

Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

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

Up in arms

- Ans
- 1. Divide into armed groups
 - 2. Angry about something
 - 3. Throw up arms in joy
 - 4. Give up fighting and surrender

Question ID : 424429422
Status : Answered
Chosen Option : 2

Q.2 Select the correct passive form of the given sentence.

The police beat a number of protestors last night.

- Ans
- 1. A number of protestors had been beaten by the police last night.
 - 2. A number of protestors were being beaten by the police last night.
 - 3. A number of protestors has been beaten by the police the night before.
 - 4. A number of protestors were beaten by the police the night before.

Question ID : 424429415
Status : Answered
Chosen Option : 4

Q.3 Select the wrongly spelt word.

- Ans
- 1. Unruly
 - 2. Awfully
 - 3. Faithfully
 - 4. Unduly

Question ID : 424429408
Status : Answered
Chosen Option : 2

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Q.4 Select the most appropriate synonym of the given word.

ASSERTION

- Ans
- 1. Continuation
 - 2. Declaration
 - 3. Rejection
 - 4. Discussion

Question ID : 424429427

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.

Smartphones have become an essential part of our lives and their (1)_____ usage is now impacting human behaviour. We need to (2)_____ think about digital detox! Yes, the concept of disconnecting with (3)_____ virtual world is not just a fad. It's the need of the hour today. The Global Brand Director of the smartphone Vivo in his speech nudged all smartphone users (4)_____ a step backward and think. He said, "Let's (5)_____ our mobiles and pledge to be closer and nearer to our loved ones."

SubQuestion No : 5

Q.5 Select the most appropriate option for blank number 1.

- Ans
- 1. exceeding
 - 2. exceed
 - 3. excessive
 - 4. exceedingly

Question ID : 424429410

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.

Smartphones have become an essential part of our lives and their (1)_____ usage is now impacting human behaviour. We need to (2)_____ think about digital detox! Yes, the concept of disconnecting with (3)_____ virtual world is not just a fad. It's the need of the hour today. The Global Brand Director of the smartphone Vivo in his speech nudged all smartphone users (4)_____ a step backward and think. He said, "Let's (5)_____ our mobiles and pledge to be closer and nearer to our loved ones."

SubQuestion No : 6

Q.6 Select the most appropriate option for blank number 2.

- Ans
- 1. series
 - 2. seriously
 - 3. serious
 - 4. seriousness

Question ID : 424429411

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.

Smartphones have become an essential part of our lives and their (1)_____ usage is now impacting human behaviour. We need to (2)_____ think about digital detox! Yes, the concept of disconnecting with (3)_____ virtual world is not just a fad. It's the need of the hour today. The Global Brand Director of the smartphone Vivo in his speech nudged all smartphone users (4)_____ a step backward and think. He said, "Let's (5)_____ our mobiles and pledge to be closer and nearer to our loved ones."

SubQuestion No : 7

Q.7 Select the most appropriate option for blank number 3.

- Ans
- 1. the
 - 2. many
 - 3. a
 - 4. any

Question ID : 424429412

Status : **Marked For Review**

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.

Smartphones have become an essential part of our lives and their (1)_____ usage is now impacting human behaviour. We need to (2)_____ think about digital detox! Yes, the concept of disconnecting with (3)_____ virtual world is not just a fad. It's the need of the hour today. The Global Brand Director of the smartphone Vivo in his speech nudged all smartphone users (4)_____ a step backward and think. He said, "Let's (5)_____ our mobiles and pledge to be closer and nearer to our loved ones."

SubQuestion No : 8

Q.8 Select the most appropriate option for blank number 4.

- Ans
- 1. to take
 - 2. to taking
 - 3. takes
 - 4. taken

Question ID : 424429413

Status : **Answered**

Chosen Option : 1

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.

Smartphones have become an essential part of our lives and their (1)_____ usage is now impacting human behaviour. We need to (2)_____ think about digital detox! Yes, the concept of disconnecting with (3)_____ virtual world is not just a fad. It's the need of the hour today. The Global Brand Director of the smartphone Vivo in his speech nudged all smartphone users (4)_____ a step backward and think. He said, "Let's (5)_____ our mobiles and pledge to be closer and nearer to our loved ones."

SubQuestion No : 9

Q.9 Select the most appropriate option for blank number 5.

- Ans
- 1. switch off
 - 2. switch over
 - 3. switch up
 - 4. switch in

Question ID : 424429414

Status : Answered

Chosen Option : 1

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

Lenovo has launched ThinkPad XI Fold, the world's first foldable laptop which is claimed to be so durable as its other devices.

- Ans
- 1. to be most durable as
 - 2. to be very durable as
 - 3. No improvement
 - 4. to be as durable as

Question ID : 424429420

Status : Answered

Chosen Option : 4

Q.11 In the given sentence identify the segment which contains the grammatical error.

