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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Given below are four jumbled sentences. Pick the option that gives their correct order.

- A. He decides to leave home and sets out to find him with the help of his best friend called Sungreen.
- B. It narrates the story of a young and sensitive boy in a tough world.
- C. 'A Boy and Sungreen' is a film by the Chinese filmmaker, Ahn-Ju-Young.
- D. When he finds that his supposedly dead father is alive he decides to act.

- Ans
- 1. DBCA
 - 2. CBDA
 - 3. CABD
 - 4. ABDC

Question ID : 4244291427
Status : Answered
Chosen Option : 2

Q.2 Select the INCORRECTLY spelt word.

- Ans
- 1. Liason
 - 2. Magisterial
 - 3. Maintain
 - 4. Jurist

Question ID : 4244291434
Status : Answered
Chosen Option : 3

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

OUTSPOKEN

- Ans
- 1. Ambivalent
 - 2. Candid
 - 3. Equivocal
 - 4. Secretive

Question ID : 4244291430
Status : Answered
Chosen Option : 4

Q.4 Select the correct passive form of the given sentence.

Did you inform him about the ticket cancellation?

- Ans
- 1. Was he informed about the ticket cancellation by you?
 - 2. Will he be informed about the ticket cancellation by you?
 - 3. Is he being informed about the ticket cancellation by you?
 - 4. Was he being informed about the ticket cancellation by you?

Question ID : 4244291416
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.

Studies have shown that there is no standard advice one can (1)_____ to parents. Some guidelines however, may (2)_____. The first one is that children are all different and there is no one way (3)_____ bringing them up. Each child should be treated as (4)_____ individual. The second is that heredity is important, both for intelligence and (5)_____.

SubQuestion No : 5

Q.5 Select the most appropriate option for blank No. 1.

- Ans
- 1. giving
 - 2. give
 - 3. given
 - 4. gave

Question ID : 4244291421
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.

Studies have shown that there is no standard advice one can (1)_____ to parents. Some guidelines however, may (2)_____. The first one is that children are all different and there is no one way (3)_____ bringing them up. Each child should be treated as (4)_____ individual. The second is that heredity is important, both for intelligence and (5)_____.

SubQuestion No : 6

Q.6 Select the most appropriate option for blank No. 2.

- Ans
- 1. was provided
 - 2. be provided
 - 3. is provide
 - 4. being provided

Question ID : 4244291422
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.

Studies have shown that there is no standard advice one can (1)_____ to parents. Some guidelines however, may (2)_____. The first one is that children are all different and there is no one way (3)_____ bringing them up. Each child should be treated as (4)_____ individual. The second is that heredity is important, both for intelligence and (5)_____.

SubQuestion No : 7

Q.7 Select the most appropriate option for blank No. 3.

- Ans 1. by
 2. of
 3. from
 4. off

Question ID : 4244291423

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.

Studies have shown that there is no standard advice one can (1)_____ to parents. Some guidelines however, may (2)_____. The first one is that children are all different and there is no one way (3)_____ bringing them up. Each child should be treated as (4)_____ individual. The second is that heredity is important, both for intelligence and (5)_____.

SubQuestion No : 8

Q.8 Select the most appropriate option for blank No. 4.

- Ans 1. an
 2. many
 3. a
 4. that

Question ID : 4244291424

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.

Studies have shown that there is no standard advice one can (1)_____ to parents. Some guidelines however, may (2)_____. The first one is that children are all different and there is no one way (3)_____ bringing them up. Each child should be treated as (4)_____ individual. The second is that heredity is important, both for intelligence and (5)_____.

SubQuestion No : 9

Q.9 Select the most appropriate option for blank No.5.

- Ans
- 1. personal
 - 2. personnel
 - 3. personality
 - 4. personalise

Question ID : 4244291425
Status : Answered
Chosen Option : 3

Q.10 Select the correct Indirect form of the given sentence.

The minister said, "It is tragic that the Australian bush fires have claimed the lives of so many helpless animals."

- Ans
- 1. The minister said that it was tragic that the Australian bush fires had claimed the lives of so many helpless animals.
 - 2. The minister said that it was tragic that the Australian bush fires claimed the lives of so many helpless animals.
 - 3. The minister said that it was tragic that the Australian bush fires were claiming the lives of so many helpless animals.
 - 4. The minister said that it was tragic that the Australian bush fires have been claiming the lives of so many helpless animals.

Question ID : 4244291417
Status : Answered
Chosen Option : 1

Q.11 Select the most appropriate word to fill in the blank.

In our metro cities the contrast between the high rise buildings with the slums behind is _____.

- Ans
- 1. comforting
 - 2. interesting
 - 3. laudable
 - 4. appalling

Question ID : 4244291440
Status : Answered
Chosen Option : 1

Q.12 Select the most appropriate meaning of the given idiom.

