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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	21/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : **English Language (Basic Knowledge)**

Q.1 **Select the word which means the same as the group of words given:**

Satisfied, with no desire to change or improve

Ans ✘ 1. Beneficent

✘ 2. Innocent

✔ 3. Complacent

✘ 4. Adolescent

Question ID : **8161613161**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the most appropriate meaning of the given idiom:**

Sleep on it

Ans ✘ 1. To make a decision immediately

✘ 2. To make a wrong decision

✘ 3. To prefer to sleep than take action

✔ 4. To wait before making a decision

Question ID : **8161613158**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate synonym of the given word:**

Fraudulent

Ans ✘ 1. Repellent

✘ 2. Prevalent

✔ 3. Deceitful

✘ 4. Genuine

Question ID : **8161613163**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Select the most appropriate word(s) to fill in the blank:

My family is my priority but there were times when I had to _____ because of work pressures.

Ans ✗ 1. look into

✗ 2. sit in

✓ 3. pull away

✗ 4. put off

Question ID : **8161613165**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

One day Willy stumbled upon a novel in a (1)_____ bookshop-a Perry Mason book written by Erle Stanley Gardner. He (2)_____ the book simply because the title of the book cover looked (3)_____. Although it was an unabridged book Willy was able (4)_____ it with sufficient comprehension. This was partly because the novel contained (5)_____ written in simple, conversational language.

SubQuestion No : 5

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

Ans ✓ 1. local

✗ 2. location

✗ 3. localize

✗ 4. locals

Question ID : **8161613146**
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.

One day Willy stumbled upon a novel in a (1)_____ bookshop-a Perry Mason book written by Erle Stanley Gardner. He (2)_____ the book simply because the title of the book cover looked (3)_____. Although it was an unabridged book Willy was able (4)_____ it with sufficient comprehension. This was partly because the novel contained (5)_____ written in simple, conversational language.

SubQuestion No : 6

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

Ans ✗ 1. picked in

✓ 2. picked up

✗ 3. picked on

✗ 4. picked at

Question ID : **8161613147**
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.

One day Willy stumbled upon a novel in a (1)_____ bookshop-a Perry Mason book written by Erle Stanley Gardner. He (2)_____ the book simply because the title of the book cover looked (3)_____. Although it was an unabridged book Willy was able (4)_____ it with sufficient comprehension. This was partly because the novel contained (5)_____ written in simple, conversational language.

SubQuestion No : 7

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

Ans ✗ 1. attraction

✗ 2. attract

✔ 3. attractive

✗ 4. attracted

Question ID : **8161613148**
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.

One day Willy stumbled upon a novel in a (1)_____ bookshop-a Perry Mason book written by Erle Stanley Gardner. He (2)_____ the book simply because the title of the book cover looked (3)_____. Although it was an unabridged book Willy was able (4)_____ it with sufficient comprehension. This was partly because the novel contained (5)_____ written in simple, conversational language.

SubQuestion No : 8

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

Ans ✔ 1. to read

✗ 2. read

✗ 3. to reading

✗ 4. reading

Question ID : **8161613149**
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.

One day Willy stumbled upon a novel in a (1)_____ bookshop-a Perry Mason book written by Erle Stanley Gardner. He (2)_____ the book simply because the title of the book cover looked (3)_____. Although it was an unabridged book Willy was able (4)_____ it with sufficient comprehension. This was partly because the novel contained (5)_____ written in simple, conversational language.

SubQuestion No : 9

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

Ans ✗ 1. prologue

✗ 2. epilogue

✗ 3. monologues

✔ 4. dialogues

Question ID : **8161613150**
Status : **Answered**
Chosen Option : **4**

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.**

The film by itself was good but the bit long than I had expected.

Ans ✗ 1. the bit longer

✗ 2. No Improvement

✗ 3. a bit long

✔ 4. a bit longer

Question ID : **8161613154**
Status : **Answered**
Chosen Option : **4**

Q.11 **Given below are four jumbled sentences. Pick the option that gives their correct order.**

A. It is played by turning around while reciting a rhyme.
B. The circling motion is like that of a Sufi dervish.
C. Fahim Irshad has made a film called 'Aani Maani'.
D. The movie title is based on a game popular among little children in Uttar Pradesh.

Ans ✔ 1. CDAB

✗ 2. BDCA

✗ 3. ACDB

✗ 4. CBAD

Question ID : **8161613152**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate antonym of the given word:

BUOYANT

Ans   ✗ 1. Cheerful

      ✗ 2. Neutral

      ✔ 3. Gloomy

      ✗ 4. Bouncy

Question ID : **8161613155**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the correct Indirect form of the given sentence.

