SSC CHSL TIER – I – Shift - 1 - 18-03-2020

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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

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

Q.1 **Select the correct passive form of the given sentence.**

The students have performed a new version of Shakespeare's 'Macbeth'.

Ans ✗ 1. Shakespeare's 'Macbeth' has been performed by the new version of the students.

✗ 2. A new version of Shakespeare's 'Macbeth' have been performed by the students.

✔ 3. A new version of Shakespeare's 'Macbeth' has been performed by the students.

✗ 4. Shakespeare's 'Macbeth' have been performed by the new version of the students.

Question ID : **4244291**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the correct indirect form of the given sentence.**

Shanti asked me, "Why did you keep this smartphone in the bin?"

Ans ✗ 1. Shanti asked me why I was keeping that smartphone in the bin.

✗ 2. Shanti asked me why I kept that smartphone in the bin.

✔ 3. Shanti asked me why I had kept that smartphone in the bin.

✗ 4. Shanti asked me why I had been keeping that smartphone in the bin.

Question ID : **4244292**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate meaning of the given idiom.**

Vanish into the air

Ans ✗ 1. Permanently mix

✗ 2. Totally dilute

✔ 3. Completely disappear

✗ 4. Perpetually postpone

Question ID : **42442918**
Status : **Marked For Review**
Chosen Option : **3**

Q.4 Select the wrongly spelt word.

Ans ✗ 1. Valediction

✓ 2. Defenition

✗ 3. Conviction

✗ 4. Selection

Question ID : **42442919**

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.

The internet is fast becoming trusted by (1)_____ children and adults as reliable and accurate (2)_____ of information. Through the internet children now have (3)_____ to an almost endless supply of information and opportunity for (4)_____. However, there can be real risks and dangers for an (5)_____ child.

SubQuestion No : 5

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

Ans ✗ 1. not only

✗ 2. neither

✓ 3. both

✗ 4. often

Question ID : **4244296**

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.

The internet is fast becoming trusted by (1)_____ children and adults as reliable and accurate (2)_____ of information. Through the internet children now have (3)_____ to an almost endless supply of information and opportunity for (4)_____. However, there can be real risks and dangers for an (5)_____ child.

SubQuestion No : 6

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

Ans ✗ 1. piece

✗ 2. collection

✓ 3. source

✗ 4. deposit

Question ID : **4244297**

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.

The internet is fast becoming trusted by (1)_____ children and adults as reliable and accurate (2)_____ of information. Through the internet children now have (3)_____ to an almost endless supply of information and opportunity for (4)_____. However, there can be real risks and dangers for an (5)_____ child.

SubQuestion No : 7

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

Ans ✗ 1. easiness

✗ 2. gathering

✓ 3. access

✗ 4. ability

Question ID : **4244298**
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.

The internet is fast becoming trusted by (1)_____ children and adults as reliable and accurate (2)_____ of information. Through the internet children now have (3)_____ to an almost endless supply of information and opportunity for (4)_____. However, there can be real risks and dangers for an (5)_____ child.

SubQuestion No : 8

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

Ans ✓ 1. interaction

✗ 2. consultation

✗ 3. intimation

✗ 4. deliberation

Question ID : **4244299**
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.

The internet is fast becoming trusted by (1)_____ children and adults as reliable and accurate (2)_____ of information. Through the internet children now have (3)_____ to an almost endless supply of information and opportunity for (4)_____. However, there can be real risks and dangers for an (5)_____ child.

SubQuestion No : 9

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

Ans ✅ 1. unsupervised

❌ 2. unauthorised

❌ 3. undeveloped

❌ 4. unparalleled

Question ID : **42442910**
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'.**

<u>As of</u> you are here with me, who cares about the outcome of the issue.

Ans ❌ 1. So long

❌ 2. As long to

❌ 3. No improvement

✅ 4. As long as

Question ID : **42442914**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate synonym of the given word.**

JOVIAL

Ans ❌ 1. Judgmental

❌ 2. Jeering

❌ 3. Jealous

✅ 4. Joyous

Question ID : **42442924**
Status : **Marked For Review**
Chosen Option : **1**

Q.12 Select the wrongly spelt word.

Ans   ✗ 1. Corporate

       ✔ 2. Comemorate

       ✗ 3. Collaborate

       ✗ 4. Conjugate

Question ID : **42442920**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the word which means the same as the group of words given.

Something which is considered to be very important

Ans   ✔ 1. Cardinal

       ✗ 2. Scanty

       ✗ 3. Meagre

       ✗ 4. Supplementary

Question ID : **42442921**
Status : **Marked For Review**
Chosen Option : **1**

Q.14 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'.