Keep up appearances

- Ans
- 1. To pretend to be happier or richer so as to conceal the real situation
 - 2. To spend a lot of time on appearances so as to lead the fashion world
 - 3. To deliberately appear shabby and not care to impress people
 - 4. To waste a lot of money on mindless shopping and not bother about the consequences

Question ID : 4244291432

Status : Answered

Chosen Option : 1

Q.13 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'.

The week-long Theatre Festival has begun with a wonderful lines of plays.

- Ans
- 1. No improvement
 - 2. lined up
 - 3. lines up
 - 4. line up

Question ID : 4244291428

Status : Answered

Chosen Option : 2

Q.14 In the sentence identify the segment which contains the grammatical error.

Mani Kaul begun his career as an actor and a director of short films before doing his debut feature film, 'Uski Roti.'

- Ans
- 1. debut feature film, 'Uski Roti.'
 - 2. begun his career as an actor
 - 3. a director of short films
 - 4. before doing his

Question ID : 4244291419

Status : Answered

Chosen Option : 2

Q.15 Select the most appropriate meaning of the given idiom.

In the blink of an eye

- Ans
- 1. Something that is not real
 - 2. Within a very short period of time
 - 3. Within a very long period of time
 - 4. Something that is unavoidable

Question ID : 4244291433

Status : Answered

Chosen Option : 2

Q.16 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'.

Some people believe that 2020 is going to be a very significant year in our history.

- Ans 1. No improvement
 2. will going
 3. were going
 4. are going

Question ID : 4244291429
Status : Answered
Chosen Option : 1

Q.17 Select the most appropriate word to fill in the blank.

The politician was responsible for _____ violence in the university.

- Ans 1. inciting
 2. winning
 3. losing
 4. preparing

Question ID : 4244291441
Status : Answered
Chosen Option : 1

Q.18 Select the INCORRECTLY spelt word.

- Ans 1. Syllabi
 2. Aggravate
 3. Zoologist
 4. Luxurient

Question ID : 4244291435
Status : Answered
Chosen Option : 1

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

COMPATRIOT

- Ans 1. Brethren
 2. Countryman
 3. Outsider
 4. Insider

Question ID : 4244291431
Status : Answered
Chosen Option : 1

Q.20 Select the word that means the same as the given group of words.

Unable to think clearly because of a mental illness

- Ans
- 1. Deranged
 - 2. Eccentric
 - 3. Whimsical
 - 4. Balanced

Question ID : 4244291436
Status : Answered
Chosen Option : 3

Q.21 Given below are four jumbled sentences. Pick the option that gives their correct order.

- A. He would be accompanied by fifty or sixty torchbearers.
- B. When dawn broke the Emperor would alight, say his prayers and return by 8 a.m.
- C. They would all head towards the river Jamuna.
- D. During the winter months the Badshah Bahadur Shah Jafar would set off on his horse at 3 a.m.

- Ans
- 1. DCBA
 - 2. CBAD
 - 3. BACD
 - 4. DACB

Question ID : 4244291426
Status : Answered
Chosen Option : 4

Q.22 In the sentence identify the segment which contains the grammatical error.

Often hailed as one of the greatest industry leaders of India, Ratan Tata take across the reins of the company, leading from the front.

- Ans
- 1. leading from the front
 - 2. Often hailed as one of
 - 3. the greatest industry leaders from India,
 - 4. Ratan Tata take across the reins of the company

Question ID : 4244291418
Status : Answered
Chosen Option : 4

Q.23 Select the most appropriate synonym of the given word.

DETERIORATE

- Ans
- 1. Enliven
 - 2. Worsen
 - 3. Fasten
 - 4. Improve

Question ID : 4244291438
Status : Answered

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Q.24 Select the most appropriate synonym of the given word.

DESPONDENT

- Ans
- 1. Energetic
 - 2. Neutral
 - 3. Cheerful
 - 4. Depressed

Question ID : 4244291439
Status : Answered
Chosen Option : 4

Q.25 Select the word that means the same as the given group of words.

A person working on a trial period

- Ans
- 1. Probationer
 - 2. Petitioner
 - 3. Practitioner
 - 4. Professional

Question ID : 4244291437
Status : Answered
Chosen Option : 3

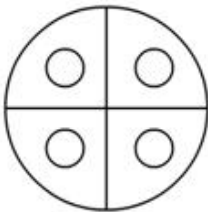
Section : General Intelligence

Q.1 A paper is folded and cut as shown in the following figure. How will this paper look when unfolded?

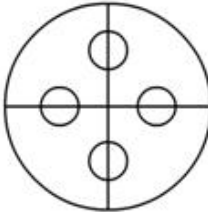


Ans

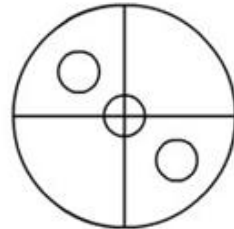
✓ 1.