"It is a fact that kids model parental behaviour," said the researcher.

Ans   ✔ 1. The researcher said that it is a fact that kids model parental behaviour.

      ✗ 2. The researcher has said that it is a fact that kids have modeled parental behaviour.

      ✗ 3. The researcher has been saying that kids model parental behaviour.

      ✗ 4. The researcher says that it is a fact that kids model parental behaviour.

Question ID : **8161613142**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the wrongly spelt word.

Ans   ✔ 1. Deterent

      ✗ 2. Irreverent

      ✗ 3. Different

      ✗ 4. Transparent

Question ID : **8161613160**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the word which means the same as the group of words given:

To make perfect or complete

Ans   ✔ 1. Complement

      ✗ 2. Attainment

      ✗ 3. Impediment

      ✗ 4. Deportment

Question ID : **8161613162**
Status : **Answered**
Chosen Option : **3**

Q.16 In the sentence identify the segment which contains the grammatical error.

People with full time sedentary jobs who commuting long distances, may have sleep problems due to lack of exercise.

Ans   ✗ 1. due to lack of exercise

      ✗ 2. may have sleep problems

      ✗ 3. People with full time sedentary jobs

      ✓ 4. who commuting long distances

Question ID : **8161613144**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the most appropriate synonym of the given word:

Indomitable

Ans   ✗ 1. Justifiable

      ✗ 2. Changeable

      ✗ 3. Accessible

      ✓ 4. Invincible

Question ID : **8161613164**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the most appropriate meaning of the given idiom:

Keep your shirt on

Ans   ✗ 1. To keep busy

      ✓ 2. To remain cool

      ✗ 3. To work hard

      ✗ 4. To celebrate

Question ID : **8161613157**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the most appropriate antonym of the given word:

CAUSTIC

Ans   ✗ 1. Scary

      ✓ 2. Kind

      ✗ 3. Sarcastic

      ✗ 4. Bitter

Question ID : **8161613156**
Status : **Answered**
Chosen Option : **3**

Q.20 Given below are four jumbled sentences. Pick the option that gives their correct order.

A. Since then, Pathak has performed in several plays and films.
B. While studying there, he saw 'Equus,' a play that changed his life forever.
C. Vinay Pathak was pursuing MBA in New York.
D. He decided to change tracks and study drama.

Ans ✔ 1. CBDA

✘ 2. BACD

✘ 3. DCAB

✘ 4. CADB

Question ID : **8161613151**
Status : **Answered**
Chosen Option : **1**

Q.21 In the sentence identify the segment which contains the grammatical error.

According to a recent study, drinking green tea thrice a week is associated with a longest and healthy life.

Ans ✘ 1. drinking green tea thrice a week

✔ 2. a longest and healthy life

✘ 3. is associated with

✘ 4. According to a recent study

Question ID : **8161613143**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the wrongly spelt word.

Ans ✔ 1. Circueteous

✘ 2. Delicious

✘ 3. Momentous

✘ 4. Courteous

Question ID : **8161613159**
Status : **Answered**
Chosen Option : **1**

Q.23 Select the most appropriate word to fill in the blank.

Shivangini, the 12 year old archer who _____ an injury has been successfully operated by a team of doctors at A.I.I.M.S.

Ans ✔ 1. sustained

✘ 2. ordained

✘ 3. maintained

✘ 4. pertained

Question ID : **8161613166**
Status : **Answered**
Chosen Option : **4**

Q.24 **Select the correct passive form of the given sentence.**

Dr. Verma advised patients to try out a new medicine for migraine.

Ans   ✗ 1. The patients were being advised to try out a new medicine for migraine by Dr. Verma.

    ✗ 2. The old patients had been advised to try out a new medicine for migraine by Dr. Verma.

    ✔ 3. Patients were advised to try out a new medicine for migraine by Dr. Verma.

    ✗ 4. Patients have been advised to try out a new medicine for migraine by Dr. Verma.

Question ID : **8161613141**
Status : **Answered**
Chosen Option : **3**

Q.25 **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.**

I like the place <u>which</u> I live but it would be wonderful to live in the mountains.

Ans   ✗ 1. who

    ✗ 2. when

    ✔ 3. where

    ✗ 4. No Improvement

Question ID : **8161613153**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans   ✗ 1. EIMQ

    ✗ 2. CGKO

    ✔ 3. DHLN

    ✗ 4. BFJN

Question ID : **8161613182**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the option that is related to the third number in the same way as the second number is related to the first number.