When I met Akbar Padamsee, one of a pioneers of Indian art, he was 87 but still alert and active.

- Ans
- 1. one of a pioneers of Indian art
 - 2. but still alert and active
 - 3. When I met
 - 4. he was 87

Question ID : 424429417

Status : Answered

Chosen Option : 1

Q.12 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. This test is conducted on the fully automated Driving Test Track designed by Maruti Suzuki.
- B. Each of these specific skills are to be tested and need to be completed successfully in under seven minutes by the candidate.
- C. It is a fully-automated track having six segments to test specific driving skills.
- D. The Regional Transport Offices of Delhi have recently introduced the new driving test.

- Ans
- 1. BADC
 - 2. ADBC
 - 3. DBAC
 - 4. DACB

Question ID : 424429405
Status : Answered
Chosen Option : 4

Q.13 In the given sentence identify the segment which contains the grammatical error.

Your skill lie in cheering up people who are stressed out, wound up or generally just annoyed.

- Ans
- 1. in cheering up people
 - 2. Your skill lie
 - 3. who are stressed out, wound up
 - 4. or generally just annoyed

Question ID : 424429418
Status : Marked For Review
Chosen Option : 3

Q.14 Select the most appropriate word to fill in the blank in the given sentence.

Padamse worked like a mathematician and was a true _____ who experimented with numerous mediums.

- Ans
- 1. adversary
 - 2. voluntary
 - 3. visionary
 - 4. literary

Question ID : 424429430
Status : Answered
Chosen Option : 3

Q.15 Select the most appropriate ANTONYM of the given word.

SURVEILLANCE

- Ans
- 1. Endurance
 - 2. Attack
 - 3. Vigilance
 - 4. Neglect

Question ID : 424429407
Status : Answered
Chosen Option : 4

Q.16 Select the wrongly spelt word.

- Ans
- 1. Jocularly
 - 2. Popularly
 - 3. Beggarly
 - 4. Sincearly

Question ID : 424429424
Status : Answered
Chosen Option : 3

Q.17 Select the most appropriate meaning of the given idiom.

Stir up a hornet's nest

- Ans
- 1. Destroy a nest
 - 2. Provoke trouble
 - 3. Lead a revolt
 - 4. Call for dialogue

Question ID : 424429423
Status : Answered
Chosen Option : 2

Q.18 Select the most appropriate word to fill in the blank in the given sentence.

If the video clip of the murder had not been shared on social media, the world would likely have remained _____ of the tragedy.

- Ans
- 1. unconfirmed
 - 2. recognised
 - 3. unaware
 - 4. renowned

Question ID : 424429429
Status : Answered
Chosen Option : 3

Q.19 Select the most appropriate ANTONYM of the given word.

DEMOLISH

- Ans
- 1. Obstruct
 - 2. Cherish
 - 3. Construct
 - 4. Abolish

Question ID : 424429406

Status : Answered

Chosen Option : 3

Q.20 Select the most appropriate synonym of the given word.

GUILE

- Ans
- 1. Intuition
 - 2. Sincerity
 - 3. Deceit
 - 4. Surfeit

Question ID : 424429428

Status : Answered

Chosen Option : 3

Q.21 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

It is reported that everyday India witnessing the death of over 2000 babies aged less than one year.

- Ans
- 1. India will be witness the death
 - 2. No improvement
 - 3. India witnesses the death
 - 4. India witness the death

Question ID : 424429421

Status : Answered

Chosen Option : 2

Q.22 Select the word which means the same as the group of words given.

That which is no longer useful

- Ans
- 1. Reluctant
 - 2. Redundant
 - 3. Dominant
 - 4. Abundant

Question ID : 424429426

Status : Answered

Chosen Option : 2

Q.23 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The most well-known among them is the Purple Frog needing immediate protection.
- B. The Secret Life of Frogs is the first ever film on the Amphibians of India.
- C. The film has been shot extensively in the Western Ghats.
- D. It showcases unique species of frogs which are critically endangered.

- Ans
- 1. CBDA
 - 2. BCAD
 - 3. BCDA
 - 4. DCBA

Question ID : 424429419
Status : Answered
Chosen Option : 3

Q.24 Select the word which means the same as the group of words given.

Something that is genuine

- Ans
- 1. Academic
 - 2. Majestic
 - 3. Unreal
 - 4. Authentic

Question ID : 424429425
Status : Answered
Chosen Option : 4

Q.25 Select the correct indirect form of the given sentence.

“Do you attend the film festival at Goa every year?” he asked.