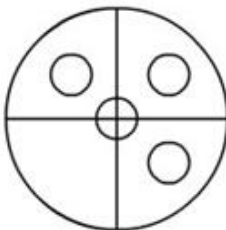
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291464

Status : Answered

Chosen Option : 1

Q.2 In a certain code language, PERNMETER is coded as 152785352, AREA is coded as 4254, and METAL is coded as 85349. How will LANE be coded as in that language?

Ans ✗ 1. 8451

✓ 2. 9475

✗ 3. 5214

✗ 4. 3245

Question ID : 4244291451

Status : Answered

Chosen Option : 2

Q.3 'Movie' is related to 'Actor' in the same way as 'Magazine' is related to '_____ '.

- Ans
- 1. Singer
 - 2. Publisher
 - 3. Writer
 - 4. Seller

Question ID : 4244291453
Status : Answered
Chosen Option : 3

Q.4 In a certain code language, 'QUESTION' is written as 'PTDRSHNM'. How will 'ANSWER' be written as in that language?

- Ans
- 1. NRVDQ
 - 2. YLQUCP
 - 3. YMRVDQ
 - 4. ZMRVDQ

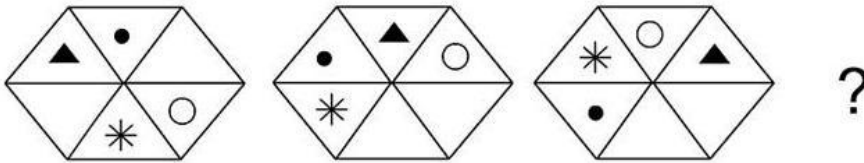
Question ID : 4244291450
Status : Answered
Chosen Option : 4

Q.5 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. GIK
 - 2. TUV
 - 3. BDF
 - 4. NPR

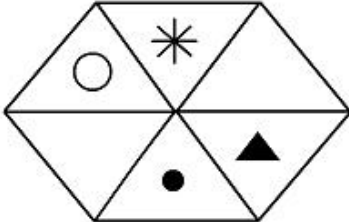
Question ID : 4244291457
Status : Answered
Chosen Option : 2

Q.6 Select the option figure that can replace the question mark (?) in the following series.

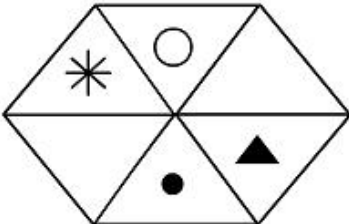


Ans

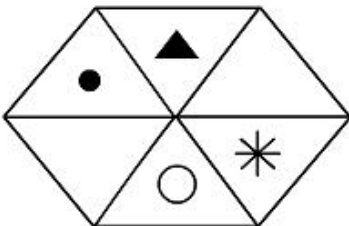
✓ 1.



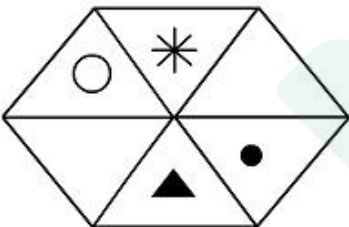
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291461

Status : Answered

Chosen Option : 1

Q.7 Which of the given options is NOT an example of a number triad with the following properties?

1. The second number is the square of the first number.
2. The third number is the cube of the first number.

- Ans
- ✓ 1. (11, 121, 1341)
 - ✗ 2. (17, 289, 4913)
 - ✗ 3. (13, 169, 2197)
 - ✗ 4. (12, 144, 1728)

Question ID : 4244291446
Status : Answered
Chosen Option : 3

Q.8 Seeing a portrait, Rucha asked Seema, "Whose portrait is this?". Seema replied, "Her son is the father of my daughter". Whose portrait is it?

- Ans
- ✗ 1. Seema
 - ✓ 2. Seema's mother-in-law
 - ✗ 3. Seema's sister
 - ✗ 4. Seema's mother

Question ID : 4244291455
Status : Answered
Chosen Option : 2

Q.9 Observe the following pattern and answer the given question.

U
S T
R Q P
L M N O
K J I H G
A B C D E F

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

LB : KJ :: ND : ?

- Ans
- ✗ 1. DE
 - ✗ 2. QP
 - ✓ 3. IH
 - ✗ 4. HI

Question ID : 4244291452
Status : Answered
Chosen Option : 3

Q.10 Select the option that is related to the third number in the same way as the second number is related to the first number.

23 : 110 :: 17 : ?

