Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	TCS Gito Bitan
Exam Date	15/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

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

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

A situation in which many people leave a place at the same time

Ans   ✗ 1. Mitigation

✗ 2. Immigration

✔ 3. Exodus

✗ 4. Navigation

Question ID : **8161612959**
Status : **Answered**
Chosen Option : **2**

Q.2 In the given sentence identify the segment which contains the grammatical error.

The Commonwealth Games had a grand opening ceremony with spectacular cultural performings.

Ans   ✗ 1. a grand opening

✗ 2. The Commonwealth Games had

✔ 3. cultural performings.

✗ 4. with spectacular

Question ID : **8161612941**
Status : **Marked For Review**
Chosen Option : **3**

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

INTEGRATE

Ans   ✗ 1. Divide

✗ 2. Increase

✗ 3. Disappear

✔ 4. Unite

Question ID : **8161612961**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the most appropriate segment to substitute the underlined segment of the given sentence.**

In the jungle, I saw <u>a group of lions.</u>

Ans
✗ 1. a herd of lions

✗ 2. a school of lions

✓ 3. a pride of lions

✗ 4. a flock of lions

Question ID : **8161612951**
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.

Increasing levels of air pollution are (1)_____ for higher incidence of respiratory diseases and other illnesses. Various studies carried out in Delhi reflect the correlation between air pollution and its (2)_____ impacts.
To tackle the problem of air pollution, a number of measures have been taken in the past, such as switching to (3)_____ fuels, tightening vehicular emission limits, phasing out of old vehicles and maintenance of in-use vehicles, closing or relocating (4)_____ industries, plantation activities etc. However, a lot more still needs to be done if the capital desires to (5)_____ clean air.

SubQuestion No : 5

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

Ans
✓ 1. responsible

✗ 2. responding

✗ 3. responsive

✗ 4. responsibility

Question ID : **8161612944**
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.

Increasing levels of air pollution are (1)_____ for higher incidence of respiratory diseases and other illnesses. Various studies carried out in Delhi reflect the correlation between air pollution and its (2)_____ impacts.
To tackle the problem of air pollution, a number of measures have been taken in the past, such as switching to (3)_____ fuels, tightening vehicular emission limits, phasing out of old vehicles and maintenance of in-use vehicles, closing or relocating (4)_____ industries, plantation activities etc. However, a lot more still needs to be done if the capital desires to (5)_____ clean air.

SubQuestion No : 6

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

Ans   ✗ 1. illness

       ✗ 2. long

       ✗ 3. rough

       ✔ 4. health

Question ID : **8161612945**
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.

Increasing levels of air pollution are (1)_____ for higher incidence of respiratory diseases and other illnesses. Various studies carried out in Delhi reflect the correlation between air pollution and its (2)_____ impacts.
To tackle the problem of air pollution, a number of measures have been taken in the past, such as switching to (3)_____ fuels, tightening vehicular emission limits, phasing out of old vehicles and maintenance of in-use vehicles, closing or relocating (4)_____ industries, plantation activities etc. However, a lot more still needs to be done if the capital desires to (5)_____ clean air.

SubQuestion No : 7

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

Ans   ✗ 1. righteous

       ✔ 2. cleaner

       ✗ 3. guiltless

       ✗ 4. immaculate

Question ID : **8161612946**
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.

Increasing levels of air pollution are (1)_____ for higher incidence of respiratory diseases and other illnesses. Various studies carried out in Delhi reflect the correlation between air pollution and its (2)_____ impacts.
To tackle the problem of air pollution, a number of measures have been taken in the past, such as switching to (3)_____ fuels, tightening vehicular emission limits, phasing out of old vehicles and maintenance of in-use vehicles, closing or relocating (4)_____ industries, plantation activities etc. However, a lot more still needs to be done if the capital desires to (5)_____ clean air.

SubQuestion No : 8

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

Ans   ✔ 1. polluting

         ✘ 2. pollution

         ✘ 3. pollute

         ✘ 4. polluted

Question ID : **8161612947**
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.

Increasing levels of air pollution are (1)_____ for higher incidence of respiratory diseases and other illnesses. Various studies carried out in Delhi reflect the correlation between air pollution and its (2)_____ impacts.
To tackle the problem of air pollution, a number of measures have been taken in the past, such as switching to (3)_____ fuels, tightening vehicular emission limits, phasing out of old vehicles and maintenance of in-use vehicles, closing or relocating (4)_____ industries, plantation activities etc. However, a lot more still needs to be done if the capital desires to (5)_____ clean air.

