2. source

        ✗ 3. origin

        ✗ 4. motive

Question ID : **26433045740**
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.

Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 25

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

Ans ✗ 1. surprise

✔ 2. wonders

✗ 3. compassion

✗ 4. sensation

Question ID : **26433045741**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 **If 14 January 2022 was Friday, then what will be the day of the week on 28 February 2025?**

**Ans** ✔ 1. Friday

✗ 2. Monday

✗ 3. Sunday

✗ 4. Saturday

Question ID : **26433040676**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.**
5372: 7532 :: 4928: 9842 :: 9284:?

Ans ✗ 1. 8924

✔ 2. 9842

✗ 3. 8942

✗ 4. 9824

Question ID : **26433043567**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Find how many triangles are there in the given figure.
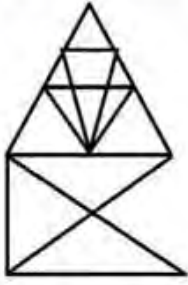
Ans ✗ 1. 24

　　 ✗ 2. 21

　　 ✗ 3. 22

　　 ✓ 4. 23

Question ID : 26433043536

Status : **Answered**

Chosen Option : **2**

Q.4 Seven friends A, B, C, D, E, F and G, each has a different height. C is taller than D. A is the shortest among all. Only four people are taller than C. E is taller than G but shorter than F. F is not the tallest. The height of how many people is between the heights of B and G?

Ans ✗ 1. 3

　　 ✗ 2. 1

　　 ✗ 3. 0

　　 ✓ 4. 2

Question ID : 26433043466

Status : **Answered**

Chosen Option : **4**

Q.5 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)
ATM : Bank :: Ambulance : ?

Ans ✗ 1. Nurse

　　 ✗ 2. Patient

　　 ✓ 3. Hospital

　　 ✗ 4.　Doctor

Question ID : 26433045081

Status : **Answered**

Chosen Option : **3**

Q.6 In a certain code language, 'ADDITION' is written as 'EBJEJUOP' and 'SUBTRACT' is written as 'VTUCBSUD'. How will 'MULTIPLY' be written in that language?

Ans ✗ 1. VNMUJQMY

　　 ✗ 2. UMTILLPY

　　 ✓ 3. VNUMQJZM

　　 ✗ 4. YLPITLUM

Question ID : 26433040694

Status : **Answered**

Chosen Option : **3**

Q.7 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Assertive
2.Astringent
3.Astronomy
4.Aspirations
5.Ascertain

Ans ✗ 1. 4,5,1,2,3

✗ 2. 4,2,1,3,5

✓ 3. 5,4,1,2,3

✗ 4. 3,4,1,2,5

Question ID : **26433040368**
Status : **Answered**
Chosen Option : **3**

Q.8 Which of the following numbers will replace the question mark (?) in the given series?
9, 18, 15, ?, 55, 330

Ans ✗ 1. 62

✗ 2. 68

✓ 3. 60

✗ 4. 71

Question ID : **26433040571**
Status : **Not Answered**
Chosen Option : **--**

Q.9 If I denotes '÷', J denotes '×', K denotes '−' and L denotes '+', then what will come in place of '?' in the following equation?
(18 I 9) J 12 L 22 K 41 L (36J2) K 2 J 8 = ?

Ans ✗ 1. 80

✓ 2. 61

✗ 3. 60

✗ 4. 71

Question ID : **26433043343**
Status : **Answered**
Chosen Option : **2**

Q.10 Which letter-cluster will replace the question mark (?) to complete the given series?
RSDA, WDUX, ?, GZCR, LKTO

Ans ✗ 1. DYXS

✓ 2. BOLU

✗ 3. BIDZ

✗ 4. CHLS

Question ID : **26433044977**
Status : **Answered**
Chosen Option : **2**

Q.11 Which of the following numbers will replace the question mark (?) in the given series?
5, 30, 35, ?, 143, 286