- Ans**
- 1. 70
 - 2. 85
 - 3. 90
 - 4. 80

Question ID : 4244291444

Status : Answered

Chosen Option : 4

Q.11 Select the option that is related to the fourth term in the same way as the first term is related to the second term.

World Environment Day : 5 June :: ? : 20 August

- Ans**
- 1. Renewable Energy Day
 - 2. International Women's Day
 - 3. World AIDS Day
 - 4. World Water Day

Question ID : 4244291456

Status : Answered

Chosen Option : 1

Q.12 Four number triads have been given, out of which three are alike in some manner and one is different. Select the number triad that is different from the rest.

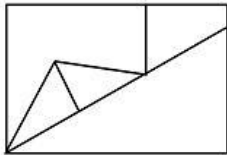
- Ans**
- 1. (192, 384, 576)
 - 2. (352, 436, 646)
 - 3. (219, 438, 657)
 - 4. (327, 654, 981)

Question ID : 4244291445

Status : Not Answered

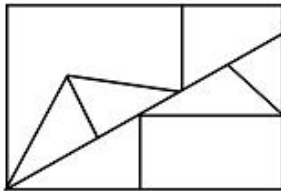
Chosen Option : --

Q.13 Select the option in which the given figure is embedded. (Rotation is not allowed)

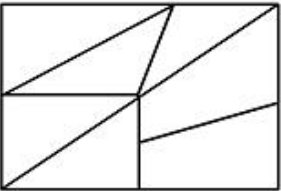


Ans

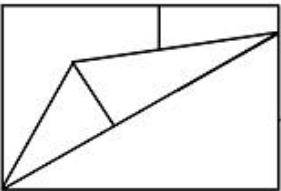
✓ 1.



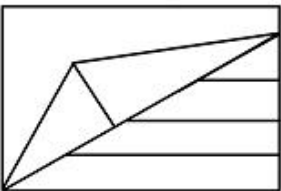
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291463

Status : Answered

Chosen Option : 1

Q.14 Three different positions of a dice are shown. Select the letter that will be on the face opposite to the one having 'A'.



Ans ✓ 1. E

✗ 2. F

✗ 3. D

✗ 4. C

Question ID : 4244291460

Status : Answered

Chosen Option : 1

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

ab__bb__aa_ba__ab__

- Ans**
- 1. ababbaab
 - 2. aaabbbab
 - 3. babaabaa
 - 4. bbaabbaa

Question ID : 4244291454

Status : **Answered**

Chosen Option : 3

Q.16 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- 1. April
 - 2. June
 - 3. March
 - 4. May

Question ID : 4244291458

Status : **Not Answered**

Chosen Option : --

Q.17 Select the correct option that represents the given Venn diagram.



- Ans**
- 1. School, Class, Students
 - 2. Ocean, River, Lake
 - 3. Whole numbers, Even numbers, Odd numbers
 - 4. Maharashtra, Mumbai, Delhi

Question ID : 4244291466

Status : **Answered**

Chosen Option : 4

Q.18 Which two numbers need to be interchanged to make the following equation correct?

$$8 \times \frac{3}{4} + 5 - 9 = 10$$

- Ans
- 1. 4 and 8
 - 2. 3 and 9
 - 3. 5 and 9
 - 4. 3 and 4

Question ID : 4244291443
Status : Answered
Chosen Option : 3

Q.19 Select the number that can replace the question mark (?) in the following series.

1, 4, 3, 9, 5, ?, 7, 25

- Ans
- 1. 12
 - 2. 18
 - 3. 14
 - 4. 16

Question ID : 4244291447
Status : Answered
Chosen Option : 4

Q.20 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 singers are honest.
- 2. Some players are singers.

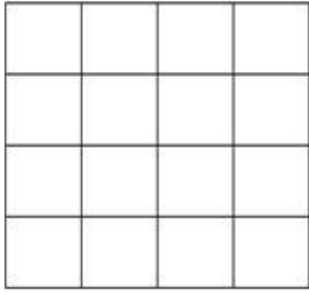
Conclusions:

- I. All players are honest.
- II. Some players are honest.

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

Question ID : 4244291459
Status : Answered
Chosen Option : 1

Q.21 Find the number of squares in the following figure.



- Ans
- 1. 30
 - 2. 28
 - 3. 24
 - 4. 32

Question ID : 4244291462
Status : Answered
Chosen Option : 1

Q.22 After three years, the total age of a mother and son will be 50. The mother's age was 30 before three years. What is her son's present age?

- Ans
- 1. 6 years
 - 2. 12 years
 - 3. 8 years
 - 4. 11 years

Question ID : 4244291442
Status : Answered
Chosen Option : 4

Q.23 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

FAt

Ans

✗ 1.

ƎVf

✓ 2.

tA7

✗ 3.

tA7

✗ 4.

tAF

Question ID : 4244291465
Status : Answered
Chosen Option : 2

Q.24 Complete the following series by replacing the question mark (?) in the given series.