6 : 252 : : 5 : ?

Ans   ✔ 1. 150

    ✗ 2. 125

    ✗ 3. 25

    ✗ 4. 100

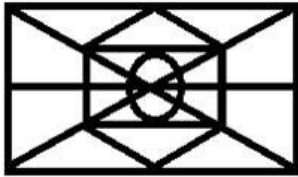Question ID : **8161613169**
Status : **Answered**

Q.3 Select the term that can replace the question mark (?) in the following series.

BK, FJ, JI, NH, ?, VF

Ans ✗ 1. SE

✗ 2. SG

✔ 3. RG

✗ 4. RE

Q.4 Select the option that is embedded in the given figure. (Rotation is not allowed)

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.5 Find the number of rectangles in the given figure.

Ans
  ✗ 1. 3
  ✗ 2. 6
  ✗ 3. 4
  ✔ 4. 5
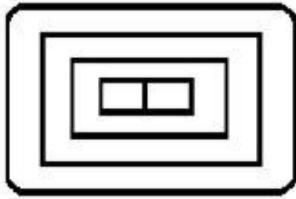
Q.6 Select the option that will fill in the blank and complete the given series.

Ans

  ✗ 1.

  ✗ 2.

  ✗ 3.
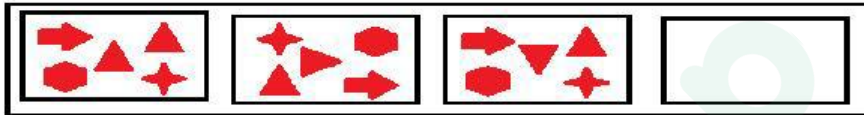
  ✔ 4.

Q.7 Select the number that will come next in the following series.

386, 401, 417, 434, ?

Ans
  ✗ 1. 552
  ✗ 2. 351
  ✗ 3. 451
  ✓ 4. 452

Question ID : **8161613172**
Status : **Answered**
Chosen Option : **4**

Q.8 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

2	10	18
3	30	84
4	68	?

Ans
  ✗ 1. 264
  ✗ 2. 256
  ✓ 3. 260
  ✗ 4. 512

Question ID : **8161613170**
Status : **Not Answered**
Chosen Option : **--**

Q.9 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:

I. All keyboards are mouse.

II. Some mouse are printer.

Conclusions:

1. No printer is keyboard.

2. Some printers are mouse.

3. All printers are mouse.

4. No keyboards are printer.

Ans
  ✗ 1. Only conclusion 1 follows

  ✗ 2. Only conclusion 3 follows

 ✓ 3. Only conclusion 2 follows

  ✗ 4. Only conclusion 4 follows

Question ID : **8161613184**
Status : **Answered**
Chosen Option : **3**

Q.10 Jay is husband of Geetanjali who is sister of Deepali. Deepali is daughter of Vijay. Sarita is mother-in-law of Rohit. Harish chander is father of Jay and Sarita is wife of Vijay. Vijay and Sarita have only two daughters. How is Rohit related to Vijay?

Ans
✘ 1. Son
✘ 2. Father
✘ 3. Brother
✔ 4. Son-in-law

Question ID : **8161613180**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.

Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.
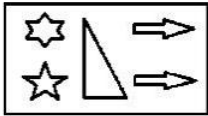
Question ID : **8161613190**
Status : **Answered**
Chosen Option : **3**

Q.12 Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the one having 'f'.

Ans
✔ 1. a
✘ 2. d
✘ 3. g
✘ 4. h

Question ID : **8161613185**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the term that will come next in the following series.

EB, HC, KD, NE, QF, ?

Ans
✘ 1. SG
✔ 2. TG
✘ 3. UH
✘ 4. VH

Question ID : **8161613177**
Status : **Answered**
Chosen Option : **2**

Q.14 उस सही विकल्प का चयन करें जो निम्नलिखित शब्दों को एक तार्किक और अर्थपूर्ण क्रम में व्यवस्थित करता है।

1. गेहूँ का पौधा
2. रोटी
3. बीज
4. आटा

Ans
✘ 1. 1, 2, 4, 3
✘ 2. 1, 3, 4, 2
✘ 3. 2, 1, 3, 4
✔ 4. 3, 1, 4, 2

Question ID : **8161613174**
Status : **Answered**
Chosen Option : **4**

Q.15 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
  ✗ 1. 182 : 13
  ✗ 2. 156 : 12
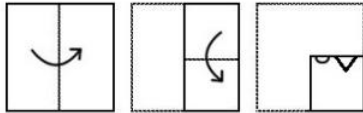 ✓ 3. 309 : 17
  ✗ 4. 132 : 11

Q.16 Select the option that is related to the third term in the same way as the second term is related to the first term.