Ans ✗ 1. 95

✓ 2. 140

✗ 3. 70

✗ 4. 120

Question ID : **26433043595**

Status : **Not Answered**

Chosen Option : **--**

Q.12 Which letter cluster will replace the question mark (?) to complete the given series?
WXYZ, XWZY, YVAX, ?, ATCV

Ans ✓ 1. ZUBW

✗ 2. ZUBV

✗ 3. WBUZ

✗ 4. ZBMW

Question ID : **26433040635**

Status : **Answered**

Chosen Option : **1**

Q.13 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(45, 37, 360)
(17, 14, 51)
(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 /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans ✗ 1. (18, 10, 148)

✗ 2. (35, 22, 465)

✗ 3. (21, 17, 87)

✓ 4. (34, 26, 272)

Question ID : **26433043234**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.
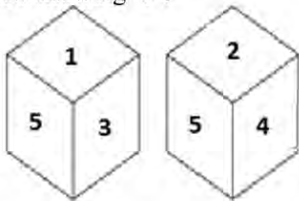
Ans ✗ 1. 2

✗ 2. 3

✗ 3. 4

✓ 4. 6
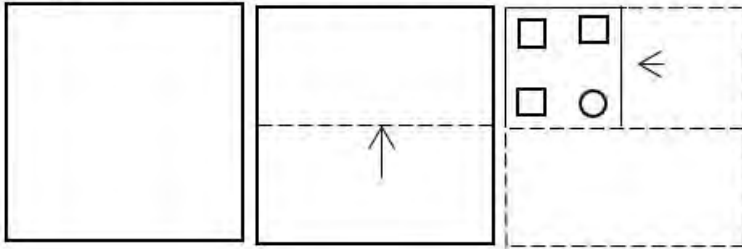
Question ID : **26433045308**

Status : **Answered**

Chosen Option : **4**

Q.15 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '1'.
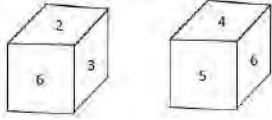
Ans ✗ 1. 3

✓ 2. 6

✗ 3. 5

✗ 4. 4

Question ID : **26433040783**

Status : **Answered**

Chosen Option : **2**

Q.16 Which of the following numbers will replace the question mark (?) in the given series?
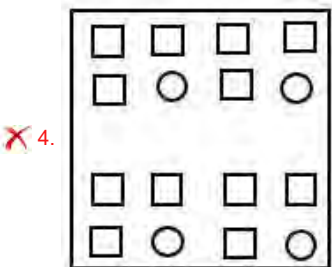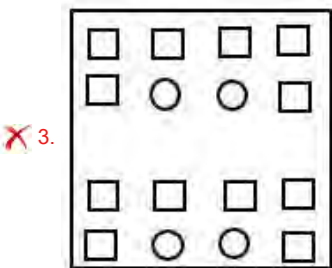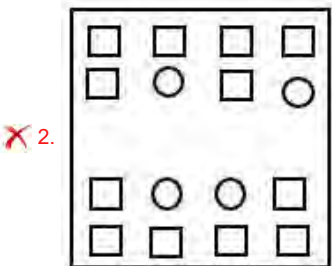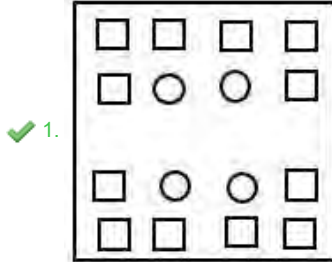36, 45, 63, 90, 126, 171, ?

Ans ✗ 1. 252

✗ 2. 255

✗ 3. 222

✓ 4. 225

Question ID : **26433045207**

Status : **Answered**

Chosen Option : **4**

Q.17 A paper is folded and cut as shown. How will it appear when unfolded?