SubQuestion No : 9

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

Ans   ✘ 1. breathed

         ✘ 2. breather

         ✘ 3. breathes

         ✔ 4. breathe

Question ID : **8161612948**
Status : **Answered**
Chosen Option : **4**

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

Roshan said to me, "Sandeep made a new year greeting card for his teacher".

Ans ✔ 1. Roshan told me that Sandeep had made a new year greeting card for his teacher.

✘ 2. Sandeep made a new year greeting card for his teacher said Roshan.

✘ 3. Roshan said Sandeep had made a new year greeting card for his teacher.

✘ 4. Roshan was saying that Sandeep made a new year greeting card for his teacher.

Question ID : **8161612940**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the most appropriate words to fill in the blank in the given sentence.

I dislike people with _____ who say something and do something else.

Ans ✔ 1. double standards

✘ 2. many roles

✘ 3. strange achievements

✘ 4. multiple relations

Question ID : **8161612964**
Status : **Answered**
Chosen Option : **1**

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

A. In India, forests are huge catchment areas for rivers and streams as they help in storing water.
B. If these forests continue to be felled indiscriminately, rivers and streams will dry up leading to drought.
C. Due to this many states are facing shortage of water in the summer months.
D. Unfortunately, these dense forest areas are disappearing.

Ans ✔ 1. ADCB

✘ 2. DCBA

✘ 3. CADB

✘ 4. ABCD

Question ID : **8161612950**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the wrongly spelt word.

Ans ✔ 1. Interfear

✘ 2. Selection

✘ 3. Acrimony

✘ 4. Electorate

Question ID : **8161612958**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the most appropriate meaning of the given idiom.

Rub the wrong way

Ans ✔ 1. Annoy someone

✘ 2. Please someone

✘ 3. Rub well without oil

✘ 4. Rub incorrectly

Question ID : **8161612956**

Status : **Answered**

Chosen Option : **1**

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

Not mince (your) words

Ans ✔ 1. State your opinion clearly

✘ 2. Say words that are confusing

✘ 3. Eat a lot clumsily

✘ 4. Not to have clarity

Question ID : **8161612955**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.16 Select the most appropriate ANTONYM of the given word.

INCITE

Ans ✔ 1. Restrain

✘ 2. Instigate

✘ 3. Appeal

✘ 4. Provoke

Question ID : **8161612954**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.17 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'.

Why did the teacher ask all four of you to stay back in class in the break?

Ans ✔ 1. No improvement

✘ 2. asking four of you

✘ 3. ask you all four

✘ 4. asked of four of you

Question ID : **8161612952**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the most appropriate synonym of the given word.

TOLERANCE

Ans
- ✗ 1. Impatience
- ✓ 2. Endurance
- ✗ 3. Aggression
- ✗ 4. Oppression

Question ID : **8161612962**

Status : **Answered**

Chosen Option : **2**

Q.19 Given below are four jumbled sentences. Select the option that gives their correct order.

A. However, in today's ever changing world, power looms are replacing the traditional handloom textiles.
B. Handloom refers to the use of wooden frames of various kinds by skilled artisans to weave fabric from natural fibres.
C. One of the most prominent among Indian handlooms are Banarasi textiles.
D. Banarasi textiles are made with gleaming gold threads and weaving techniques as old as time.

Ans
- ✗ 1. CDAB
- ✗ 2. BDAC
- ✗ 3. DBCA
- ✓ 4. BCDA

Question ID : **8161612949**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the wrongly spelt word.

Ans
- ✗ 1. Attacked
- ✗ 2. Provision
- ✓ 3. Clearify
- ✗ 4. Promote

Question ID : **8161612957**

Status : **Marked For Review**

Chosen Option : **2**

Q.21 Select the correct passive form of the given sentence.

I use jaggery to sweeten my tea in winters.

Ans
- ✗ 1. I have been using jaggery to sweeten my tea in winters.
- ✓ 2. Jaggery is used by me to sweeten my tea in winters.
- ✗ 3. Jaggery is being used by me to sweeten my tea in winters.
- ✗ 4. In winters jaggery was used by me to sweeten my tea.

Question ID : **8161612939**

Status : **Answered**

Chosen Option : **2**

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

To laugh at something in a cruel way

Ans   ✗ 1. Deprive

✗ 2. Defy

✔ 3. Deride

✗ 4. Decide

Question ID : **8161612960**
Status : **Marked For Review**
Chosen Option : **1**

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

The _____ entered the house in disguise saying his uncle lived there and robbed the place.

Ans   ✗ 1. technique

✗ 2. technical

✔ 3. technician

✗ 4. technicality

Question ID : **8161612963**
Status : **Answered**
Chosen Option : **3**

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

My domestic help was taking ill the day I had a party in my house.