Before it was modified, the Law <u>provided with</u> the owner could take possession of the goods at any time.

Ans   ✗ 1. provided on

       ✗ 2. provided as

       ✗ 3. No improvement

       ✔ 4. provided that

Question ID : **42442913**
Status : **Answered**
Chosen Option : **4**

Q.15 Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

A. In the evening, Tejaswini would sing songs praising the Lord.
B. She would go to the Lord's temple twice a day.
C. Tejaswini was known in the village for her devotion to the Lord.
D. In the morning, she would take with her a pot of milk and a bunch of flowers as offering.

Ans   ✗ 1. DCAB

       ✔ 2. CBDA

       ✗ 3. ACDB

       ✗ 4. CADB

Question ID : **42442911**
Status : **Answered**
Chosen Option : **2**

Q.16 Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

A. One day, a strange crow from the west, landed on one of the branches.
B. There was a large mango tree deep inside a thick forest.
C. The branches were full of leaves, which crackled when the storm blew.
D. Its branches spread in all directions, lobbing a large shadow on the ground.

Ans ✗ 1. CDBA

✗ 2. ACDB

✗ 3. BCAD

✔ 4. BDCA

Question ID : **42442912**
Status : **Answered**
Chosen Option : **4**

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

I had a broken bone in the hand which the doctor called a _____ and suggested immediate surgery.

Ans ✔ 1. fracture

✗ 2. contamination

✗ 3. infection

✗ 4. wound

Question ID : **42442925**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the word which means the same as the group of words given.

A person who is neither well experienced nor professional

Ans ✗ 1. Proficient

✗ 2. Expert

✗ 3. Veteran

✔ 4. Amateur

Question ID : **42442922**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the most appropriate meaning of the given idiom.

Take one's hat off to someone

Ans ✗ 1. Indicate disapproval

✔ 2. Show admiration

✗ 3. Express anger

✗ 4. Display humility

Question ID : **42442917**
Status : **Answered**
Chosen Option : **2**

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

OBSCURE

Ans   ✗ 1. Uncertain

      ✗ 2. Vague

      ✔ 3. Clear

      ✗ 4. Ambiguous

Question ID : **42442915**
Status : **Answered**
Chosen Option : **3**

Q.21 Select the most appropriate ANTONYM of the given word.

EARTHLY

Ans   ✔ 1. Celestial

      ✗ 2. Peripheral

      ✗ 3. Temperamental

      ✗ 4. Temporal

Question ID : **42442916**
Status : **Answered**
Chosen Option : **1**

Q.22 Select the most appropriate word to fill in the blank.

She has shown a great interest towards space science, since her early childhood and a passion to _____ the outer space.

Ans   ✔ 1. explore

      ✗ 2. elicit

      ✗ 3. entertain

      ✗ 4. enlighten

Question ID : **42442926**
Status : **Answered**
Chosen Option : **1**

Q.23 In the sentence identify the segment which contains the grammatical error.

Thomas is a man of word who have been paying back the borrowed money in instalments.

Ans   ✔ 1. who have been paying back

      ✗ 2. in instalments

      ✗ 3. the borrowed money

      ✗ 4. Thomas is a man of word

Question ID : **4244293**
Status : **Answered**
Chosen Option : **2**

Q.24 In the sentence identify the segment which contains the grammatical error.

Though she was able to finish the work on time, she couldn't do that out in fear.

Ans ✗ 1. finish the work on time,

✗ 2. Though she was able to

✔ 3. out in fear

✗ 4. she couldn't do that

Question ID : **4244294**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the most appropriate synonym of the given word.

CHOOSY

Ans ✗ 1. Tricky

✔ 2. Selective

✗ 3. Frank

✗ 4. Productive

Question ID : **42442923**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 Sheela introduced Rahul saying, "His sister is the single daughter of my mother". How are Rahul and Sheela related to each other?'

Ans ✗ 1. Cousins

✗ 2. Son-Mother

✔ 3. Brother-Sister

✗ 4. Uncle-Niece

Question ID : **42442940**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.
e_geef_gg_ee_f_ggg

Ans ✔ 1. f, f, e, f, f

✗ 2. f, g, f, g, g

✗ 3. g, f, e, f, f

✗ 4. f, f, f, f, f

Question ID : **42442938**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Rishabh is a 10 year old boy. If his mother is 20 years older than him and 6 years younger than his father, then what is his father's age?

Ans

  ✗ 1. 34 years

  ✗ 2. 26 years
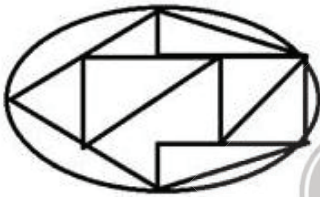
  ✓ 3. 36 years

  ✗ 4. 30 years

Question ID : **42442927**

Status : **Answered**

Chosen Option : **3**

Q.4 In a certain code language, 'APRICOT' is written as 'GLXRIKZ' then how will 'ORANGE' be written in the same code language?