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.18 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$(17×4) – (7)^2 + (63÷9)×6 + 83 – 41 = 83$

Ans ✔ 1. 7 and 9

✘ 2. 7 and 6

✘ 3. 4 and 6

✘ 4. 4 and 7

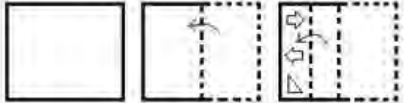**Q.19** Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

25*5*10*2*4*21

Ans

❌ 1. –,+,÷,×,=

❌ 2. ÷,×,+,–, =

❌ 3. ×, ÷,–,+, =

✅ 4. ÷,+,×,–, =

Q.20 A paper is folded and cut as shown below. How will it appear when unfolded?

Ans

✅ 1.

❌ 2.

❌ 3.

❌ 4.

Q.21 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

6 : 43 :: ? : 203 :: 20 : 407

Ans

✅ 1. 14

❌ 2. 15

❌ 3. 8

❌ 4. 12

Q.22 Which letter will replace the question mark (?) in the following series?

V, S, O, L, ? , E

Ans ✗ 1. J

✔ 2. H

✗ 3. G

✗ 4. I

Q.23 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.

Ans ✔ 1. 2

✗ 2. 4

✗ 3. 6
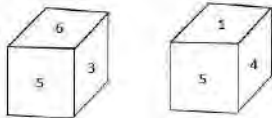
✗ 4. 1

Q.24 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(41, 24, 39)
(10, 5, 13)
(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 /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans ✗ 1. (27, 19, 44)

✗ 2. (26, 19, 35)

✗ 3. (29, 21, 6)

✔ 4. (22, 17, 37)

Q.25 In a certain code language, "ISLAND" is written as "SIALDN", and "LAWYER" is written as "ALYWRE". How will "LAUNCH" be written in that language?

Ans ✔ 1. ALNUHC

✗ 2. ALUNHC

✗ 3. ALHNUC

✗ 4. ALNUCH

Section : **Quantitative Aptitude**

Q.1 The mean of five numbers is 18. If one number is excluded, their mean is 16. The excluded number is:

Ans ✗ 1. 30

✓ 2. 26

✗ 3. 36

✗ 4. 32

Question ID : **26433042375**
Status : **Answered**
Chosen Option : **2**

Q.2 After seeing a policeman from a distance of 500 m, a thief starts running at a speed of 10 km/h. After noticing, the policeman chases immediately with a speed of 12 km/h, and the thief is caught. The distance run by the policeman is:

Ans ✗ 1. 2.4 km

✓ 2. 3 km

✗ 3. 2.5 km

✗ 4. 3.6 km

Question ID : **26433042564**
Status : **Not Answered**
Chosen Option : **--**

Q.3 A varies jointly with B and C. A = 6 when B = 3 and C = 2. Find A when B = 5 and C = 7.

Ans ✗ 1. 17.5

✓ 2. 35

✗ 3. 105

✗ 4. 70

Question ID : **26433042520**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which of the following options has the greatest value?

Ans ✓ 1. 20+4+(−8)−2+3+6

✗ 2. (−22)+(−4−7)

✗ 3. (−18)−45+(−3−2)

✗ 4. (−99)+(−44)−12

Question ID : **26433042366**
Status : **Answered**
Chosen Option : **1**

Q.5 In ΔABC, if G is the centroid and AD is a median with length 9 cm, then the length of AG is:

Ans ✗ 1. 8 cm

✗ 2. 5 cm

✗ 3. 7 cm

✓ 4. 6 cm

Question ID : **26433042730**
Status : **Answered**
Chosen Option : **4**

Q.6 A sum of ₹14,375, when invested at r% interest per year compounded annually, amounts to ₹16,767 after two years. What is the value of r?

Ans   ✗ 1. 9

   ✗ 2. 6

   ✗ 3. 7

   ✓ 4. 8

Question ID : **26433044291**
Status : **Not Answered**
Chosen Option : **--**

Q.7 In a school of 200 students, the following chart represents the percentage of students involved in different sports.
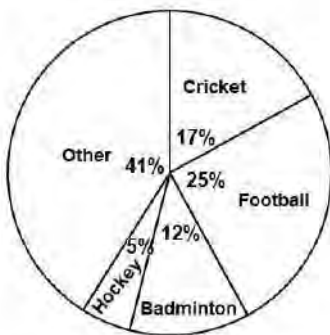
What is the number of students playing cricket?