Shoe : Leather : : Paper : ?

Ans
  ✗ 1. Book
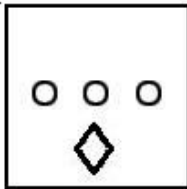 ✓ 2. Wood
  ✗ 3. Printer
  ✗ 4. Plastic

Q.17 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?
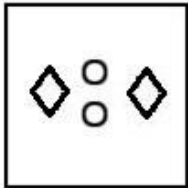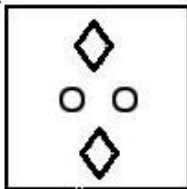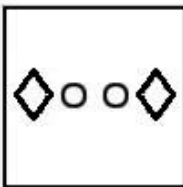

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : 8161613189
Status : **Answered**
Chosen Option : **2**

Q.18 Select the number that can replace the question mark (?) in the following series.

0, 2, 10, 30, ?, 130, 222

Ans ✔ 1. 68
✗ 2. 72
✗ 3. 60
✗ 4. 64

Question ID : 8161613176
Status : **Answered**
Chosen Option : **2**

Q.19 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
   ✗ 1. Radish
   ✗ 2. Potato
   ✔ 3. Peas
   ✗ 4. Carrot

> Question ID : **8161613181**
> Status : **Answered**
> Chosen Option : **3**

Q.20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

9, 12, 48

17, 20, 80

33, 36, ?

Ans
   ✗ 1. 118
   ✔ 2. 144
   ✗ 3. 110
   ✗ 4. 120

> Question ID : **8161613171**
> Status : **Answered**
> Chosen Option : **2**

Q.21 Which two signs need to be interchanged to make the following equation correct?

$5 \times 4 + 12 - 3 \div 6 = 18$

Ans
   ✗ 1. + and -
   ✔ 2. ÷ and -
   ✗ 3. ÷ and ×
   ✗ 4. × and +

> Question ID : **8161613168**
> Status : **Answered**
> Chosen Option : **2**

Q.22 Select the letters that can replace the question marks (?) in the following series respectively.
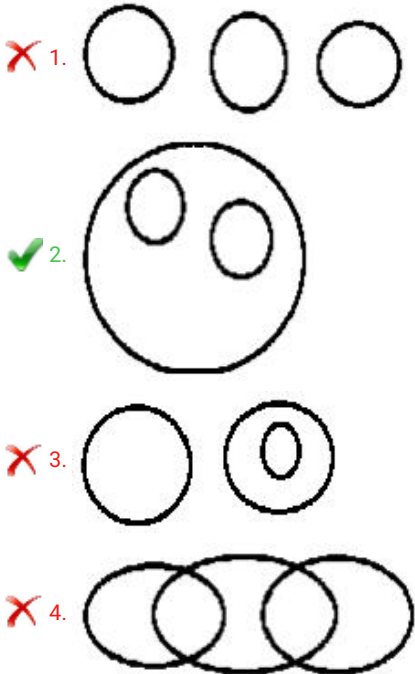
AG, GL, MQ, S?, ?A

Ans
   ✔ 1. V and Y
   ✗ 2. V and Z
   ✗ 3. T and Y
   ✗ 4. U and Y

> Question ID : **8161613179**
> swered

Q.23 Select the Venn diagram that best represents the relationship between the following classes.

Devanagari, Hindi, Sanskrit

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.24 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Kelvin

✗ 2. Celsius

✓ 3. Pascal

✗ 4. Fahrenheit

Q.25 In a company there are 3 departments - IT, HR and Help Desk. In the IT department there are 125 employees and in the HR department the number of employees is 1/5th of IT. The helpdesk department has 20 employees less than total employees in IT and HR together. What is the total number of employees working in all three departments?
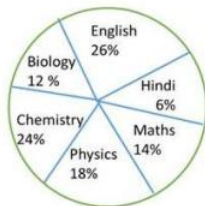
Ans

✗ 1. 150

✗ 2. 170

✓ 3. 280

✗ 4. 180

Section : **Quantitative Aptitud**

Q.1 If $x = \sqrt[3]{5} + 2$, then the value of $x^3 = 6x^2 + 12x - 12$ is equal to:

Ans
- ✗ 1. 0
- ✗ 2. 2
- ✔ 3. 1
- ✗ 4. −1

Q.2 The pie-chart shows percentage-wise distribution of teachers who teach six different subjects. Study the pie chart and answer the question:

Total number of teachers = 1650

What is the total number of teachers teaching English, Maths and Physics?