Ans

  ✗ 1. LHZMSV

  ✗ 2. LIZMTV

  ✗ 3. VTNZHM

  ✓ 4. VTMZIL

Question ID : **42442943**

Status : **Answered**

Chosen Option : **4**

Q.5 How many triangles are there in the given figure?

Ans

  ✓ 1. 8

  ✗ 2. 10

  ✗ 3. 13

  ✗ 4. 12

Question ID : **42442947**

Status : **Not Answered**

Chosen Option : **--**

Q.6 Select the option in which the given figure is embedded. (Rotation is not allowed)

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
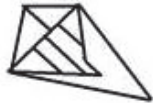
Q.7 Four letter-pairs have been given, out of which three are alike in some manner and one is different. Select the odd letter-pair.

Ans

✗ 1. US

✗ 2. OM

✗ 3. AY

✔ 4. BE

Q.8 Select the option that is related to the third number in the same way as the second number is related to the first number.
9 : 121 :: 7 : ?

Ans

✗ 1. 102

✗ 2. 79

✔ 3. 81

✗ 4. 105

Q.9 Which of the options is the exact mirror image of the given alphanumeric figure when the mirror is held at the right side?

AHTOITG46Q34

Ans

✗ 1. ♭Ɛ⊙♭GⱢIOHTⱯ

✗ 2. Ɛ♭⊙∂♭ƆITOTHA

✔ 3. ♭Ɛ⊙∂♭ƆTIOTHA

✗ 4. ♭Ɛ⊙♭GⱢIOⱢHⱯ

Question ID : **42442950**
Status : **Answered**
Chosen Option : **3**

Q.10 Which two signs should be interchanged to make the following equation correct?

$4 \div 6 + 9 - 48 \times 8 = 27$

Ans

✗ 1. + and −

✗ 2. + and ×

✗ 3. ÷ and +

✔ 4. ÷ and ×

Question ID : **42442928**
Status : **Answered**
Chosen Option : **4**

Q.11 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.

INTEX : EINTX :: SMALL : ?

Ans

✗ 1. LLAMV

✗ 2. ALMLV

✗ 3. AJKLM

✔ 4. ALLMS

Question ID : **42442937**
Status : **Marked For Review**
Chosen Option : **4**

Q.12 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

ab_ _ _cba_ _ _dd_ _ _abcd_ _baa_ _ _ _cba

Ans

✗ 1. acbdecdeaacecdd

✗ 2. abeaacdecdeecdd

✗ 3. abbaacdeecdecdd

✔ 4. cddabccbadcbcdd

Question ID : **42442939**
Status : **Answered**
Chosen Option : **4**

Q.13 In a code certain code language, MUSIC is coded as 60 and TUNE is coded as 56. How will LYRIC be coded as in that language?

Ans ✗ 1. 65

✗ 2. 63

✔ 3. 62

✗ 4. 67

Question ID : **42442936**

Status : **Not Answered**

Chosen Option : **--**

Q.14 In a certain code language, PAGER is written as MIDOO. How will ANGEL be written as in that language?

Ans ✔ 1. IKDOI

✗ 2. AVIDI

✗ 3. AOIDK

✗ 4. ILVDN

Question ID : **42442935**

Status : **Marked For Review**

Chosen Option : **1**

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(2, 6, 32)

Ans ✗ 1. (4, 12, 36)

✗ 2. (4, 8, 34)

✗ 3. (9, 13, 43)

✔ 4. (8, 18, 80)

Question ID : **42442930**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Arrange the following words in a logical and meaningful order.

1. Letter
2. Satellite
3. Telephone
4. Smartphone

Ans ✔ 1. 1, 3, 4, 2

✗ 2. 4, 3, 1, 2

✗ 3. 3, 1, 2, 4

✗ 4. 3, 2, 1, 4

Question ID : **42442934**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the number that can replace the question mark (?) in the following series.

2, 8, 15, 24, 36, 52, ?
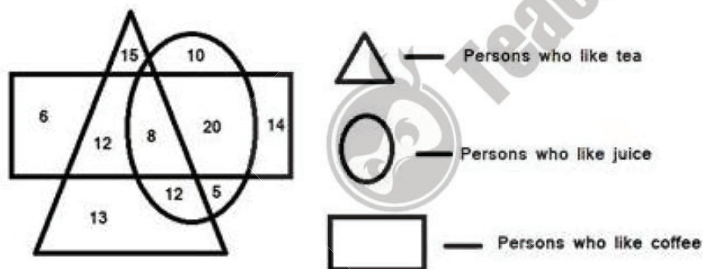
Ans ✗ 1. 83

✗ 2. 78

✗ 3. 63

✔ 4. 73

Q.18 Select the option in which the words share the same relationship as that shared by the given pair of words.