Ans   ✓ 1. 34

   ✗ 2. 24

   ✗ 3. 83

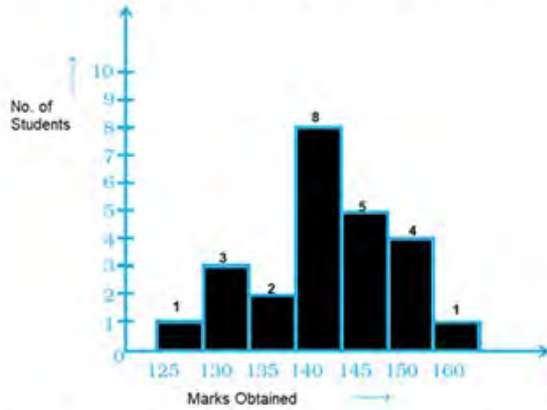   ✗ 4. 17

Question ID : **26433045917**
Status : **Answered**
Chosen Option : **1**

Q.8 The average of 10 observations is 21. A new observation is included and the average of these 11 numbers is 1 less than the prevoius average. The 11th observation is _____.

Ans   ✗ 1. 21

   ✗ 2. 11

   ✓ 3. 10

   ✗ 4. 12

Question ID : **26433042606**
Status : **Answered**
Chosen Option : **3**

Q.9 Observe the graph and answer the question that follows.

How many students obtained marks more than 130?

Ans
✖ 1. 14

✖ 2. 19

✔ 3. 20

✖ 4. 17

Question ID : **26433041325**
Status : **Answered**
Chosen Option : **3**

Q.10 Which of the following is the least 6-digit number that is divisible by 93?

Ans
✔ 1. 100068

✖ 2. 100070

✖ 3. 100075

✖ 4. 100065

Question ID : **26433042678**
Status : **Not Answered**
Chosen Option : **--**

Q.11 A number x is three times another number y. If the sum of both the numbers is 20, then x and y, respectively, are:

Ans
✖ 1. 8 and 12

✔ 2. 15 and 5

✖ 3. 5 and 15

✖ 4. 2 and 18

Question ID : **26433044159**
Status : **Answered**
Chosen Option : **2**

Q.12 A person could save 20% of his income. A year later, his income increased by 25% but he could save the same amount only as before. By what percentage has his expenditure increased?

Ans   ✗ 1. 27.5%

   ✗ 2. 32.5%

   ✓ 3. 31.25%

   ✗ 4. 29.75%

Question ID : **26433039521**
Status : **Answered**
Chosen Option : **3**

Q.13 The marked price of a table fan is ₹3,750 and is available to the retailer at a discount of 20%. At what price should the retailer sell it to earn a profit of 15%?

Ans   ✗ 1. ₹3,350

   ✗ 2. ₹3,400

   ✗ 3. ₹3,300

   ✓ 4. ₹3,450

Question ID : **26433039121**
Status : **Answered**
Chosen Option : **4**

Q.14 Ravi drove for 4 hours at a speed of 70 miles per hour and for 2 hours at 40 miles per hour. What was his average speed (in miles per hour) for the whole journey?

Ans   ✗ 1. 50

   ✓ 2. 60

   ✗ 3. 55

   ✗ 4. 45

Question ID : **26433042686**
Status : **Answered**
Chosen Option : **2**

Q.15 What is the product of (x + a) and (x + b)?

Ans   ✓ 1. $x^2 + (a + b)x + ab$

   ✗ 2. $x^2 + (a - b)x + ab$

   ✗ 3. $x^2 + (a + b)x - ab$

   ✗ 4. $x^2 + (a - b)x - ab$

Question ID : **26433042548**
Status : **Answered**
Chosen Option : **1**

Q.16 What is the height of a solid right circular cylinder whose radius is 3 cm and total surface area is 60 π cm^2?