Ans
- ✗ 1. 857
- ✗ 2. 950
- ✗ 3. 975
- ✔ 4. 957

Q.3 In ∆ABC, ∠ABC = 6 ∠ACB and ∠BAC = 5∠ACB. If AB = 7 cm and AC = 25 cm, then the length of BC is equal to:

Ans
- ✔ 1. 24 cm
- ✗ 2. 32 cm
- ✗ 3. 26 cm
- ✗ 4. 12 cm

Q.4 If 8- digit number 4432A43B is divisible by 9 and 5, then the sum of A and B is equal to:

Ans
  ✗ 1. 12
  ✗ 2. 5
  ✔ 3. 7
  ✗ 4. 8

Question ID : **8161613208**
Status : **Answered**
Chosen Option : **3**

Q.5 A train covers a distance of 12 km in 12 minutes. If its speed is decreased by 5 km/h, then the time taken by it to cover the distance of 22 km will be:

Ans
  ✔ 1. 24 minutes
  ✗ 2. 20 minutes
  ✗ 3. 22 minutes
  ✗ 4. 18 minutes

Question ID : **8161613193**
Status : **Answered**
Chosen Option : **1**

Q.6 If $\dfrac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta} = 3$ and θ is an acute angle, then the value of $\dfrac{3\sin\theta + 4\cos\theta}{8\cos\theta - 3\sin\theta}$ is:

Ans
  ✗ 1. 10
  ✗ 2. $\dfrac{1}{2}$
  ✔ 3. 5
  ✗ 4. 2

Question ID : **8161613211**
Status : **Answered**
Chosen Option : **3**

Q.7 The ratio of the present ages of A and B is 1 : 3. After 10 years, the ratio of their ages will be 2 : 5. Find B's present age.

Ans
  ✗ 1. 70 years
  ✗ 2. 85 years
  ✔ 3. 90 years
  ✗ 4. 80 years

Question ID : **8161613199**
Status : **Answered**
Chosen Option : **3**

Q.8 A can do a work in 15 days and B can do it in 10 days. If they work together for 4 days, then the fraction of the work left is:

Ans

✗ 1. $\dfrac{3}{4}$

✗ 2. $\dfrac{2}{3}$

✔ 3. $\dfrac{1}{3}$

✗ 4. $\dfrac{1}{4}$

Question ID : **8161613192**
Status : **Answered**
Chosen Option : **3**

Q.9 If $x\left(5 - \dfrac{2}{x}\right) = \dfrac{5}{x}$, then the value of $x^2 + \dfrac{1}{x^2}$ is equal to:

Ans

✔ 1. $2\dfrac{4}{25}$

✗ 2. $2\dfrac{1}{25}$

✗ 3. $\dfrac{4}{25}$

✗ 4. $2\dfrac{3}{25}$

Question ID : **8161613206**
Status : **Answered**
Chosen Option : **1**

Q.10 The perimeter of a rectangle is 80 cm and its area is 375 cm^2. What is the difference between the length and the breadth of the rectangle?

Ans

✗ 1. 12 cm

✗ 2. 20 cm

✔ 3. 10 cm

✗ 4. 16 cm

Question ID : **8161613194**
Status : **Answered**
Chosen Option : **3**

Q.11 If $\sin 7x = \cos 11x$, $0° < x < 90°$, then the value of $\tan 9x$ is:

Ans

✗ 1. $\dfrac{\sqrt{3}}{2}$

✔ 2. 1

✗ 3. $\dfrac{1}{\sqrt{3}}$

✗ 4. $\sqrt{3}$

Q.12 AB एक वृत्त का व्यास है। A पर खींची गई एक स्पर्श रेखा पर C एक बिंदु है। यदि AB = 24 cm और AC = 7 cm है, तो BC की लंबाई है:
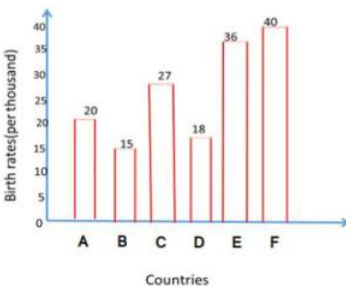
Ans

✗ 1. 50 cm

✗ 2. 15 cm

✔ 3. 25 cm

✗ 4. 26 cm

Q.13 The following bar chart represents the birth rate (per thousand) of six different countries. Study the bar chart and answer the question given below.