- Ans
- 1. He asked me if I attended the film festival at Goa every year.
 - 2. He is asking me if I attended the film festival at Goa every year.
 - 3. He asks me if I attend the film festival at Goa every year.
 - 4. He had asked me if I was attending the film festival at Goa every year.

Question ID : 424429416
Status : Answered
Chosen Option : 1

Q.1 In a certain code language, N is coded as 30 and COT is coded as 78. How will PET be coded as in that language?

- Ans
- 1. 41
 - 2. 100
 - 3. 70
 - 4. 84

Question ID : 424429440
Status : Not Answered
Chosen Option : --

Q.2 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(7, 15, 31)

- Ans
- 1. (6, 13, 21)
 - 2. (3, 7, 15)
 - 3. (5, 625, 6)
 - 4. (2, 17, 14)

Question ID : 424429434
Status : Answered
Chosen Option : 2

Q.3 Arrange the given words in a logical and meaningful sequence.

1. Flat
2. Street
3. Room
4. Apartment
5. Town

- Ans
- 1. 5, 4, 3, 2, 1
 - 2. 3, 4, 1, 2, 5
 - 3. 3, 5, 1, 4, 2
 - 4. 3, 1, 4, 2, 5

Question ID : 424429438
Status : Answered
Chosen Option : 2

Q.4 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

GOAT : DQYW :: TRES : ?

- Ans
- 1. RSDW
 - 2. HUMO
 - 3. QTCV
 - 4. PSBU

Question ID : 424429441
Status : Answered
Chosen Option : 3

Q.5 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. Frisk
 - 2. Neigh
 - 3. Chirp
 - 4. Bleat

Question ID : 424429447
Status : Answered
Chosen Option : 1

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.

Work : Joule :: Area : ?

- Ans
- 1. Length
 - 2. Radian
 - 3. Perimeter
 - 4. Hectare

Question ID : 424429442
Status : Answered
Chosen Option : 4

Q.7 Four letter-clusters have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- Ans
- 1. LNP
 - 2. DFH
 - 3. FHJ
 - 4. TVW

Question ID : 424429444
Status : Answered
Chosen Option : 4

Q.8 Select the Venn diagram that best represents the relationship between the following classes.

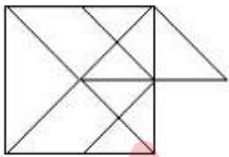
Reptile, Mammal, Lizard

Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 424429455
Status : Answered
Chosen Option : 3

Q.9 How many triangles are there in the following figure?



Ans

- 1. 22
- 2. 18
- 3. 20
- 4. 21

Question ID : 424429451
Status : Answered
Chosen Option : 2

Q.10 Select the combination of letters that when sequentially placed from left to right in the blanks of the given letter series will complete the series.

aba_ccdab_b__dababc__

Ans

- 1. caccdd
- 2. bacacd
- 3. abdccd
- 4. baccdd

Question ID : 424429443
Status : Answered
Chosen Option : 4

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All beans are meat.
2. All breads are meat.

Conclusions:

- I. Some beans are breads.
- II. Some breads are beans.

- Ans**
- 1. Neither conclusion I nor II follows.
 - 2. Both conclusions I and II follow.
 - 3. Only conclusion I follows.
 - 4. Either conclusion I or II follows.

Question ID : 424429448
Status : Answered
Chosen Option : 1

Q.12 Three different positions of the same dice are shown. Select the number that will be on the face opposite to the face showing the number '1'.



- Ans**
- 1. 4
 - 2. 6
 - 3. 5
 - 4. 3

Question ID : 424429449
Status : Answered
Chosen Option : 2

Q.13 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(3, 68, 5)

- Ans**
- 1. (2, 10, 1)
 - 2. (5, 95, 8)
 - 3. (2, 72, 10)
 - 4. (4, 64, 5)

Question ID : 424429435
Status : Answered
Chosen Option : 3

Q.14 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

- Ans**
- 1. 255
 - 2. 212
 - 3. 268
 - 4. 124

Question ID : 424429437
Status : **Not Answered**
Chosen Option : --

Q.15 John used to buy petrol at the rate of ₹80 per litre till last month. Now he buys it at the rate of ₹85 per litre. By what percentage did the petrol price increase as compared to last month?

- Ans**
- 1. 5.5%
 - 2. 8.35%
 - 3. 10%
 - 4. 6.25%

Question ID : 424429431
Status : **Answered**
Chosen Option : 4

Q.16 Select the option in which the words share the same relationship as that shared by the given pair of words.

Cow : Milk

- Ans**
- 1. Bird : Fly
 - 2. Eagle : Swoop
 - 3. Hen : Egg
 - 4. Goat : Bleat

Question ID : 424429445
Status : **Answered**
Chosen Option : 3

Q.17 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans**
- 1. ADZW
 - 2. EGVT
 - 3. TUGD
 - 4. NOML

Question ID : 424429446
Status : **Answered**
Chosen Option : 3

Q.18 Select the option in which the numbers share the same relationship as that shared by the given number-pair.