Chair : Furniture

Ans ✗ 1. Bicycle : Travel

✗ 2. Seat : Cover

✔ 3. Letter paper : Stationary

✗ 4. Pencil : Wood

Q.19 Study the following diagram and answer the given question.

How many people like both tea and coffee, but do NOT like juice?'

Ans ✗ 1. 8

✗ 2. 22

✔ 3. 12

✗ 4. 20

Q.20 If the following figure is folded to form a cube, then how many dots will be on the face opposite to the face having 2 dots?
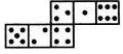
Ans
  ✘ 1. 3
  ✘ 2. 6
  ✘ 3. 4
  ✔ 4. 1

Question ID : **42442945**
Status : **Answered**
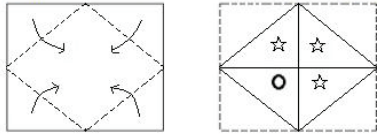Chosen Option : **4**

Q.21 Select the option figure that will come next in the following series.

Ans
  ✘ 1.

  ✘ 2.

  ✔ 3.

  ✘ 4.

Question ID : **42442946**
Status : **Marked For Review**
Chosen Option : **3**

Q.22 A paper is folded and cut as shown in the following figures. How will this paper appear when unfolded?
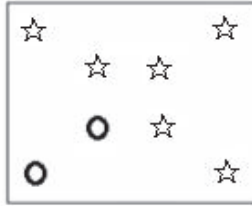

Ans

1.

2. ✔

3.

4.

Q.23 A and B can do a piece of work in 30 days and 18 days respectively. A started the work alone and then after 6 days B joined him till the completion of the work. In how many days has the whole work completed?

Ans

1. 12

2. 9

3. 15 ✔

4. 17

Q.24 Which two signs and numbers should be interchanged to make the following equation correct?

$16 \times 18 + 2 - 14 \div 3 = 38$

Ans   ✗ 1.   14 and 18, + and −

       ✔ 2.   14 and 18, + and ×

       ✗ 3.   16 and 3, − and ÷

       ✗ 4.   16 and 14, − and ×

Question ID : **42442931**
Status : **Answered**
Chosen Option : **2**

Q.25 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 doors are teachers.
2. All teachers are cups.

Conclusions:
    I.   All cups are doors.
    II.   All doors are cups.
    III.   All teachers are doors.
    IV.   Some cups are teachers.

Ans   ✗ 1.   Only conclusions I and II follow.

       ✗ 2.   Only conclusion I follows.

       ✔ 3.   Only conclusions II and IV follow.

       ✗ 4.   Only conclusions I and III follow.

Question ID : **42442944**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

Q.1 $\dfrac{1-\tan A}{1+\tan A} = \dfrac{\tan 3° \tan 15° \tan 30° \tan 75° \tan 87°}{\tan 27° \tan 39° \tan 51° \tan 60° \tan 63°}$, then the value of $\cot A$ is:

Ans   ✗ 1.   1

       ✔ 2.   2

       ✗ 3.   4

       ✗ 4.   3

Question ID : **42442972**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following numbers is divisible by 2, 5 and 10?
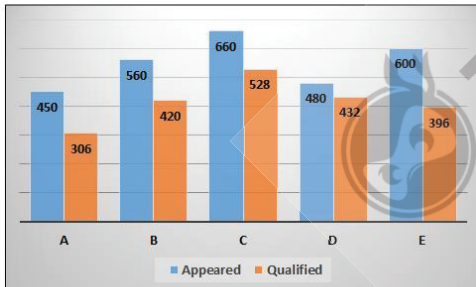
Ans ✗ 1. 7,20,345

 ✗ 2. 149

 ✗ 3. 1,25,372

 ✓ 4. 19,400

Q.3 If a sinA + b cosA = c, then a cosA − b sinA is equal to:

Ans ✗ 1. $\sqrt{a^2 + b^2 + c^2}$

 ✗ 2. $\sqrt{a^2 - b^2 + c^2}$

 ✓ 3. $\sqrt{a^2 + b^2 - c^2}$

 ✗ 4. $\sqrt{a^2 - b^2 - c^2}$

Q.4 The following graph shows the data of the number of candidates that appeared and qualified for a competitive exam from the colleges A, B, C, D, E.
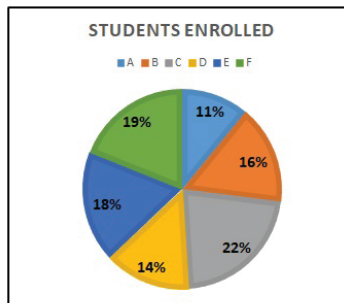

Based on the information, the difference between the percentage of students that qualified, from the colleges B and D is:

Ans ✗ 1. 20

 ✓ 2. 15

 ✗ 3. 12

 ✗ 4. 18

Q.5 The given pie chart shows the percentage of students enrolled into the colleges A, B, C, D, E and F in a city, and the table shows the ratio of boys to girls in the college.