Ans   ✗ 1. the day I had a party

✗ 2. in my house

✗ 3. My domestic help

✔ 4. was taking ill

Question ID : **8161612942**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

DISABLE

Ans   ✗ 1. Disapprove

✗ 2. Refuse

✔ 3. Permit

✗ 4. Disallow

Question ID : **8161612953**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 If 'DESIGN' is coded as 'OHJTFE' in a code language, then, how will ' STRONG' be coded as in the same code language?

Ans   ✗ 1. TUSPOH

✗ 2. DOPSKJ

✗ 3. HOPSVU

✓ 4. HOPSUT

Question ID : **8161612981**
Status : **Answered**
Chosen Option : **4**

Q.2 'Algebra' is related to 'Maths' in the same way as 'Optics' is related to '_____'.

Ans   ✓ 1. Physics

✗ 2. Electronics

✗ 3. Geography

✗ 4. Biology

Question ID : **8161612976**
Status : **Answered**
Chosen Option : **1**

Q.3 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

Ans   ✗ 1. 651

✓ 2. 421

✗ 3. 853

✗ 4. 725

Question ID : **8161612971**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

8 : 36

Ans   ✗ 1. 6 : 24

✗ 2. 10 : 42

✗ 3. 4 : 8

✓ 4. 12 : 78

Question ID : **8161612967**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the figure that will come next in the following figure series.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
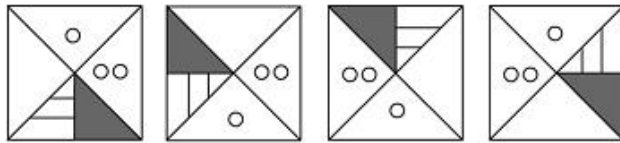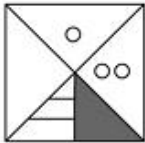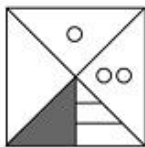
Question ID : **8161612984**
Status : **Answered**
Chosen Option : **4**

Q.6 रमेश का अपनी माँ के दामाद की पत्नी की बहन से क्या संबंध है?

Ans   ✗ 1. ससुर

✗ 2. पति

✗ 3. पिता

✔ 4. भाई

Question ID : **8161612978**
Status : **Answered**
Chosen Option : **4**

Q.7 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Ans ✗ 1. 16 : 125

✗ 2. 289 : 5832

✔ 3. 576 : 3375

✗ 4. 25 : 216

Question ID : **8161612969**
Status : **Not Answered**
Chosen Option : **--**

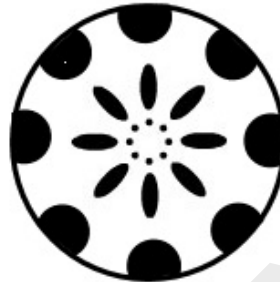**Q.8** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
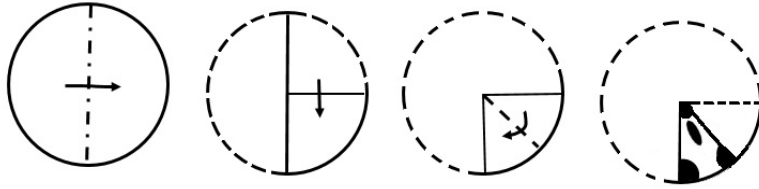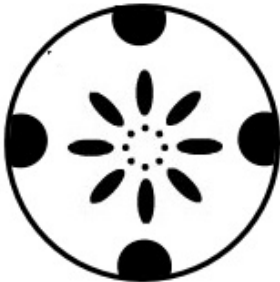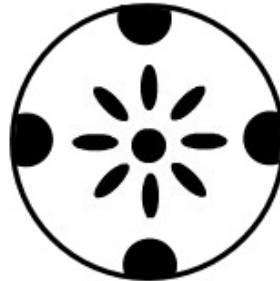
Question ID : **8161612987**
Status : **Answered**
Chosen Option : **4**

Q.9 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.

DASH : FYUF :: BOARD : ?

Ans   ✗ 1. ZQYTB

✗ 2. ZPCLZ

✗ 3. DQYBF

✓ 4. DMCPF

Question ID : **8161612975**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the number that can replace the question mark (?) in the following series.

589, 572, 557, 544, 533, ?

Ans   ✗ 1. 525

✗ 2. 523

✗ 3. 522

✓ 4. 524

Question ID : **8161612968**
Status : **Answered**
Chosen Option : **4**

Q.11 Arrange the following words in a logical and meaningful order.