8 : 49

- Ans 1. 12 : 121
 2. 13 : 170
 3. 9 : 87
 4. 15 : 210

Question ID : 424429433
 Status : Answered
 Chosen Option : 1

Q.19 Select the correct combination of mathematical signs to replace 'A' sequentially from left to right and balance the following equation.

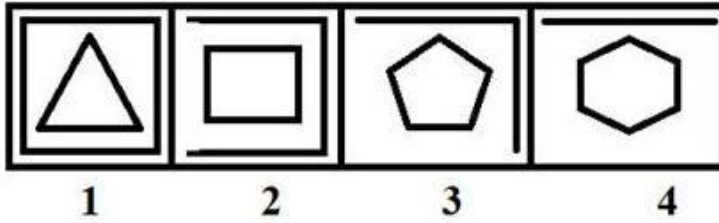
26 A 2 A 3 A 3 A 13

- Ans 1. ÷, ×, =, ×
 2. ×, =, -, ÷
 3. ×, ÷, +, =
 4. ÷, ×, =, -

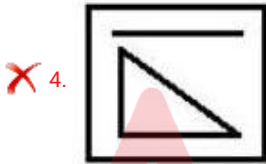
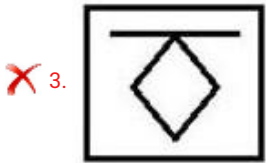
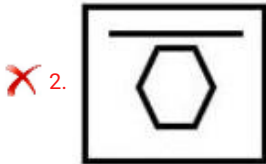
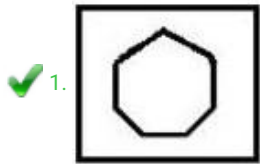
Question ID : 424429432
 Status : Answered
 Chosen Option : 1



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



Ans



Question ID : 424429450
 Status : Answered
 Chosen Option : 1

Q.21 Disha's salary is ₹3,000 more than Pratima's salary. The ratio of Disha's to Pratima's salary is 17 : 15, respectively. What is the salary of Pratima?

- Ans
- ✗ 1. ₹27,250
 - ✓ 2. ₹22,500
 - ✗ 3. ₹25,500
 - ✗ 4. ₹26,750

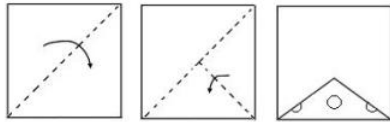
Question ID : 424429436
 Status : Answered
 Chosen Option : 3

Q.22 In a certain code language, 'BROWSE' is written as 'GUYQTD'. How will 'AMALGAM' be written as in that language?

- Ans
- 1. CONCICO
 - 2. OCINCOC
 - 3. PMDGCPD
 - 4. DPMDGCP

Question ID : 424429439
Status : Answered
Chosen Option : 2

Q.23 The sequence of folding a 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?

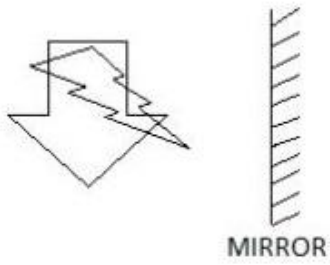


Ans

- 1.
- 2.
- 3.
- 4.

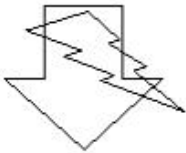
Question ID : 424429453
Status : Answered
Chosen Option : 2

Q.24 Select the correct mirror image of the given figure.

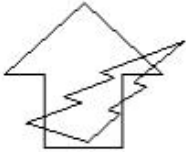


Ans

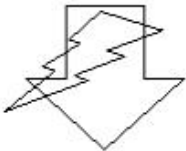
X 1.



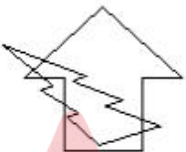
X 2.



✓ 3.

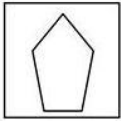


X 4.



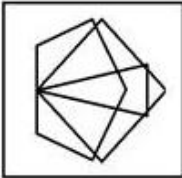
Question ID : 424429454
Status : Answered
Chosen Option : 3

Q.25 Select the option in which the given figure is embedded. (Rotation of the figure is not allowed)



Ans

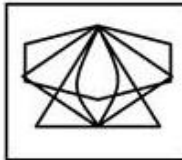
✗ 1.



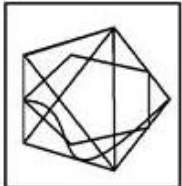
✓ 2.



✗ 3.