The birth rate of Country E is what per cent of the birth rate of Country A?

Ans

✗ 1. 120%

✔ 2. 180%

✗ 3. 150%

✗ 4. 160%

Q.14 The average of A, B and C is 18 and that of C, D and E is 12 and that of E and F is 6.5 and that of E and C is 3.5. What is the average of A, B, C, D, E and F?

Ans

✗ 1. 24

✔ 2. 16

✗ 3. 18

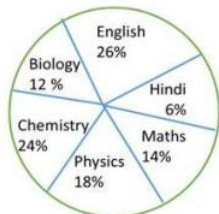✗ 4. 22

Question ID : **8161613195**

Status : **Not Answered**

Chosen Option : **--**

Q.15 If $a^2 + \dfrac{1}{a^2} = 98, \ a > 0$, then the value of $a^3 + \dfrac{1}{a^3}$ will be:

Ans

✗ 1. 960

✗ 2. 950

✔ 3. 970

✗ 4. 870

Question ID : **8161613207**

Status : **Answered**

Chosen Option : **3**

Q.16 The pie-chart shows percentage-wise distribution of teachers who teach six different subjects. Study the pie chart and answer the question.

Total number of teachers = 1650

What is the difference between the total number of teachers who teach Physics and Maths and the total number of teachers who teach chemistry and biology?

Ans

✗ 1. 60

✗ 2. 76

✔ 3. 66

✗ 4. 68

Question ID : **8161613216**

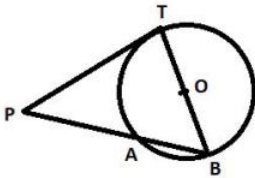Status : **Answered**

Chosen Option : **3**

Q.17 When an article is sold for ₹720, there is a profit of $x\%$. When the same article is sold for ₹750, profit is $(x+5)\%$.

What is the value of is the value of x ?

Ans
- ✔ 1. 20
- ✘ 2. 18
- ✘ 3. 25
- ✘ 4. 15

Question ID : **8161613198**
Status : **Answered**
Chosen Option : **1**

Q.18 In the given figure, TB is a chord which passes through the centre of the circle. PT is a tangent to the circle at the point T on the circle. If PT = 10 cm, PA = 5 cm and AB = x cm, then the radius of the circle is:

Ans
- ✔ 1. $5\sqrt{3}$ cm
- ✘ 2. $6\sqrt{5}$ cm
- ✘ 3. $3\sqrt{5}$ cm
- ✘ 4. $10\sqrt{3}$ cm

Question ID : **8161613202**
Status : **Answered**
Chosen Option : **1**

Q.19 ΔABC is an isosceles triangle with AB = AC = 13 cm. AD is the median on BC from A such that AD = 12 cm. The length of BC is equal to:

Ans
- ✘ 1. 5 cm
- ✘ 2. 7.5 cm
- ✔ 3. 10 cm
- ✘ 4. 6 cm

Question ID : **8161613203**
Status : **Answered**
Chosen Option : **3**

Q.20 If $\dfrac{\cos A}{\csc A + 1} + \dfrac{\cos A}{\csc A - 1} = 2, 0° \leq A \leq 90°$, then A is equal to:

Ans ✗ 1. 60°

✔ 2. 45°

✗ 3. 90°

✗ 4. 30°

Q.21 A discount of 30% on the marked price of a book enables Arun to get a pen worth ₹ 60 free. How much did Arun pay for the book?

Ans ✔ 1. ₹140

✗ 2. ₹160

✗ 3. ₹150

✗ 4. ₹130

Q.22

The value of $\dfrac{\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5}}{\frac{1}{5} \div \frac{1}{5} \text{ of } \frac{1}{5}} - 4\frac{1}{5} \div 105$ is:

Ans ✔ 1. 0

✗ 2. 2

✗ 3. 10

✗ 4. 5

Q.23 A sum of money amounts to ₹7,500 in 5 years, and to ₹8,500 in 7 years at simple interest at the same rate of interest. The rate of interest per annum is:

Ans ✗ 1. 12%

✗ 2. 9%

✗ 3. 8%

✔ 4. 10%

Q.24 Bala decided to donate 10% of his salary to PM Care fund. On the day of donation, he changed his mind and donated ₹1,800 which was 60% of what he had decided earlier. How much is his salary?