STUDENTS ENROLLED

■ A ■ B ■ C ■ D ■ E ■ F

| 11% | 16% | 22% | 14% | 18% | 19% |

A	9 : 4
B	5 : 9
C	3 : 4
D	7 : 2
E	1 : 4
F	3 : 2

Based on this information, if the total number of students is 9800, then the number of girls in the college B is:

Ans   ✗ 1. 504

    ✗ 2. 560

    ✗ 3. 280

    ✔ 4. 1008

Question ID : **42442974**

Status : **Answered**

Chosen Option : **4**

Q.6 Ravi starts for his school from his house on his cycle at 8:20 a.m. If he runs his cycle at a speed of 10 km/h, he reaches his school 8 minutes late, and if he drives the cycle at a speed of 16 km/h, he reaches his school 10 minutes early. The school starts at:

Ans   ✗ 1. 8:40 a.m.

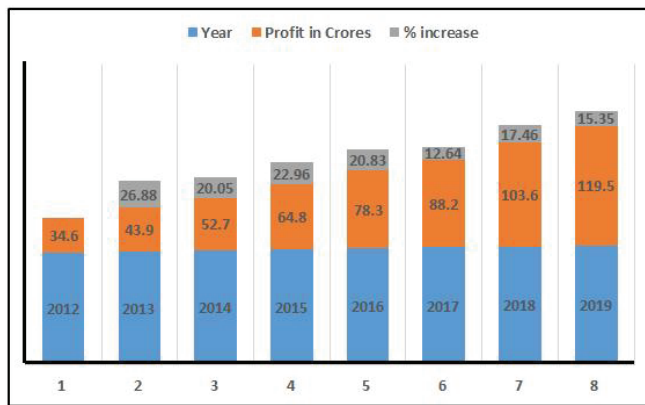   ✗ 2. 9:40 a.m.

    ✗ 3. 8:50 a.m.

    ✔ 4. 9:00 a.m.

Question ID : **42442953**

Status : **Not Answered**

Chosen Option : **--**

Q.7 If x is the square of the number when $\left(\frac{2}{5} \ of \ 6\frac{1}{4} \div \frac{3}{7}\right) of \ 1\frac{2}{7}$ is divided by $11\frac{1}{4}$, then the value of $81x$ is:

Ans   ✗ 1. 9

    ✔ 2. 36

    ✗ 3. 4

    ✗ 4. 16

Question ID : **42442969**

Status : **Not Answered**

Chosen Option : **--**

Q.8 The following graph shows the profit (in crore ₹) earned by a company in the years from 2012 to 2019.

The percentage increase in the profit from the previous year, is greatest in the year:

Ans ✔ 1. 2013

✘ 2. 2017

✘ 3. 2015

✘ 4. 2018

Q.9

If $\left[\left\{\left(\frac{2}{3}\right)^3\right\}^{(2x+3)}\right]^{\frac{-3}{4}} = \left[\left\{\left(\frac{2}{3}\right)^{\frac{2}{3}}\right\}^{(3x+7)}\right]^{\frac{-6}{5}}$, then the value of $\sqrt{2-42x}$ is:
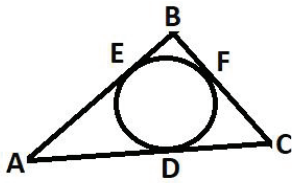
Ans ✔ 1. 5

✘ 2. 4

✘ 3. 6

✘ 4. 3

Q.10

A circle is inscribed in the triangle ABC whose sides are given as AB = 10, BC = 8, CA = 12 units as shown in the figure. The value of $AD \times BF$ is:

Ans ✗ 1. 18 units

✗ 2. 15 units

✔ 3. 21 units

✗ 4. 16 units

Q.11

If $\tan a = \frac{2}{\sqrt{13}}$, then the value of $\frac{cosec^2 a + 2sec^2 a}{cosec^2 a - 3sec^2 a}$ is:

Ans ✗ 1. 14

✔ 2. 21

✗ 3. 32

✗ 4. 16

Q.12 A person purchased 40 items at some price. He sold some items at a profit of 30% by selling them at a price equal to the cost price of 26 items. The remaining items are sold at 18% profit. The total profit percentage is:

Ans ✔ 1. 24%

✗ 2. 25%

✗ 3. 28%

✗ 4. 27%

Q.13 Several students have taken an exam. There was an error in the answer key which affected the marks of 48 students, and their average marks reduced from 78 to 66. The average of remaining students increased by 3.5 marks. This resulted the reduction of the average of all students by 4.5 marks. The number of students that attended the exam is:

Ans
- ✗ 1. 100
- ✗ 2. 96
- ✗ 3. 84
- ✔ 4. 93

Q.14 A shopkeeper pays 12% of the cost price as tax while purchasing an item whose cost is ₹500. He wants to earn a profit of 20% after giving a discount of 16% on the marked price. So, the marked price should be:

Ans
- ✗ 1. ₹780
- ✗ 2. ₹960
- ✗ 3. ₹840
- ✔ 4. ₹800

Q.15 In a 56 lilters mixture of milk and water, the ratio of milk to water is 5 : 2. In order to make the ratio of milk to water 7 : 2, some quantity of milk is to be added to the mixture. The quantity of the milk present in the new mixture will be:

Ans
- ✗ 1. 40 liters
- ✗ 2. 16 liters
- ✔ 3. 56 liters
- ✗ 4. 48 liters

Q.16 If a% of 240 is c and c% of a is 117.6, then the value of $a + c$ is:

Ans
- ✗ 1. 144
- ✗ 2. 260
- ✗ 3. 196
- ✔ 4. 238

Q.17 If the value of $\frac{3x\sqrt{y}+2y\sqrt{x}}{3x\sqrt{y}-2y\sqrt{x}} - \frac{3x\sqrt{y}-2y\sqrt{x}}{3x\sqrt{y}+2y\sqrt{x}}$ is same as that of $\sqrt{x}\sqrt{y}$, then which of the following relations between x and y is correct?

Ans ✓ 1. $9x - 4y = 24$

✗ 2. $9x + 4y = 24$

✗ 3. $9x + 4y = 36$

✗ 4. $9x - 4y = 36$

Question ID : **42442966**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If the length of a rectangle is increased by 12% and the breadth is decreased by 8%, the net effect on the area is:

Ans ✗ 1. increase by 2.6%

✗ 2. decrease by 3.04%

✓ 3. increase by 3.04%

✗ 4. decrease by 2.6%

Question ID : **42442954**
Status : **Not Answered**
Chosen Option : **--**

Q.19 If one side of a triangle is 7 with its perimeter equal to 18, and area equal to $\sqrt{108}$, then the other two sides are:

Ans ✓ 1. 3 and 8

✗ 2. 3.5 and 7.5

✗ 3. 7 and 4

✗ 4. 6 and 5

Question ID : **42442963**
Status : **Answered**
Chosen Option : **4**

Q.20 If $\frac{4}{1+\sqrt{2}+\sqrt{3}} = a + b\sqrt{2} + c\sqrt{3} - d\sqrt{6}$, where a, b, c, d are natural numbers, then the value of $a + b + c + d$ is:

Ans ✗ 1. 1

✗ 2. 0

✗ 3. 2

✓ 4. 4

Question ID : **42442965**
Status : **Not Answered**
Chosen Option : **--**

Q.21 A man has ₹10,000. He lent a part of it at 15% simple interest and the remaining at 10% simple interest. The total interest he received after 5 years amounted to ₹6,500. The difference between the parts of the amounts he lent is:
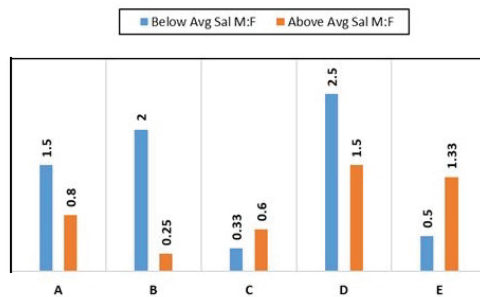
Ans

❌ 1. ₹1,750

❌ 2. ₹2,500

✅ 3. ₹2,000

❌ 4. ₹1,500

Question ID : **42442960**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The following graph shows the data of five companies A, B, C, D, E with respect to the male and female ratio of employees above, or below the average salary.