Ans   ✗ 1. 3 cm

   ✗ 2. 5 cm

   ✓ 3. 7 cm

   ✗ 4. 9 cm

Question ID : **26433044134**
Status : **Answered**
Chosen Option : **3**

Q.17 45 people can repair a road in 10 days, working 6 hours a day. In how many days can 30 people, working 6 hours a day, complete the same work?

Ans ✗ 1. 12

✗ 2. 10

✗ 3. 18

✔ 4. 15

Question ID : **26433042448**
Status : **Answered**
Chosen Option : **4**

Q.18 What is the area (in cm^2) of an equilateral triangle of side 20 cm?

Ans ✔ 1. $100\sqrt{3}$

✗ 2. 200

✗ 3. 100

✗ 4. $100\sqrt{2}$

Question ID : **26433038635**
Status : **Answered**
Chosen Option : **1**

Q.19 Under a discount scheme, a dozen pair of gloves quoted at ₹200 is available at a discount of 20%. How many pairs of gloves can be bought for ₹320?

Ans ✗ 1. 15

✗ 2. 20

✗ 3. 18

✔ 4. 24

Question ID : **26433042478**
Status : **Answered**
Chosen Option : **4**

Q.20 The value of $\sin 73^0 + \cos 137^0$ is:

Ans ✔ 1. $\sin 13^0$

✗ 2. $\cos 13^0$

✗ 3. $\cos 18^0$

✗ 4. $\sin 18^0$

Question ID : **26433041444**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The diameter of the base of a right-circular cylinder is 12 cm and the height of the cylinder is 2.45 times the radius of its base. Find the curved surface area of the cylinder. [Use $\pi = \frac{22}{7}$]

Ans ✗ 1. 552.4 cm^2

✗ 2. 556.4 cm^2

✗ 3. 544.4 cm^2

✔ 4. 554.4 cm^2

Question ID : **26433044306**
Status : **Answered**
Chosen Option : **4**

Q.22 If $x + y + z = 10$, $x^2 + y^2 + z^2 = 30$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is _____.

Ans ✗ 1. −70

✗ 2. −10

✗ 3. −30

✔ 4. −50

Question ID : **26433044384**
Status : **Answered**
Chosen Option : **4**

Q.23 A pen passing through two hands is finally sold at a profit of 44% of the original cost price. If the first dealer makes a profit of 20%, then the profit made by the second dealer is:

Ans ✗ 1. 36%

✗ 2. 24%

✔ 3. 20%

✗ 4. 27%

Question ID : **26433038684**
Status : **Answered**
Chosen Option : **3**

Q.24 A shopkeeper purchases 20000 units of a product at ₹1 each, 15000 units at ₹1.15 each and 5000 units at ₹2 each. What is the weighted average price of one unit? (Correct to two decimal places)

Ans ✗ 1. ₹1.36

✗ 2. ₹1.20

✔ 3. ₹1.18

✗ 4. ₹1.38

Question ID : **26433041574**
Status : **Answered**
Chosen Option : **3**

Q.25 The table below shows the number of cakes sold by six different bakeries in a town on five different days of particular week.

Days\Bakery	Monday	Tuesday	Thursday	Saturday	Sunday
A	222	255	215	250	266
B	205	275	314	295	260
C	245	266	305	195	235
D	221	230	185	300	280
E	312	325	298	272	254
F	175	205	255	240	308

What is the total number of cakes sold by the bakery D on Monday, Thursday and Sunday, taken together?

Ans ✔ 1. 686

✗ 2. 668

✗ 3. 779

✗ 4. 530

Question ID : **26433045934**
Status : **Answered**
Chosen Option : **1**

Q.1 In 1928,who discovered that when a ray of coloured light enters a liquid, a fraction of the light scattered by that liquid is of a different colour?