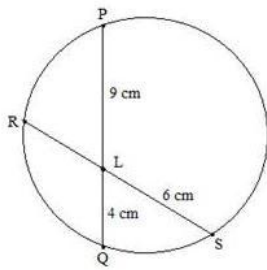


✗ 4.



Question ID : 424429452
Status : Answered
Chosen Option : 2

Q.1 In the given figure, chords PQ and RS intersect each other at point L. Find the length of RL.



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

Question ID : 424429465
Status : Answered
Chosen Option : 4

Q.2 In $\triangle XYZ$, L and M are the middle points of the sides XY and XZ, respectively. R is a point on the segment LM, such that $LR : RM = 1 : 2$. If $LR = 3$ cm, then YZ is equal to:

- Ans
- 1. 19 cm
 - 2. 17 cm
 - 3. 18 cm
 - 4. 16 cm

Question ID : 424429467
Status : Answered
Chosen Option : 3

Q.3 If $\cos(x - y) = \frac{\sqrt{3}}{2}$ and $\sin(x + y) = \frac{1}{2}$, then the value of x ($0 < x < 90$) is:

- Ans
- 1. 15°
 - 2. 60°
 - 3. 45°
 - 4. 30°

Question ID : 424429476
Status : Answered
Chosen Option : 4

Q.4 15 men can complete a task in 10 days. In how many days can 20 men complete the same task?

- Ans
- 1. 6.5 days
 - 2. 7.5 days
 - 3. 5.5 days
 - 4. 8.5 days

Question ID : 424429456
Status : Answered
Chosen Option : 2

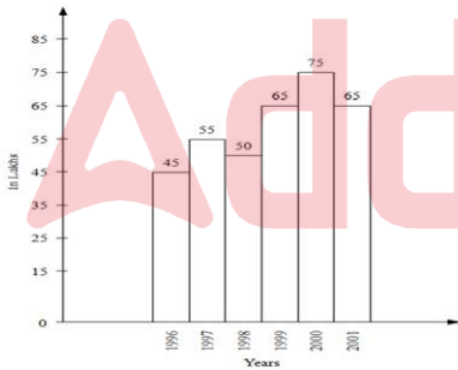
Q.5 If $a + b + c = 2$, $\frac{1}{a} + \frac{1}{b} + \frac{1}{c} = 0$, $ac = \frac{4}{b}$ and $a^3 + b^3 + c^3 = 28$, find the value of $a^2 + b^2 + c^2$.

- Ans
- 1. 6
 - 2. 12
 - 3. 10
 - 4. 8

Question ID : 424429471
Status : Answered
Chosen Option : 4

Q.6 The following graph given the annual percent profit earned by a company during the period 1996-2001. Study the graph carefully and answer the questions that follow.

$$\% \text{ profit} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$



The period in which the profit of the company has increased fastest is:

- Ans
- 1. 1998-1999
 - 2. 1997-1998
 - 3. 2000-2001
 - 4. 1996-1997

Question ID : 424429478
Status : Answered
Chosen Option : 1

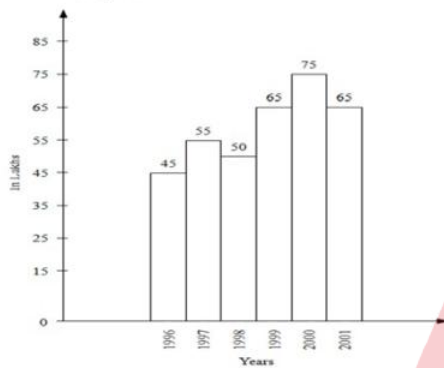
Q.7 Kavita's attendance in her school for the academic session 2018-2019 was 216 days. On computing her attendance, it was observed that her attendance was 90%. The total working days of the school were:

- Ans**
- 1. 250
 - 2. 194
 - 3. 240
 - 4. 195

Question ID : 424429461
 Status : Answered
 Chosen Option : 3

Q.8 The following graph represents the annual percentage profit earned by a company during the period 1996 - 2001. Study the graph carefully and answer the questions that follow.

$$\% \text{ profit} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$



The profit earned by the company is maximum in the year:

- Ans**
- 1. 1996
 - 2. 2001
 - 3. 1999
 - 4. 2000

Question ID : 424429477
 Status : Answered
 Chosen Option : 4

Q.9 Ram sold a motorcycle for ₹70000 at 25% profit. For what price should he sell a motorcycle to gain 30% profit?

- Ans**
- 1. ₹72,900
 - 2. ₹72,800
 - 3. ₹72,600
 - 4. ₹72,700

Question ID : 424429462
 Status : Answered
 Chosen Option : 2

Q.10 If $x - 2y = 3$ and $xy = 5$, find the value of $x^2 - 4y^2$.