I. Millimeter

II. Decameter

III. Decimeter

IV. Centimeter

Ans   ✗ 1. II, III, I, IV

✗ 2. III, II, I, IV

✗ 3. I, III, IV, II

✓ 4. I, IV, III, II

Question ID : **8161612972**
Status : **Answered**
Chosen Option : **4**

Q.12 Which of the following sequential order of operations will replace the '*' signs and make the equation

$12 * 3 * 6 * 8 * 4 = -4$ correct?

Ans ✗ 1. ÷, ×, +, −

✔ 2. −, ×, +, ÷

✗ 3. +, ÷, ×, −

✗ 4. ×, −, +, ÷
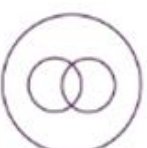
Question ID : **8161612966**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the Venn diagram that best illustrates the relationship between the following:

Omnivore, Bear, Cattle

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **8161612989**
Status : **Answered**
Chosen Option : **2**

Q.14 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. Some students are listeners.

2. Some listeners are observers.

3. Many students are not observers.

Conclusions:

I. Some students are observers.

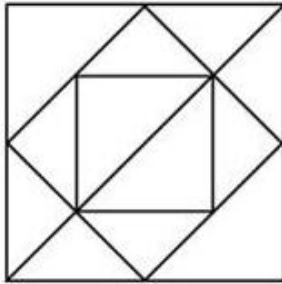II. Some observers are not students.

III. Some observers are listeners.

Ans ✗ 1. Only conclusions I and III follow.

✔ 2. Only conclusion III follows.

✗ 3. Only conclusion I follows.

✗ 4. Only conclusion II follows.

Question ID : **8161612982**
Status : **Answered**
Chosen Option : **2**

Q.15 How many triangles are present in the following figure?

Ans ✗ 1. 14

✗ 2. 18

✔ 3. 16

✗ 4. 15

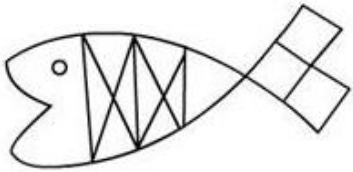Question ID : **8161612985**
Status : **Answered**
Chosen Option : **3**

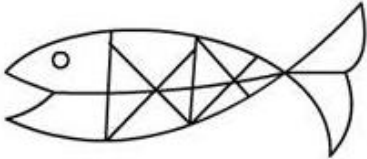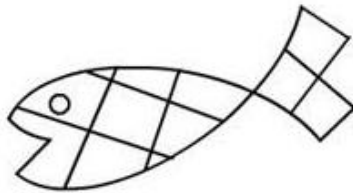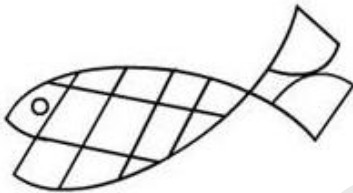**Q.16** Select the option in which the given figure is embedded.
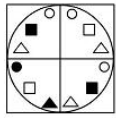

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

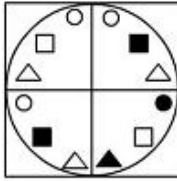|	
Question ID :	**8161612986**
Status :	**Answered**
Chosen Option :	**3**

Q.17 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
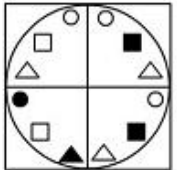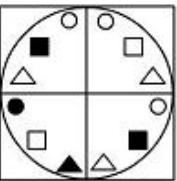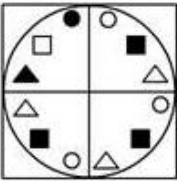
Question ID : **8161612988**

Status : **Answered**

Chosen Option : **1**

Q.18 Three persons A, B and C had ₹360 altogether. A transferred half of the amount he had to B, and C transferred half of the amount he had to A. After the transfer, all of them have equal amounts. What is the total amount B had before the transfer?

Ans

✔ 1. ₹120

✘ 2. ₹0

✘ 3. ₹240

✘ 4. ₹180

Question ID : **8161612965**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Select the option in which the words share the same relationship as that shared by the given pair of words.

Fish : Pisciculture

Ans ✔ 1. Silkworm : Sericulture

  ✘ 2. Earthworm : Horticulture

  ✘ 3. Goat : Apiculture

  ✘ 4. Honeybee : Citriculture

Question ID : **8161612979**

Status : **Answered**

Chosen Option : **1**

Q.20 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. DHPFL

  ✘ 2. BDHPF

  ✔ 3. CFLXV

  ✘ 4. ABDGN

Question ID : **8161612980**

Status : **Not Answered**

Chosen Option : **--**

Q.21 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

ab _ a _ _ ba _ _ a _ _ ac

Ans ✘ 1. abccaba

  ✘ 2. cbaabcb

  ✘ 3. cabbacb

  ✔ 4. acaacba

Question ID : **8161612977**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.22 Select the number that can replace the question mark (?) in the following series.
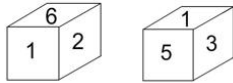
5, 9, 10, 28, 17, 65, ?