If in the company D, the percentage of employees above the average salary is 16% which is equal to 80, then the number of employees below average salary are:
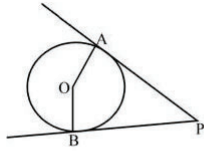
Ans

❌ 1. 300

❌ 2. 520

✅ 3. 420

❌ 4. 470

Question ID : **42442973**
Status : **Not Answered**
Chosen Option : **--**

Q.23

PA and PB are tangents to the circle and O is the centre of the circle. The radius is 5 cm and PO is 13 cm. If the area of the triangle PAB is M, then the value of $\sqrt{\frac{M}{15}}$ is:

Ans

✗ 1. $\sqrt{\frac{12}{13}}$

✔ 2. $\frac{24}{13}$

✗ 3. $\sqrt{\frac{24}{13}}$

✗ 4. $\frac{12}{13}$

Question ID : **42442964**
Status : **Not Answered**
Chosen Option : **--**

Q.24 A secant is drawn from a point P to a circle so that it meets the circle first at A, then goes through the centre, and leaves the circle at B. If the length of the tangent from P to the circle is 12 cm, and the radius of the circle is 5 cm, then the distance from P to A is:

Ans

✗ 1. 10 cm

✔ 2. 8 cm

✗ 3. 12 cm

✗ 4. 18 cm

Question ID : **42442961**
Status : **Not Answered**
Chosen Option : **--**

Q.25 25 men can complete a task in 16 days. Four days after they started working, 5 more men, with equal workmanship, joined them. How many days will be needed by all to complete the remaining task?

Ans

✗ 1. 15 days

✗ 2. 18 days

✗ 3. 12 days

✔ 4. 10 days

Question ID : **42442952**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 The rhythmic rise and fall of ocean water twice in a day is called _____.

Ans ✗ 1. Wave

✗ 2. Tsunami

✗ 3. Current

✔ 4. Tide

Question ID : **42442989**
Status : **Answered**
Chosen Option : **4**

Q.2 Which of the following is NOT a credit rating agency in India?

Ans ✗ 1. CARE

✔ 2. RBI

✗ 3. ICRA

✗ 4. CRISIL

Question ID : **42442984**
Status : **Answered**
Chosen Option : **1**

Q.3 Which is the largest uranium producing country in the world?

Ans ✗ 1. USA

✗ 2. India

✔ 3. Kazakhstan

✗ 4. Uzbekistan

Question ID : **42442992**
Status : **Marked For Review**
Chosen Option : **2**

Q.4 Tummalapalle, believed to have one of the largest uranium reserves in the world, is situated in which of the following states?

Ans ✗ 1. Tamil Nadu

✔ 2. Andhra Pradesh

✗ 3. Telangana

✗ 4. Karnataka

Question ID : **42442991**
Status : **Marked For Review**
Chosen Option : **3**

Q.5 Which of the following teams won the 129th edition of Durand Cup in August 2019?

Ans
✗ 1. Mohun Bagan

✗ 2. Mohammedan Sporting Club

✓ 3. Gokulam Kerala

✗ 4. East Bengal

Question ID : **424429100**

Status : **Answered**

Chosen Option : **3**

Q.6 Which of the following scientists was awarded a Nobel Prize for his services to Theoretical Physics, and especially for his discovery of the Law of the Photoelectric Effect?

Ans
✗ 1. Thomas Edison

✓ 2. Albert Einstein

✗ 3. Ernest Rutherford

✗ 4. Nikola Tesla

Question ID : **42442988**

Status : **Marked For Review**

Chosen Option : **4**

Q.7 Who among the following took charge as India's first Chief of Defence Staff (CDS) on 1 January 2020?

Ans
✓ 1. General Bipin Rawat

✗ 2. Navy Chief Admiral Karambir Singh

✗ 3. General Manoj Mukund Naravane

✗ 4. Air Chief Marshal Rakesh Kumar Singh Bhadauria

Question ID : **42442983**

Status : **Answered**

Chosen Option : **1**

Q.8 'Gurpurab' is the most important and sacred festival of the Sikh community. In which of the following months of the Hindu calendar is it celebrated?

Ans
✗ 1. Shravana

✓ 2. Kartik

✗ 3. Jyaistha

✗ 4. Vaisakha

Question ID : **42442979**

Status : **Marked For Review**

Chosen Option : **2**

Q.9 A hard disk is an example of which type of data storage device?

Ans ❌ 1. Primary Storage

❌ 2. Offline Storage

❌ 3. Tertiary Storage

✅ 4. Secondary Storage

Question ID : **42442978**

Status : **Answered**

Chosen Option : **1**

Q.10 Who among the following was appointed as the Deputy Governor of Reserve Bank of India (RBI) in January 2020?

Ans ❌ 1. Viral Acharya

✅ 2. Michael Debabrata Patra

❌ 3. BP Kanungo

❌ 4. NS Vishwanathan

Question ID : **42442981**

Status : **Marked For Review**

Chosen Option : **3**

Q.11 Who among the following won ICC's '2019 Sir Garfield Sobers Trophy'?