- Ans
- 1. 22
 - 2. 21
 - 3. 23
 - 4. 20

Question ID : 424429469
Status : Answered
Chosen Option : 2

Q.11 What is the value of the following?

$$-15 + 90 \div [89 - \{9 \times 8 + (33 - 3 \times 7)\}]$$

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

Question ID : 424429473
Status : Answered
Chosen Option : 2

Q.12 The least value of $8\operatorname{cosec}^2\theta + 25\sin^2\theta$ is:

- Ans
- 1. $30\sqrt{2}$
 - 2. $40\sqrt{2}$
 - 3. $10\sqrt{2}$
 - 4. $20\sqrt{2}$

Question ID : 424429475
Status : Answered
Chosen Option : 3

Q.13 The diagonal of rectangle is 15 cm and length is 12 cm. Find the area of the rectangle.

- Ans
- 1. 108 cm^2
 - 2. 116 cm^2
 - 3. 114 cm^2
 - 4. 112 cm^2

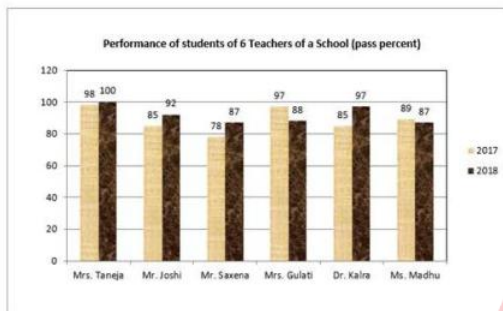
Question ID : 424429458
Status : Answered
Chosen Option : 1

Q.14 ₹6,300 is divided between X, Y, Z, such that $X : Y = 7 : 5$ and $Y : Z = 4 : 3$. Find the share of Y.

- Ans
- 1. ₹1,800
 - 2. ₹2,000
 - 3. ₹2,200
 - 4. ₹2,400

Question ID : 424429463
Status : Answered
Chosen Option : 2

Q.15 The given graph shows the pass percentage of students taught by six teachers of a school in the Senior Secondary Board exam.



Identify the teacher whose students have shown the maximum improvement.

- Ans
- 1. Mrs. Taneja
 - 2. Mr. Saxena
 - 3. Dr. Kalra
 - 4. Mr. Joshi

Question ID : 424429479
Status : Answered
Chosen Option : 3

Q.16 If $\frac{\cos\theta + \sin\theta}{\cos\theta - \sin\theta} = 8$, then the value of $\cot\theta$ is equal to:

- Ans
- 1. $\frac{6}{5}$
 - 2. $\frac{9}{7}$
 - 3. $\frac{8}{7}$
 - 4. $\frac{7}{6}$

Question ID : 424429474
Status : Answered
Chosen Option : 2

Q.17 In how many years shall ₹3,500 invested at the rate of 10% simple interest per annum, amount to ₹4,500?

Ans

- 1. $2\frac{5}{7}$ years
- 2. $2\frac{3}{7}$ years
- 3. $2\frac{6}{7}$ years
- 4. $2\frac{4}{7}$ years

Question ID : 424429464

Status : Answered

Chosen Option : 3

Q.18 If $\cot A = k$, then $\sin A$ is equal to:

(presume that A is an acute angle)

Ans

- 1. $\frac{1}{\sqrt{1+k^2}}$
- 2. $\frac{k^2}{\sqrt{1+k^2}}$
- 3. $\frac{1}{k}$
- 4. $-\frac{1}{k}$

Question ID : 424429470

Status : Answered

Chosen Option : 1

Q.19 M is the circumcentre of $\triangle ABC$ with circumradius 15 cm. Let $BC = 24$ cm and ML is perpendicular to BC . Then the length of ML is:

Ans

- 1. 10 cm
- 2. 12 cm
- 3. 9 cm
- 4. 8 cm

Question ID : 424429468

Status : Answered

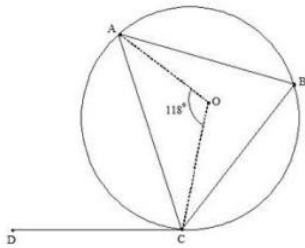
Chosen Option : 3

Q.20 Which of the following options is completely divisible by 11

- Ans 1. 963391
 2. 116571
 3. 809781
 4. 107611

Question ID : 424429472
 Status : Answered
 Chosen Option : 1

Q.21 In the given figure, BC is a chord and CD is a tangent through the point C. If $\angle AOC = 118^\circ$, then find the $\angle ACD$.