Ans ✔ 1. 26

  ✘ 2. 32

  ✘ 3. 93

  ✘ 4. 78

Question ID : **8161612970**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.23 Two different positions of the same dice are shown. Assuming that the sum of opposite faces is an odd number, select the number that will be on the face opposite to the one having the number '2'.

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

Question ID : **8161612983**
Status : **Answered**
Chosen Option : **3**

Q.24 In a certain code language, BOARD is written as CMDNI. How will WHITE be written as in that language?

Ans
- ✗ 1. VJFPZ
- ✔ 2. XFLPJ
- ✗ 3. XJMQZ
- ✗ 4. VFJQB

Question ID : **8161612973**
Status : **Answered**
Chosen Option : **2**

Q.25 In a certain code language, SYNC is coded as 4417 and MINT is coded as 2234. How will NOSE be coded as in that language?

Ans
- ✗ 1. 5729
- ✗ 2. 3419
- ✔ 3. 2924
- ✗ 4. 1758

Question ID : **8161612974**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Q.1 If $tan\theta + cot\theta = 6$, then find the value of $tan^2\theta + cot^2\theta$.

Ans
- ✗ 1. 24
- ✗ 2. 36
- ✗ 3. 26
- ✔ 4. 34

Question ID : **8161613008**
Status : **Answered**
Chosen Option : **2**

Q.2 In a bag, white marbles and red marbles are in the ratio of 3 : 5. If the number of red marbles are 150, then how many white marbles are there?

Ans
✗ 1. 60
✗ 2. 30
✗ 3. 120
✓ 4. 90

Question ID : **8161612997**
Status : **Answered**
Chosen Option : **4**

Q.3 A student multiplied a number with $\frac{3}{4}$ instead of $\frac{4}{3}$. What is the error percentage?

Ans
✗ 1. 67.45%
✓ 2. 43.75%
✗ 3. 59.67%
✗ 4. 39.34%

Question ID : **8161612995**
Status : **Answered**
Chosen Option : **3**

Q.4 The breadth of a rectangle is four times of its length. If the area of the rectangle is 1764, then what is the breadth of the rectangle?
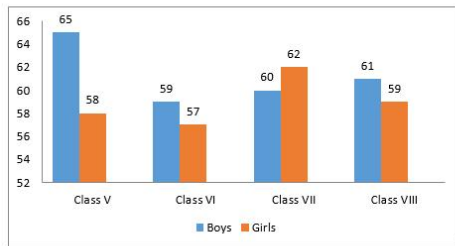
Ans
✗ 1. 21
✗ 2. 56
✗ 3. 44
✓ 4. 84

Question ID : **8161612992**
Status : **Answered**
Chosen Option : **4**

Q.5 The following graph shows the number of boys and girls in Class V, Class VI, Class VII and Class VIII. Study the graph and answer the question.

What is the average number of girls in all the classes?

Ans
✔ 1. 59
✘ 2. 58
✘ 3. 60
✘ 4. 57

Question ID : **8161613013**
Status : **Answered**
Chosen Option : **1**

Q.6 The following graph shows the number of boys and girls in Class V, Class VI, Class VII and Class VIII. Study the graph and answer the question.
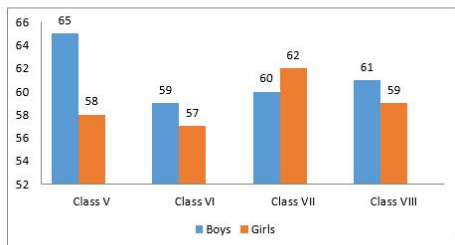
In which class, the percentage increase in the number of boys as compared to its previous class is least?

Ans
✘ 1. Class VI
✘ 2. Class V
✘ 3. Class VII
✔ 4. Class VIII

Question ID : **8161613012**
Status : **Answered**
Chosen Option : **3**

Q.7 The average of sales of a furniture shop in the years 2015, 2016, 2017, 2018 is ₹16300, and that for years 2016, 2017, 2018, 2019 is ₹18450. If the sales in 2019 are ₹9200, then what are the sales in 2015?