Ans ✗ 1. Lord Rayleigh

✓ 2. CV Raman

✗ 3. SN Bose

✗ 4. John Tyndall

Question ID : **26433044700**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following autobiographies is written by former English footballer, David Beckham published in 2003 ?

Ans ✗ 1. A Shot at History

✗ 2. The Greatest: My own Story

✓ 3. My Side

✗ 4. Standing my Ground

Question ID : **26433042157**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Which sport scheme was extended from 2021-22 to 2025-26 in March 2021?

Ans ✗ 1. Rajiv Gandhi Khel Abhiyan

✗ 2. Urban Sports Infrastructure Scheme

✓ 3. Khelo India

✗ 4. National Sports Talent Search Scheme

Question ID : **26433041859**
Status : **Not Answered**
Chosen Option : **--**

Q.4 In which state is cactus vegetation found in dry areas of Thorny Bushes in the form of spines?

Ans ✗ 1. West Bengal

✗ 2. Assam

✗ 3. Odisha

✓ 4. Rajasthan

Question ID : **26433039494**
Status : **Answered**
Chosen Option : **4**

Q.5 Kalamandalam Rajan received the Sangeet Natak Akademi Award 2009 for which of the following dance forms?

Ans ✓ 1. Kathakali

✗ 2. Bharatanatyam

✗ 3. Kathak

✗ 4. Odissi

Question ID : **26433042339**
Status : **Answered**
Chosen Option : **1**

Q.6 What is the duration of the interval in a football match?

Ans ✔ 1. 15 minutes

✘ 2. 10 minutes

✘ 3. 30 minutes

✘ 4. 12 minutes

Question ID : **26433044506**
Status : **Answered**
Chosen Option : **3**

Q.7 Diving comes under which category of sport?

Ans ✘ 1. Defensive sport

✘ 2. Martial arts

✘ 3. Combat sport

✔ 4. Aquatic sport

Question ID : **26433042208**
Status : **Answered**
Chosen Option : **4**

Q.8 What is the upper limit of annual household income for microfinance borrowers in rural areas?

Ans ✘ 1. ₹1 lakh

✔ 2. ₹1.25 lakh

✘ 3. ₹1.5 lakh

✘ 4. ₹2 lakh

Question ID : **26433044443**
Status : **Answered**
Chosen Option : **1**

Q.9 Which of the following Bollywood choreographers has won the 63rd National Film Awards in the category of Best Choreography for his/her excellent work in the Hindi movie 'Diwani Mastani'?

Ans ✘ 1. Ganesh Acharya

✔ 2. Remo D'Souza

✘ 3. Prabhu Deva

✘ 4. Farah Khan

Question ID : **26433042347**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which Article of the Indian Constitution empowers a High Court to issue writs for the enforcement of the Fundamental Rights of the citizens?

Ans ✔ 1. Article 226

✘ 2. Article 235

✘ 3. Article 230

✘ 4. Article 242

Question ID : **26433039641**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following is the correct pair?

Ans ✔ 1. Kalamandalam Kalyanikutty Amma - Mohiniyattam

✘ 2. Sonal Mansingh - Manipuri

✘ 3. Shovana Narayan - Odissi

✘ 4. Bala Sarasawati - Kathak

Question ID : **26433041963**
Status : **Answered**
Chosen Option : **1**

Q.12 'Faster than Lightning - My Story' is the autobiography of _____.

Ans ✘ 1. Hima Das

✔ 2. Usain Bolt

✘ 3. Dutee Chand

✘ 4. P T Usha

Question ID : **26433041910**
Status : **Answered**
Chosen Option : **2**

Q.13 Which is a major essential lipophilic (fat-soluble) vitamin required for the protection of cell membranes and the formation of red blood cells (RBCs)?

Ans ✘ 1. Vitamin A

✘ 2. Vitamin C

✘ 3. Vitamin D

✔ 4. Vitamin E

Question ID : **26433044743**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Gangubai Hangal was an Indian vocalist of Hindustani classical tradition who was awarded the Sangeet Natak Academy Award in 1973. From which of the following musical Gharanas did she belong?