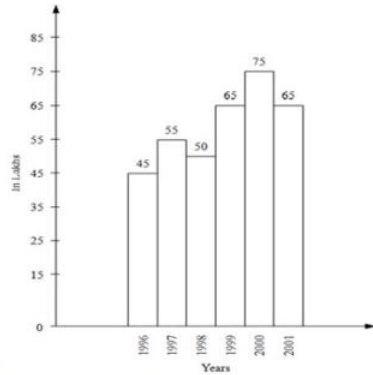


- Ans 1. 56°
 2. 65°
 3. 59°
 4. 63°

Question ID : 424429466
 Status : Answered
 Chosen Option : 3

Q.22 The following graph given the annual percent profit earned by a company during the period 1996-2001. Study the graph carefully and answer the questions that follow.

$$\% \text{ profit} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$



The expenditure of the company during the year 1996 was ₹30 crores. The income of the company in that year was (in crores ₹):

- Ans
- 1. 45
 - 2. 43.5
 - 3. 44.5
 - 4. 44

Question ID : 424429480
Status : Answered
Chosen Option : 2

Q.23 List the price of a bike is 15% more than its cost price. It is sold at a discount of 20%. Find the dealer's loss or profit percentage.

- Ans
- 1. Loss 9%
 - 2. Profit 9%
 - 3. Profit 8%
 - 4. Loss 8%

Question ID : 424429460
Status : Answered
Chosen Option : 4

Q.24 The average age of 25 men is 28 years. 5 new men of an average age of 25 years joined them. Find the average age of all the men together.

- Ans
- 1. 29.5 years
 - 2. 26.5 years
 - 3. 27.5 years
 - 4. 28.5 years

Question ID : 424429459
Status : Answered
Chosen Option : 3

Q.25 Richa travels from A to B at the speed of 15 km/h, from B to C at 20 km/h, and from C to D at 30 km/h. If $AB = BC = CD$, then find the Richa's average speed.

- Ans
- 1. 19 km/h
 - 2. 17 km/h
 - 3. 18 km/h
 - 4. 20 km/h

Question ID : 424429457
Status : Answered
Chosen Option : 4

Section : General Awareness

Q.1 Which article of the Constitution of India mentions that the Lok Sabha must have a Speaker and a Deputy Speaker?

- Ans
- 1. Article 97
 - 2. Article 100
 - 3. Article 93
 - 4. Article 85

Question ID : 424429502
Status : Answered
Chosen Option : 4

Q.2 'Aatish-i-Chinar' (Flames of Chinar) is the autobiography of which politician?

- Ans
- 1. APJ Abdul Kalam
 - 2. Benazir Bhutto
 - 3. Sheikh Muhammad Abdullah
 - 4. M Hidayatullah

Question ID : 424429499
Status : Answered
Chosen Option : 2

Q.3 Which is the second largest river basin in India that covers 10% of the country's area?

- Ans
- 1. Krishna
 - 2. Godavari
 - 3. Mahanadi
 - 4. Narmada

Question ID : 424429493
Status : Answered
Chosen Option : 2

Q.4 In a computer, which unit is responsible for processing data and is also called the electronic brain of the computer?

- Ans
- 1. Central Processing Unit (CPU)
 - 2. Hard Disk
 - 3. Keyboard
 - 4. RAM

Question ID : 424429481
Status : Answered
Chosen Option : 1

Q.5 What is the range of the intensity scale used in measuring earthquakes?

- Ans
- 1. 1 to 15
 - 2. 1 to 5
 - 3. 1 to 12
 - 4. 1 to 7

Question ID : 424429482
Status : Answered
Chosen Option : 3

Q.6 In which year were the 'Kalbelia' folk songs and dances of Rajasthan included in UNESCO's representative list of Intangible Cultural Heritage?

- Ans
- 1. 2010
 - 2. 2012
 - 3. 2017
 - 4. 2015

Question ID : 424429484
Status : Not Answered
Chosen Option : --

Q.7 'Saga Dawa' is one of the biggest Buddhist festivals. In which one of the following states is it celebrated?

- Ans
- 1. Sikkim
 - 2. Jharkhand
 - 3. Odisha
 - 4. Kerala

Question ID : 424429483
Status : Answered
Chosen Option : 1

Q.8 What disease is caused by insulin deficiency?

- Ans
- 1. Multiple Sclerosis
 - 2. Rheumatoid arthritis (RA)
 - 3. Scleroderma
 - 4. Diabetes mellitus

Question ID : 424429490
Status : Answered
Chosen Option : 4

Q.9 In the context of the mesosphere, which of the following statements is NOT correct?

- Ans
- 1. It is directly above the stratosphere.
 - 2. In this layer temperature rises very rapidly with increasing height.
 - 3. Meteorites burn up in this layer on entering from the space.
 - 4. It is the third layer of the atmosphere.

Question ID : 424429495
Status : Answered
Chosen Option : 3

Q.10 With which of the following sports is Bhamidipati Sai Praneeth associated?