Ans
✘ 1. ₹865
✘ 2. ₹560
✔ 3. ₹600
✘ 4. ₹768

Question ID : **8161612993**
Status : **Not Answered**
Chosen Option : **--**

Q.8 A car is running at a speed of 64 km/h to cover a certain distance in 40 min. At what speed should the car run to reduce the time of the journey to 30 min?

Ans
✗ 1. 74.65 km/h

✗ 2. 84.78 km/h

✗ 3. 54 km/h

✓ 4. 85.33 km/h

Question ID : **8161612991**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.9 What is the least 5-digit number that is divisible 91?

Ans
✓ 1. 10010

✗ 2. 10283

✗ 3. 10101

✗ 4. 10192

Question ID : **8161613006**

Status : **Answered**

Chosen Option : **1**

Q.10 Find the value of $\sin^2 35 + \sin^2 55$.

Ans
✓ 1. 1

✗ 2. 0

✗ 3. $\frac{1}{2}$

✗ 4. -1

Question ID : **8161613010**

Status : **Answered**

Chosen Option : **1**

Q.11 Find the equation of a circle whose diameter has end points $(4, 3)$ and $(-2, 1)$.

Ans
✗ 1. $x^2 + y^2 - 2x - 4y = 3$

✗ 2. $x^2 + y^2 - 6x + 2y = 3$

✗ 3. $x^2 + y^2 - 2x + 4y = 5$

✓ 4. $x^2 + y^2 - 2x - 4y = 5$

Question ID : **8161613000**

Status : **Not Answered**

Chosen Option : **--**

Q.12 If $\sin x = \dfrac{2}{3}$, then find the value of Cos 3x.

Ans

✗ 1. 0.6735

✗ 2. 0.5678

✗ 3. −0.8765

✔ 4. −0.5797

Question ID : **8161613009**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.13 In how many years and months will a sum of ₹24 becomes ₹56 at 16% simple interest per annum?

Ans

✗ 1. 7 years 8 months

✗ 2. 6 years 11 months

✗ 3. 6 years 5 months

✔ 4. 8 years 4 months

Question ID : **8161612998**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.14 A can do a work in 12 days and B can do the same work in 16 days. If they work on it together for 4 days, then the fraction of the work that is left is:
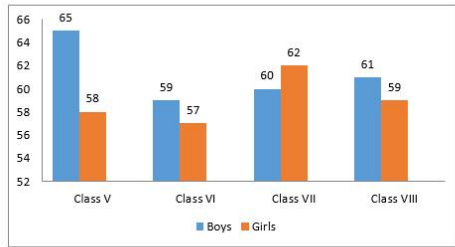
Ans

✗ 1. $\dfrac{7}{8}$

✗ 2. $\dfrac{9}{16}$

✔ 3. $\dfrac{5}{12}$

✗ 4. $\dfrac{3}{5}$

Question ID : **8161612990**

Status : **Answered**

Chosen Option : **3**

Q.15 The following graph shows the number of boys and girls in Class V, Class VI, Class VII and Class VIII. Study the graph and answer the question.

What is the overall percentage increase in boys when compared to girls? (Correct to two decimal places)

Ans
   ✗ 1. 5.67%

   ✗ 2. 6.12%

   ✗ 3. 4.75%

   ✓ 4. 3.67%

Question ID : **8161613014**
Status : **Answered**
Chosen Option : **4**

Q.16 If $x = 2 + \sqrt{3}$, then find the value of $x^4 - 8x^3 + 16x^2$.

Ans
   ✗ 1. 0

   ✗ 2. 2

   ✓ 3. 1

   ✗ 4. −1

Question ID : **8161613003**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In a grocery store, an item with an MRP of ₹1,100 is on a discount counter with a special price of ₹979. What is the percentage of discount given for that item?

Ans
   ✗ 1. 9%

   ✓ 2. 11%

   ✗ 3. 10%

   ✗ 4. 12%

Question ID : **8161612994**
Status : **Answered**
Chosen Option : **2**

Q.18 The difference between two numbers is 3 and the difference between their cubes is 999. Find the difference between their squares.

Ans   ✗ 1. 36

   ✓ 2. 63

   ✗ 3. 18

   ✗ 4. 81

Question ID : **8161613005**
Status : **Not Answered**
Chosen Option : **--**

Q.19 If a saree is sold for ₹3,060, the seller will face 15% loss, at what price should he sell the saree to gain a 20% profit?