Ans
✗ 1. ₹36,000

✗ 2. ₹32,000

✔ 3. ₹30,000

✗ 4. ₹40,000

Question ID : **8161613197**
Status : **Answered**
Chosen Option : **3**

Q.25 The following bar chart represents the birth rate (per thousand) of six different countries. Study the bar chart and answer the question given below.
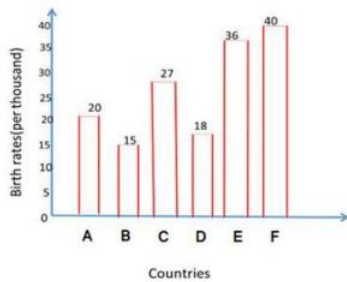
The birth rate of which country is exactly 50% more than that of Country D?

Ans
✗ 1. Country F

✔ 2. Country C

✗ 3. Country A

✗ 4. Country E

Question ID : **8161613213**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which Indian Institute of Technology launched the country's first indigenously designed standing wheelchair in collaboration with Phoenix Medical Systems?

Ans
✗ 1. IIT Kharagpur

✗ 2. IIT Delhi

✗ 3. IIT Bombay

✔ 4. IIT Madras

Question ID : **8161613223**
Status : **Answered**
Chosen Option : **4**

Q.2 The 'Loor dance' is a traditional folk dance, performed only by women, in the state of:

Ans   ✔️ 1. Haryana

    ❌ 2. Madhya Pradesh

    ❌ 3. Punjab

    ❌ 4. Rajasthan

> Question ID : **8161613220**
> Status : **Answered**
> Chosen Option : **4**

Q.3 What does HLL stand for in computing?

Ans   ❌ 1. High Low Language

    ❌ 2. Hyper Level Language

    ❌ 3. High Level List

    ✔️ 4. High Level Language

> Question ID : **8161613217**
> Status : **Answered**
> Chosen Option : **4**

Q.4 In which of the following cities was the 4th edition of the India International Cherry Blossom Festival 2019 organised in November 2019?

Ans   ✔️ 1. Shillong

    ❌ 2. Dharamshala

    ❌ 3. Darjeeling

    ❌ 4. Imphal

> Question ID : **8161613219**
> Status : **Answered**
> Chosen Option : **2**

Q.5 Who among the following was honoured with the prestigious 27th Ekalabya Puraskar for the year 2019?

Ans   ✔️ 1. Jhilli Dalabehera

    ❌ 2. Sneha Soren

    ❌ 3. Saraswati Rout

    ❌ 4. Purnima Hembram

> Question ID : **8161613241**
> Status : **Not Answered**
> Chosen Option : **--**

Q.6 Lines joining places located at equal travel time from a common centre are called:

Ans ❌ 1. isohalines

✅ 2. isochrones

❌ 3. isonomal

❌ 4. isobronts

Question ID : **8161613232**
Status : **Answered**
Chosen Option : **1**

Q.7 Maps showing natural feature of the earth such as mountains, plateaus, rivers, plains, oceans, etc. are known as _____.

Ans ✅ 1. Relief Map

❌ 2. Topographic Map

❌ 3. Political map

❌ 4. Thematic Map

Question ID : **8161613229**
Status : **Answered**
Chosen Option : **2**

Q.8 Which state secured the top rank in the Swachh Survekshan Grameen Awards, 2019?

Ans ✅ 1. Tamil Nadu

❌ 2. Uttar Pradesh

❌ 3. Sikkim

❌ 4. Madhya Pradesh

Question ID : **8161613221**
Status : **Answered**
Chosen Option : **4**

Q.9 Who among the following cricketers has become the youngest Indian cricketer to score a half-century in international cricket?

Ans ❌ 1. Virat Kohli

❌ 2. Amita Sharma

✅ 3. Shafali Verma

❌ 4. Hardik Pandya

Question ID : **8161613240**
Status : **Answered**
Chosen Option : **2**

Q.10 Who was conferred with the Italian Golden Sand Art Award, 2019?

Ans
✗ 1. Sarvam Patel

✗ 2. Vinay Shetty

✗ 3. Nitish Bharti

✓ 4. Sudarsan Pattnaik

Question ID : **8161613235**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which India-born businessperson occupied the top spot in Fortune's Businessperson of the Year 2019 list?

Ans
✗ 1. Indra Nooyi

✓ 2. Satya Nadella

✗ 3. Sundar Pichai

✗ 4. Chanda Kochhar

Question ID : **8161613224**
Status : **Answered**
Chosen Option : **2**

Q.12 National Highway 18 does NOT pass through which of the following states?