AA, BD, GK, ?

Ans

✗ 1. OU

✓ 2. PV

✗ 3. PU

✗ 4. OV

Question ID : 4244291449
Status : Answered
Chosen Option : 2

Q.25 Identify the number that does NOT belong to the following series.

2, 4, 8, 14, 20, 32

- Ans
- 1. 32
 - 2. 14
 - 3. 8
 - 4. 20

Question ID : 4244291448
Status : Answered
Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

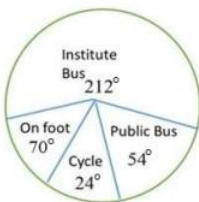
Q.1 If $x = 3 + 2\sqrt{2}$, then the value of $\sqrt{x} - \frac{1}{\sqrt{x}}$ is:

- Ans
- 1. 2
 - 2. 1
 - 3. 0
 - 4. 3

Question ID : 4244291481
Status : Answered
Chosen Option : 3

Q.2 Study the pie-chart and answer the question.

In an institute, there are 900 students who use different modes of transport for to and from travel. The given pie diagram represents the requisite data.



The number of students who do NOT use the institute bus is:

- Ans
- 1. 420
 - 2. 370
 - 3. 360
 - 4. 350

Question ID : 4244291488
Status : Answered
Chosen Option : 2

Q.3 The divisor is 24 times the quotient and 8 times the remainder. If the quotient is 18, then the dividend is:

- Ans
- ✓ 1. 7830
 - ✗ 2. 7630
 - ✗ 3. 7840
 - ✗ 4. 7450

Question ID : 4244291483
Status : Not Answered
Chosen Option : --

Q.4 If $\cos 27^\circ = x$, then the value of $\tan 63^\circ$ is:

- Ans
- ✗ 1. $\frac{\sqrt{1+x^2}}{x}$
 - ✗ 2. $\frac{x}{\sqrt{1+x^2}}$
 - ✗ 3. $\frac{\sqrt{1-x^2}}{x}$
 - ✓ 4. $\frac{x}{\sqrt{1-x^2}}$

Question ID : 4244291485
Status : Answered
Chosen Option : 3

Q.5 If the diagonal of a cube is $\sqrt{27}$ cm, then its volume is:

- Ans
- ✓ 1. 27 cm^3
 - ✗ 2. 32 cm^3
 - ✗ 3. 30 cm^3
 - ✗ 4. 25 cm^3

Question ID : 4244291469
Status : Answered
Chosen Option : 1

Q.6 The profit made by selling an article for ₹13,400 is equal to the amount of loss incurred on selling the same article at ₹11,600. What will be the profit (in ₹) if it is sold for ₹14,750?

- Ans
- ✗ 1. 2,000
 - ✗ 2. 2,520
 - ✗ 3. 2,500
 - ✓ 4. 2,250

Question ID : 4244291473
Status : Answered

Q.7 If $a = \frac{2+\sqrt{3}}{2-\sqrt{3}}$ and $b = \frac{2-\sqrt{3}}{2+\sqrt{3}}$, then the value of $a^2 + b^2 + ab$ is:

- Ans
- ✓ 1. 195
 - ✗ 2. 185
 - ✗ 3. 196
 - ✗ 4. 186

Question ID : 4244291482
Status : Answered
Chosen Option : 1

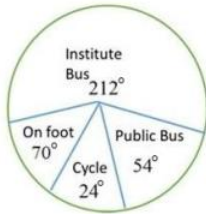
Q.8 The ages of Fatima and Ahmed are in the ratio 3 : 8. The sum of their present ages is 44 years. The difference of their ages is:

- Ans
- ✗ 1. 30 years
 - ✗ 2. 11 years
 - ✗ 3. 24 years
 - ✓ 4. 20 years

Question ID : 4244291474
Status : Answered
Chosen Option : 4

Q.9 Study the pie-chart and answer the question.

In an institute, there are 900 students who use different modes of transport for to and from travel. The given pie diagram represents the requisite data.