Ans   ✗ 1. ₹3,600
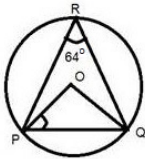
   ✗ 2. ₹3,440

   ✓ 3. ₹4,320

   ✗ 4. ₹4,650

Question ID : **8161612996**
Status : **Answered**
Chosen Option : **3**

Q.20 In the given figure O is the centre of the circle. If angle PRQ =64°, then what is the measure of angle OPQ?
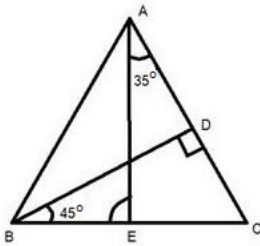

Ans   ✗ 1. 32°

   ✓ 2. 26°

   ✗ 3. 60°

   ✗ 4. 64°

Question ID : **8161612999**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In the given figure BD perpendicular to AC then what will be the measure of angle AEB?

Ans

✗ 1. 45°

✗ 2. 100°

✗ 3. 60°

✔ 4. 80°

Question ID : **8161613002**
Status : **Answered**
Chosen Option : **4**

Q.22 एक त्रिभुज के कोण 3 : 4 : 5 के अनुपात में हैं। यह त्रिभुज _____ है।

Ans

✗ 1. समकोण त्रिभुज

✔ 2. न्यून कोण त्रिभुज

✗ 3. अधिककोण त्रिभुज

✗ 4. समद्विबाहु त्रिभुज

Question ID : **8161613001**
Status : **Answered**
Chosen Option : **3**

Q.23 The sum of two numbers is 47 and their product is 550. Find the sum of their squares.

Ans

✗ 1. 876

✗ 2. 986

✔ 3. 1109

✗ 4. 1209

Question ID : **8161613004**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Find the positive number which when decreased by 20 is equal to 2925 times the reciprocal of the number.
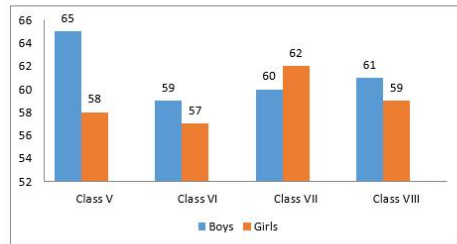
Ans

  ✔ 1. 65

  ✘ 2. 55

  ✘ 3. 45

  ✘ 4. 35

Question ID : **8161613007**

Status : **Not Answered**

Chosen Option : **--**

Q.25 The following graph shows the number of boys and girls in Class V, Class VI, Class VII and Class VIII. Study the graph and answer the question.

Which class has the maximum number of students?

Ans

  ✘ 1. Class VI

  ✘ 2. Class VIII

  ✔ 3. Class V

  ✘ 4. Class VII

Question ID : **8161613011**

Status : **Answered**

Chosen Option : **3**

Section : **General Awareness**

Q.1 _____ was an important member of the Hindustan Republican Association, who along with his associates executed the train dacoity at Kakori.

Ans

  ✔ 1. Ashfaqulla Khan

  ✘ 2. Sohan Singh Bhakna

  ✘ 3. Khudiram Bose

  ✘ 4. Jatin Banerjee

Question ID : **8161613032**

Status : **Answered**

Chosen Option : **1**

Q.2 The centre of a cyclone is a calm area. It is called the _____ of the storm.

Ans ✘ 1. head

✔ 2. eye

✘ 3. arm

✘ 4. heart

Question ID : **8161613025**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.3 As of January 2020, who among the following has the distinction of having the highest career batting average in Twenty20 Internationals?

Ans ✘ 1. Rohit Sharma

✔ 2. Virat Kohli

✘ 3. Chris Gayle

✘ 4. Brendon McCullum

Question ID : **8161613038**

Status : **Answered**

Chosen Option : **1**

Q.4 Which of the following nations won the FIFA World Cup most number of times?

Ans ✔ 1. Brazil

✘ 2. Germany (including West Germany)

✘ 3. France

✘ 4. Argentina

Question ID : **8161613037**

Status : **Answered**

Chosen Option : **4**

Q.5 The famous Chinese traveller Hieun Tsang visited India during which Emperor's reign?

Ans ✔ 1. Harshavardhana

✘ 2. Samudragupta

✘ 3. Chandragupta I

✘ 4. Ashoka

Question ID : **8161613031**

Status : **Answered**

Chosen Option : **1**

Q.6 Which of the following consists of an electronic writing area and a special 'pen' that works with it?

Ans   ✗ 1. Trackball

  ✗ 2. Plotters

  ✗ 3. Abacus

  ✓ 4. Graphics Tablet

Question ID : **8161613015**
Status : **Answered**
Chosen Option : **4**

Q.7 Who among the following invented the aeroplane?

Ans   ✓ 1. Orville and Wilbur Wright

  ✗ 2. Auguste and Louis Lumière

  ✗ 3. Louis Pasteur and Alexander Fleming

  ✗ 4. Alexander Graham Bell

Question ID : **8161613024**
Status : **Answered**
Chosen Option : **1**

Q.8 Which of the following statements is correct?