Ans ✘ 1. Banaras Gharana

✘ 2. Patiala Gharana

✔ 3. Kirana Gharana

✘ 4. Agra Gharana

Question ID : **26433042319**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The long jumper _____ won Silver in the U-20 World Athletics Championships in August 2021.

Ans ✔ 1. Shaili Singh

✘ 2. MA Prajusha

✘ 3. Nayana James

✘ 4. Reeth Abraham

Question ID : **26433044426**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In which year did Rudolf Virchow published an essay titled 'Cellular Pathology' in which he famously declared that "every cell arises from another cell"?

Ans ✗ 1. 1865

✗ 2. 1845

✗ 3. 1835

✓ 4. 1855

Question ID : **26433044758**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Who among the following Hindustani classical musicians blended the best of classical music and created a unique style of music of his own who was often touted as the Tansen of 20th century?

Ans ✓ 1. Ustad Bade Ghulam Ali Khan

✗ 2. Ustab Ali Baksh Khan

✗ 3. Ustad Chhote Ghulam Ali Khan

✗ 4. Munawar Ali Khan

Question ID : **26433042314**
Status : **Not Answered**
Chosen Option : **--**

Q.18 By what metabolic process in the kitchen can you make food like curd, paneer and sauerkraut?

Ans ✓ 1. Fermentation

✗ 2. Condensation

✗ 3. Pasteurisation

✗ 4. Steaming

Question ID : **26433044861**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following is an organic compound with the formula $C_6H_4Cl_2$ that is used as a fumigant insecticide to control cloth moths?

Ans ✓ 1. Paradichlorobenzene

✗ 2. Ethylbenzene

✗ 3. Benzoyl chloride

✗ 4. Chlorobenzene

Question ID : **26433044708**
Status : **Answered**
Chosen Option : **3**

Q.20 Which of the following pairs is INCORRECT?

Ans ✓ 1. Kumar Gandharva – Guitar

✗ 2. Zia Mohiuddin Dagar – Rudra Vina

✗ 3. Kadri Gopalnath – Saxophone

✗ 4. Bombay Jayashree – Vocalist

Question ID : **26433041947**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In which sport did TP Ouseph receive the Dronacharya Award in the Lifetime Achievement category for outstanding coaches in Sports and Games 2021?

Ans
- ✗ 1. Kabaddi
- ✗ 2. Cricket
- ✗ 3. Hockey
- ✓ 4. Athletics

Question ID : **26433044428**
Status : **Answered**
Chosen Option : **4**

Q.22 In which year was International Booker Prize established?

Ans
- ✓ 1. 2005
- ✗ 2. 1969
- ✗ 3. 1981
- ✗ 4. 1918

Question ID : **26433039604**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In the format of the IUPAC name of the organic compound, the term 'Root' is used to represent:

Ans
- ✗ 1. functional groups that may be present in the compound
- ✗ 2. the cyclic or acyclic nature of the given compound
- ✓ 3. the number of carbon atoms in the parent chain
- ✗ 4. the presence of side chains or substituent groups

Question ID : **26433044812**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Ms. Kamalini Asthana and Ms. Nalini Asthana are conferred with one of the top highest civilian awards of India, Padma Shri 2022. Which of the following dance forms of Banaras Gharana are they known for?

Ans
- ✗ 1. Odissi
- ✗ 2. Kathakali
- ✗ 3. Kuchipudi
- ✓ 4. Kathak

Question ID : **26433042351**
Status : **Answered**
Chosen Option : **4**

Q.25 Ustad Hassu Khan, Ustad Haddu Khan and Ustad Nathu Khan were exponents of the _____ Gharana.

Ans
- ✗ 1. Benaras
- ✓ 2. Gwalior
- ✗ 3. Delhi
- ✗ 4. Patiala

Question ID : **26433044577**
Status : **Not Answered**
Chosen Option : **--**