- Ans
- 1. Hockey
 - 2. Cricket
 - 3. Badminton
 - 4. Tennis

Question ID : 424429503
Status : Not Answered
Chosen Option : --

Q.11 How many times did Pankaj Advani win the 'IBSF World Billiards Championship'?

- Ans
- 1. 22
 - 2. 20
 - 3. 24
 - 4. 21

Question ID : 424429505
Status : Not Answered
Chosen Option : --

Q.12 Who was best known for hoisting the Indian National Congress flag at the Gowalia Tank maidan in Bombay during the Quit India Movement?

- Ans
- 1. Kanaklata Barua
 - 2. Lakshmi Sahgal
 - 3. Bhikaiji Rustom Cama
 - 4. Aruna Asaf Ali

Question ID : 424429498
Status : Not Answered
Chosen Option : --

Q.13 In which process is a protective zinc coating applied on iron to prevent it from rusting?

- Ans
- 1. Welding
 - 2. Smelting
 - 3. Galvanisation
 - 4. Annealing

Question ID : 424429491
Status : Answered
Chosen Option : 3

Q.14 Who introduced the 'Doctrine of Lapse'?

- Ans
- 1. Lord Canning
 - 2. Lord Dalhousie
 - 3. Lord Wellesley
 - 4. Lord Lytton

Question ID : 424429497
Status : Answered
Chosen Option : 2

Q.15 On 2 December 2019, who became the first female pilot of the Indian Navy?

- Ans
- 1. Bhawana Kanth
 - 2. Sarla Thakral
 - 3. Punita Arora
 - 4. Shivangi

Question ID : 424429486
Status : Not Answered
Chosen Option : --

Q.16 The Atrial wall of the human heart secretes a very important peptide hormone. What is the name of that hormone?

- Ans
- 1. ADH
 - 2. ANF
 - 3. GIP
 - 4. CCK

Question ID : 424429492
Status : Not Answered
Chosen Option : --

Q.17 Which of the following is INCORRECTLY paired?

- Ans
- 1. Pedology – Phyto geography
 - 2. Anthropology – Cultural geography
 - 3. Demography – Population geography
 - 4. Hydrology – Oceanography

Question ID : 424429496
Status : Not Answered
Chosen Option : --

Q.18 Which Indian actress was chosen for the '2020 Crystal Award' given by the World Economic Forum for spreading awareness about mental health?

- Ans
- 1. Kangana Ranaut
 - 2. Vidya Balan
 - 3. Deepika Padukone
 - 4. Priyanka Chopra

Question ID : 424429500
Status : Answered
Chosen Option : 1

Q.19 According to the Economist Intelligence Unit (EIU), what is India's rank in the 2019 worldwide Index of Cancer Preparedness (ICP)?

- Ans
- 1. 28
 - 2. 19
 - 3. 10
 - 4. 15

Question ID : 424429489
Status : Not Answered
Chosen Option : --

Q.20 On which day is Constitution Day celebrated every year in India?

- Ans
- 1. 15 October
 - 2. 2 October
 - 3. 30 November
 - 4. 26 November

Question ID : 424429501
Status : Answered
Chosen Option : 4

Q.21 Which forest is also referred to as 'Monsoon Forests'?

- Ans
- 1. Tropical Evergreen Forests
 - 2. Tropical Deciduous Forests
 - 3. Mangrove Forests
 - 4. Montane Forests

Question ID : 424429494
Status : Answered
Chosen Option : 2

Q.22 Which of the following Bollywood veterans was chosen for the 66th Dadasaheb Phalke Award for 2018?

- Ans
- 1. Nana Patekar
 - 2. Ashutosh Rana
 - 3. Shatrughan Sinha
 - 4. Amitabh Bachchan

Question ID : 424429485
Status : Answered
Chosen Option : 4

Q.23 Which of the following companies was chosen for the UN Global Climate Action Award in the 'Carbon Neutral Now' category in September 2019?

- Ans
- 1. Reliance Health
 - 2. Organic India
 - 3. Wipro
 - 4. Infosys

Question ID : 424429487
Status : Answered
Chosen Option : 4

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Q.24 Who became the first player in history to win the 'Sir Garfield Sobers Trophy' for 'ICC Cricketer of the Year'?

- Ans 1. Virat Kohli
 2. Mahendra Singh Dhoni
 3. Ravichandran Ashwin
 4. Sachin Tendulkar

Question ID : 424429504
Status : Answered
Chosen Option : 4

Q.25 Who founded the Indian Statistical Institute (ISI) in Calcutta?

- Ans 1. Prasanta Chandra Mahalanobis
 2. RN Mookerjee
 3. JM Sengupta
 4. Subhendu Sekhar Bose

Question ID : 424429488
Status : Not Answered
Chosen Option : --