Ans
✓ 1. Bihar

✗ 2. West Bengal

✗ 3. Odisha

✗ 4. Jharkhand

Question ID : **8161613231**
Status : **Not Answered**
Chosen Option : **--**

Q.13 On 14 January 2020, with which Indian bank did the South-Central Railways sign an MoU to implement door-step banking at 585 railway stations?

Ans
✗ 1. Punjab National Bank

✗ 2. HDFC

✗ 3. Syndicate Bank

✓ 4. State Bank of India

Question ID : **8161613225**
Status : **Not Answered**
Chosen Option : **--**

Q.14 निम्नलिखित में से कौन सा एक तारामंडल नहीं है?

Ans ✅ 1. रोमन गृह-देवी (Vesta)

❌ 2. सप्तर्षिमंडल (Ursa Major)

❌ 3. जलव्याल (Hydra)

❌ 4. कन्या (Virgo)

Question ID : **8161613230**
Status : **Answered**
Chosen Option : **3**

Q.15 Who among the following was conferred with the 28th Bihari Puraskar for 2018 for the novel 'Swapnapash', in November 2019?

Ans ❌ 1. Usha Kiran Khan

❌ 2. Prabhat Ranjan

❌ 3. Suresh Krishna

✅ 4. Manisha Kulshreshtha

Question ID : **8161613236**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Who among the following was one of the founders of the Congress Socialist Party?

Ans ❌ 1. C Natarajan Annadurai

❌ 2. SK Patil

❌ 3. Atulya Ghosh

✅ 4. Ram Manohar Lohia

Question ID : **8161613238**
Status : **Answered**
Chosen Option : **2**

Q.17 Who among the following did Babur defeat in the year 1528 at Chanderi?

Ans ❌ 1. Muhammad Lodhi

❌ 2. Ibrahim Lodi

❌ 3. Bappa Rawal

✅ 4. Medini Rai

Question ID : **8161613233**
Status : **Answered**
Chosen Option : **4**

Q.18 Which wrestler claimed the second silver medal for India after going down to Japan's Haruna Okuno in the finals of UWW Under-23 World Championships at Budapest in 2019?

Ans   ✗ 1. Sakshi Malik

     ✔ 2. Pooja Gehlot

     ✗ 3. Kavita Devi

     ✗ 4. Vinesh Phogat

> Question ID : **8161613239**
> Status : **Answered**
> Chosen Option : **4**

Q.19 Who was the founder of the Ramakrishna Mission?

Ans   ✗ 1. Debendranath Tagore

     ✗ 2. Atmaram Pandurang

     ✔ 3. Swami Vivekananda

     ✗ 4. Swami Dayanand

> Question ID : **8161613234**
> Status : **Not Answered**
> Chosen Option : **--**

Q.20 The 5th International Film Festival with the theme 'Comedy' was organised by the Culture and Tourism Departments in collaboration with Prayas Production (Mumbai) in which city?

Ans   ✔ 1. Khajuraho

     ✗ 2. Mumbai

     ✗ 3. Gurugram

     ✗ 4. Puri

> Question ID : **8161613222**
> Status : **Not Answered**
> Chosen Option : **--**

Q.21 Which of the following is NOT a scalar quantity?

Ans   ✗ 1. Volume

     ✗ 2. Temperature

     ✔ 3. Torque

     ✗ 4. Time

> Question ID : **8161613226**
> Status : **Answered**
> Chosen Option : **1**

Q.22 Which of the following is NOT unicellular?

Ans
  ✗ 1. Amoeba

  ✓ 2. Spirogyra

  ✗ 3. Plasmodium

  ✗ 4. Paramecium

Question ID : **8161613228**
Status : **Answered**
Chosen Option : **4**

Q.23 Which of the following viruses is responsible for causing influenza?

Ans
  ✗ 1. Varicella virus

  ✗ 2. Rubeola virus

  ✓ 3. Myxovirus

  ✗ 4. Poliovirus

Question ID : **8161613227**
Status : **Answered**
Chosen Option : **1**

Q.24 In which of the following countries was the first Electronic Numerical Integrator and Computer, the first programmable general purpose electronic digital computer, developed?

Ans
  ✗ 1. United Kingdom

  ✗ 2. China

  ✗ 3. Japan

  ✓ 4. United States of America

Question ID : **8161613218**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Under which Article of the Indian Constitution are Indian citizens guaranteed the right to six fundamental freedoms?

Ans
  ✗ 1. Article 1

  ✗ 2. Article 31

  ✗ 3. Article 26

  ✓ 4. Article 19

Question ID : **8161613237**
Status : **Answered**
Chosen Option : **4**