The number of students who travel on foot is:

- Ans
- ✓ 1. 175
 - ✗ 2. 150
 - ✗ 3. 225
 - ✗ 4. 180

Question ID : 4244291489
Status : Answered
Chosen Option : 1

Q.10 If x, y are acute angles, where $0 < x + y < 90^\circ$ and $\sin(3x - 40^\circ) = \cos(3y + 40^\circ)$, then the value of $\tan(x + y)$ is equal to:

Ans

1. $\frac{1}{\sqrt{2}}$

2. $\frac{1}{\sqrt{3}}$

3. $\sqrt{3}$

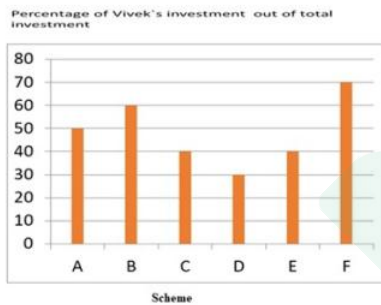
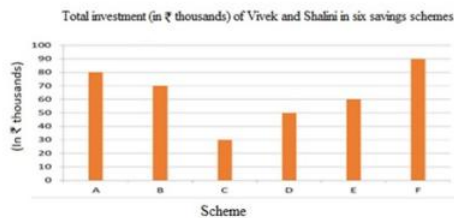
4. $\frac{1}{3}$

Question ID : 4244291487

Status : Answered

Chosen Option : 2

Q.11 Study the following graph and answer the question given below.



What is the ratio of the total amount invested by Vivek in schemes A and C together to the total amount invested by Shalini in schemes A and C together?

Ans

1. 23 : 25

2. 25 : 29

3. 23 : 27

4. 26 : 29

Question ID : 4244291491

Status : Not Answered

Chosen Option : --

Q.12

If $a + b + c = 0$, then $\left(\frac{2a^2}{3bc} + \frac{2b^2}{3ca} + \frac{2c^2}{3ab}\right)$ is equal to:

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

Question ID : 4244291480

Status : Answered

Chosen Option : 4

Q.13 Two tangents PA and PB are drawn from an external point P to a circle with centre O at the points A and B respectively on it, such that $\angle APB = 120^\circ$ and $AP = 12.5$ cm. The length of OP is:

- Ans
- 1. 24 cm
 - 2. 25 cm
 - 3. 26 cm
 - 4. 20 cm

Question ID : 4244291476

Status : Answered

Chosen Option : 2

Q.14 What sum of money at compound interest will amount to ₹4,630.08 in three years if the rate of interest is 4% for the first year, 5% for the second year and 6% for the third year?

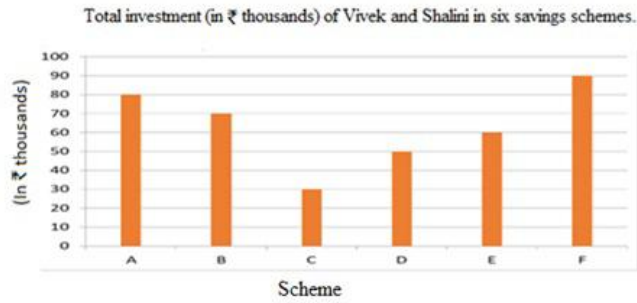
- Ans
- 1. ₹4,500
 - 2. ₹4,800
 - 3. ₹4,000
 - 4. ₹3,500

Question ID : 4244291475

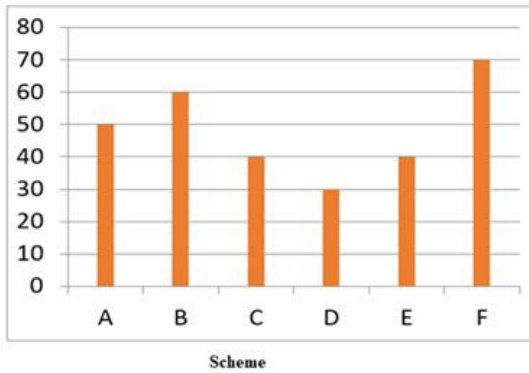
Status : Not Answered

Chosen Option : --

Q.15 Study the following graphs and answer the question given below.



Percentage of Vivek's investment out of total investment



What is the average amount invested by Vivek in savings schemes A, B, C and D?

- Ans
- 1. ₹27,200
 - 2. ₹28,500
 - 3. ₹27,250
 - 4. ₹27,000

Question ID : 4244291490

Status : Not Answered

Chosen Option : --

Q.16 The difference between two positive numbers is equal to 30% of the greater number. If the smaller number is 28, then the sum of both the numbers is:

- Ans
- 1. 72
 - 2. 65
 - 3. 68
 - 4. 64

Question ID : 4244291472

Status : Answered

Chosen Option : 3

Q.17

The value of $3\frac{1}{3} - \left[\frac{9}{4} + \left\{ \frac{5}{4} - \frac{1}{13} \times \left(\frac{5}{2} - \frac{1}{3} \right) \right\} \right]$ is:

- Ans
- 1. 10
 - 2. 0
 - 3. 5
 - 4. 1

Question ID : 4244291484
Status : Not Answered
Chosen Option : --

Q.18 A circle inscribed in a triangle ABC touches its sides AB, BC and AC at the points D, E and F, respectively. If AB = 18 cm, BC = 15 cm and AC = 13 cm, then the value of AD + BE + CF is:

- Ans
- 1. 25 cm
 - 2. 33 cm
 - 3. 23 cm
 - 4. 20 cm

Question ID : 4244291477
Status : Not Answered
Chosen Option : --

Q.19 If $\tan \theta = \frac{2}{\sqrt{11}}$, $0 < \theta < 90^\circ$, then the value of $\frac{2 \operatorname{cosec}^2 \theta - 3 \sec^2 \theta}{3 \operatorname{cosec}^2 \theta + 4 \sec^2 \theta}$ is equal to:

- Ans
- 1. $\frac{11}{45}$
 - 2. $\frac{11}{49}$
 - 3. $\frac{13}{49}$
 - 4. $\frac{10}{49}$

Question ID : 4244291486
Status : Not Answered
Chosen Option : --

Q.20 In an isosceles triangle ABC, $AB = AC$ and AD is perpendicular to BC at D. If $AD = 8$ cm and perimeter of $\triangle ABC$ is 64 cm, then the area of $\triangle ABC$ is:

- Ans
- 1. 130 cm^2
 - 2. 124 cm^2
 - 3. 120 cm^2
 - 4. 125 cm^2

Question ID : 4244291479
Status : Answered
Chosen Option : 3

Q.21 A and B working together can do 45% of the work in 9 days. A alone can do the work in 30 days. How many days will B alone take to do the same work?

- Ans
- 1. 60 days
 - 2. 70 days
 - 3. 48 days
 - 4. 50 days

Question ID : 4244291467
Status : Answered
Chosen Option : 1

Q.22 The average weight of P, Q and R is 62 kg. The weight of R is 12 kg more than P and 9 kg more than Q. What is the average weight of P, Q, R and S if weight of S is 15 kg less than R?

- Ans
- 1. 58 kg
 - 2. 62 kg
 - 3. 64 kg
 - 4. 60 kg

Question ID : 4244291470
Status : Not Answered
Chosen Option : --

Q.23 A car moves a distance of 600 km with uniform speed. The number of hours taken for the journey is $\frac{2}{3}$ of the number representing speed in km/h. The time taken to cover the distance is:

- Ans
- 1. 15 hours
 - 2. 18 hours
 - 3. 24 hours
 - 4. 20 hours

Question ID : 4244291468
Status : Answered
Chosen Option : 1

Q.24 The exterior angle of a triangle is 115° and the corresponding interior opposite angles are in the ratio 2 : 3. The measure of greatest angle of the triangle is:

- Ans
- 1. 70°
 - 2. 65°
 - 3. 69°
 - 4. 79°

Question ID : 4244291478
Status : Answered
Chosen Option : 3

Q.25 The difference between the selling prices obtained after a single discount of 45% and two successive discounts of 30% and 15% on the marked price ₹12,000 of an article is:

- Ans
- 1. ₹440
 - 2. ₹560
 - 3. ₹520
 - 4. ₹540

Question ID : 4244291471
Status : Not Answered
Chosen Option : --

Section : General Awareness

Q.1 Who has created LISP, the Programming Language for Artificial Intelligence?

- Ans
- 1. Grace Hopper
 - 2. John McCarthy
 - 3. Charles Bachman
 - 4. Leslie Lamport

Question ID : 4244291492
Status : Not Answered
Chosen Option : --

Q.2 Who is the first Indian male cricketer to play 100 matches of T-20 format?

- Ans
- 1. Yuzvendra Chahal
 - 2. K. L. Rahul
 - 3. Rohit Sharma
 - 4. Virat Kohli

Question ID : 4244291515
Status : Answered
Chosen Option : 3

Q.3 In which year were the first modern Summer Olympic games held?

- Ans
- 1. 1897
 - 2. 1898
 - 3. 1896
 - 4. 1894

Question ID : 4244291516
Status : Answered
Chosen Option : 3

Q.4 Which of the following is NOT a metamorphic rock?

- Ans
- 1. Marble
 - 2. Sandstone
 - 3. Quartzite
 - 4. Diamond

Question ID : 4244291504
Status : Answered
Chosen Option : 2

Q.5 Who is the Minister of Youth Affairs and Sports as of February 2020?

- Ans
- 1. Kiren Rijju
 - 2. Anup Sridhar
 - 3. Radheshyam Julaniya
 - 4. M S Gill

Question ID : 4244291514
Status : Answered
Chosen Option : 1

Q.6 Who is the current (23rd) Chief Election Commissioner of India?

- Ans
- 1. Kalyan Sundaram
 - 2. Ashok Lavasa
 - 3. Sushil Chandra
 - 4. Sunil Arora

Question ID : 4244291513
Status : Answered
Chosen Option : 4

Q.7 Which article of the Indian Constitution prohibits trafficking in human beings and forced labour?