Ans ❌ 1. Virat Kohli

❌ 2. Rohit Sharma

✅ 3. Ben Stokes

❌ 4. Ken Williamson

Question ID : **42442996**

Status : **Answered**

Chosen Option : **1**

Q.12 Under which of the following schemes has the Government of India set up a new institution for development and refinancing activities related to micro units?

Ans ✅ 1. Pradhan Mantri MUDRA Yojana

❌ 2. Pradhan Mantri Yojna

❌ 3. Pradhan Mantri MNREGA Yojana

❌ 4. Pradhan Mantri Sadak Yojana

Question ID : **42442985**

Status : **Marked For Review**

Chosen Option : **1**

Q.13 _____ is the term used for breeding of fish in specially constructed tanks and ponds.

Ans

✗ 1. Viticulture

✗ 2. Agriculture

✗ 3. Horticulture

✓ 4. Pisciculture

Question ID : **42442990**
Status : **Answered**
Chosen Option : **4**

Q.14 Which of the following statements is correct?

Ans

✗ 1. The Governor has no power to suspend, remit or commute a sentence of death.

✗ 2. The Governor has no power to grant pardon in respect of punishment or sentence inflicted by Court Martial.

✗ 3. The President has no power to grant pardon in respect of punishment or sentence inflicted by Court Martial.

✓ 4. The Governor has power to grant pardon in case of a death sentence.

Question ID : **42442998**
Status : **Answered**
Chosen Option : **1**

Q.15 In which of the following years did India come under the direct rule of the British crown?

Ans

✗ 1. 1878

✓ 2. 1858

✗ 3. 1868

✗ 4. 1888

Question ID : **42442994**
Status : **Answered**
Chosen Option : **2**

Q.16 In the context of memory size in computer data storage, one gigabyte is equal to how many megabytes?

Ans

✗ 1. 64 MB

✗ 2. 32 MB

✗ 3. 1012 MB

✓ 4. 1024 MB

Question ID : **42442977**
Status : **Answered**
Chosen Option : **1**

Q.17 Who among the following scientists invented dynamite?

Ans ✓ 1. Alfred Nobel

✗ 2. Thomas Alva Edison

✗ 3. Rudolf Diesel

✗ 4. Benjamin Franklin

Question ID : **42442986**
Status : **Answered**
Chosen Option : **1**

Q.18 The 'Kathakali' dance is a harmonious combination of _____ forms of fine art.

Ans ✗ 1. six

✗ 2. seven

✓ 3. five

✗ 4. four

Question ID : **42442980**
Status : **Answered**
Chosen Option : **4**

Q.19 What was India's overall rank in the medals tally in the 23rd edition of the Asian Athletics Championship?

Ans ✗ 1. First

✗ 2. Third

✗ 3. Fifth

✓ 4. Fourth

Question ID : **424429101**
Status : **Answered**
Chosen Option : **4**

Q.20 Who was the Chairman of the Drafting Committee of the Constituent Assembly of India?

Ans ✗ 1. Rajendra Prasad

✗ 2. Sardar Vallabhbhai Patel

✓ 3. BR Ambedkar

✗ 4. Jawaharlal Nehru

Question ID : **42442993**
Status : **Answered**
Chosen Option : **3**

Q.21 Who among the following won the 'Women's World Rapid Chess Championship 2019'?

Ans ✗ 1. Sopiko Khukhashvili

✗ 2. Dronavalli Harika

✓ 3. Koneru Humpy

✗ 4. Lei Tingjie

Question ID : **42442999**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following cities hosted the third edition of the Khelo India Youth Games?

Ans ✗ 1. Patna

✗ 2. Cuttack

✓ 3. Guwahati

✗ 4. Panaji

Question ID : **42442982**
Status : **Marked For Review**
Chosen Option : **4**

Q.23 Which of the following is a disease caused by protozoa?

Ans ✗ 1. Small Pox

✗ 2. Rabies

✓ 3. Kala azar

✗ 4. AIDS

Question ID : **42442987**
Status : **Marked For Review**
Chosen Option : **3**

Q.24 Which of the following articles of the Constitution of India has a provision for financial emergency?

Ans ✗ 1. Article 365

✗ 2. Article 356

✓ 3. Article 360

✗ 4. Article 330

Question ID : **42442997**
Status : **Marked For Review**
Chosen Option : **3**

Q.25 Who among the following was conferred with the 'Dadasaheb Phalke Award 2019'?

Ans ✓ 1. Amitabh Bachchan

✗ 2. Dilip Kumar

✗ 3. Kabir Bedi

✗ 4. Anupam Kher

Question ID : **42442995**
Status : **Answered**
Chosen Option : **1**