- Ans
- 1. Article 25
 - 2. Article 23
 - 3. Article 13
 - 4. Article 5

Question ID : 4244291512
Status : Answered
Chosen Option : 2

Q.8 All parallel circles from the Equator to the poles are known as_____

- Ans
- 1. Parallels of Latitude
 - 2. Arctic Circle
 - 3. Tropic of Cancer
 - 4. Antarctic Circle

Question ID : 4244291507
Status : Answered
Chosen Option : 3

Q.9 Which among the following is a western coast island?

- Ans
- 1. Pamban
 - 2. Elephanta
 - 3. Parikud
 - 4. Sriharikota

Question ID : 4244291506
Status : Answered
Chosen Option : 1

Q.10 Who was the winner of the Dadasaheb Phalke Award which was presented in 2019?

- Ans
- 1. Manoj Kumar
 - 2. Shashi Kapoor
 - 3. Vinod Khanna
 - 4. Amitabh Bachchan

Question ID : 4244291511
Status : Answered
Chosen Option : 4

Q.11 Which of the following is a dance form of Meghalaya?

- Ans 1. Laho
 2. Cheraw
 3. Dalkhai
 4. Rangma

Question ID : 4244291494
Status : Answered
Chosen Option : 2

Q.12 Where is the Baglihar Dam located?

- Ans 1. Gujarat
 2. Himachal Pradesh
 3. Jammu & Kashmir
 4. Telangana

Question ID : 4244291505
Status : Answered
Chosen Option : 3

Q.13 Which of the following is the allotropic form of carbon?

- Ans 1. Coal
 2. Graphite
 3. Charcoal
 4. Lamp black

Question ID : 4244291503
Status : Answered
Chosen Option : 2

Q.14 What is the Rigvedic name of the river Ravi?

- Ans 1. Vitasa
 2. Asikini
 3. Shutudri
 4. Parushni

Question ID : 4244291508
Status : Answered
Chosen Option : 4

Q.15 Who is the Miss Universe crown winner for the year 2019?

- Ans
- 1. Catriona Gray
 - 2. Sofia Aragon
 - 3. Zozibini Tunzi
 - 4. Madison Anderson

Question ID : 4244291510
Status : Answered
Chosen Option : 3

Q.16 Who won the Women US Open title of 2019?

- Ans
- 1. Bianca Andreescu
 - 2. Caroline Wozniacki
 - 3. Ashleigh Barty
 - 4. Sloane Stephens

Question ID : 4244291496
Status : Answered
Chosen Option : 1

Q.17 What was the name of the oldest female black rhino which died in 2019?

- Ans
- 1. Fausta
 - 2. Anes
 - 3. Suidae
 - 4. Canidae

Question ID : 4244291498
Status : Not Answered
Chosen Option : --

Q.18 Hydrochloric acid is secreted in which part of our digestive system?

- Ans
- 1. Mouth
 - 2. Stomach
 - 3. Liver
 - 4. Small intestine

Question ID : 4244291502
Status : Answered
Chosen Option : 2

Q.19 At which place was the Saffron Mission initiated in 2010?

- Ans
- 1. Andhra Pradesh
 - 2. Karnataka
 - 3. Jammu and Kashmir
 - 4. Haryana

Question ID : 4244291499
Status : Answered
Chosen Option : 3

Q.20 Who was the Mughal Emperor at the time of Battle of Plassey?

- Ans
- 1. Alamgir II
 - 2. Siraj- Ud- Daulah
 - 3. Mir Quasim
 - 4. Shah Alam II

Question ID : 4244291509
Status : Answered
Chosen Option : 2

Q.21 'Kalamezhuthu' is a ritual art form found in:

- Ans
- 1. Maharashtra
 - 2. Kerala
 - 3. Karnataka
 - 4. Tamil Nadu

Question ID : 4244291495
Status : Answered
Chosen Option : 4

Q.22 When was the National Stock Exchange of India established?

- Ans
- 1. 1991
 - 2. 1994
 - 3. 1993
 - 4. 1992

Question ID : 4244291500
Status : Answered
Chosen Option : 3

Q.23 A computer on the Internet that uses HTTP protocol is known as:

- Ans
- 1. LAN
 - 2. Web Server
 - 3. WAP
 - 4. WLAN

Question ID : 4244291493
Status : Answered
Chosen Option : 2

Q.24 Who has created a record for longest single spaceflight in 2019?

- Ans
- 1. Nick Hague
 - 2. Anne Mc Clam
 - 3. Jessica Meir
 - 4. Christina Koch

Question ID : 4244291497
Status : Answered
Chosen Option : 1

Q.25 Which is the rarest element?

- Ans
- 1. Astatine
 - 2. Radon
 - 3. Uranium
 - 4. Lithium

Question ID : 4244291501
Status : Answered
Chosen Option : 1



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