Ans   ✗ 1. The Vice-President can dissolve the Legislative Council of a State.

  ✓ 2. The Governor can dissolve the Legislative Assembly of a State.

  ✗ 3. The President can dissolve the Rajya Sabha.

  ✗ 4. The Speaker of the Lok Sabha can dissolve the Lok Sabha.

Question ID : **8161613035**
Status : **Answered**
Chosen Option : **4**

Q.9 What is the Palk Strait?

Ans   ✗ 1. It is the boundary line between northeastern India and China.

  ✗ 2. It is the boundary line between India and Pakistan.

  ✗ 3. It is the border line between China and India in the western side.

  ✓ 4. It is a water body that separates India and Sri Lanka.

Question ID : **8161613030**
Status : **Answered**
Chosen Option : **4**

Q.10 The first Five-Year Plan's main emphasis was to improve the condition of agriculture in India. The plan began in the year:

Ans ✔ 1. 1951

✘ 2. 1952

✘ 3. 1953

✘ 4. 1949

Question ID : **8161613023**

Status : **Answered**

Chosen Option : **2**

Q.11 Which female Indian boxer won silver in the AIBA Women's World Boxing Championships in October 2019 in the light flyweight category (48 kg)?

Ans ✘ 1. Jamuna Boro

✘ 2. Lovlina Borgohain

✘ 3. MC Mary Kom

✔ 4. Manju Rani

Question ID : **8161613021**

Status : **Answered**

Chosen Option : **3**

Q.12 India is located to the North of the _____.

Ans ✔ 1. Equator

✘ 2. Tropic of Capricorn

✘ 3. Tropic of Cancer

✘ 4. Prime Meridian

Question ID : **8161613029**

Status : **Answered**

Chosen Option : **1**

Q.13 Who among the following was awarded the Nobel Prize in Literature 2019 "for an influential work that with linguistic ingenuity has explored the periphery and the specificity of human experience"?

Ans ✘ 1. Abiy Ahmed Ali

✘ 2. Olga Tokarczuk

✔ 3. Peter Handke

✘ 4. Michel Mayor

Question ID : **8161613033**

Status : **Answered**

Chosen Option : **3**

Q.14 Which of the following cities is home to one of the famous Swaminarayan Akshardham temples in India?

Ans   ✖ 1. Mysore

✖ 2. Vadodara

✔ 3. New Delhi

✖ 4. Madurai

Question ID : **8161613017**
Status : **Answered**
Chosen Option : **3**

Q.15 As of October 2019, what is the total number of wildlife sanctuaries in India?

Ans   ✖ 1. 547

✖ 2. 543

✔ 3. 551

✖ 4. 564

Question ID : **8161613028**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In which year did the Dalai Lama cross over into India and take asylum?

Ans   ✖ 1. 1962

✖ 2. 1957

✔ 3. 1959

✖ 4. 1952

Question ID : **8161613026**
Status : **Not Answered**
Chosen Option : **--**

Q.17 How many women candidates were elected to the 17th Lok Sabha?

Ans   ✖ 1. 70

✖ 2. 72

✖ 3. 76

✔ 4. 78

Question ID : **8161613020**
Status : **Not Answered**
Chosen Option : **--**

Q.18 What is the traditional bamboo dance of Mizoram called?

Ans   ✗ 1. Thang ta

✗ 2. Yak Chaam

✔ 3. Cheraw dance

✗ 4. Maanch

Question ID : **8161613018**

Status : **Not Answered**

Chosen Option : **--**

Q.19 In terms of area, which is the smallest Union Territory of India?

Ans   ✔ 1. Lakshadweep

✗ 2. Daman and Diu

✗ 3. Jammu and Kashmir

✗ 4. Ladakh

Question ID : **8161613027**

Status : **Answered**

Chosen Option : **1**

Q.20 Which of the following group of scientists was awarded the 2019 Nobel Prize in Chemistry "for the development of lithium-ion batteries"?

Ans   ✔ 1. John B Goodenough, M Stanley Whittingham and Akira Yoshino

✗ 2. Fraser Stoddart, Jean-Pierre Sauvage and Ben Feringa

✗ 3. Joachim Frank, Richard Henderson and Jacques Dubochet

✗ 4. Kip Thorne, Rainer Weiss and Barry Barish

Question ID : **8161613034**

Status : **Answered**

Chosen Option : **1**

Q.21 Reserve Bank of India, which acts as a banker to the Central Government, was established on:

Ans   ✔ 1. 1st April 1935

✗ 2. 1st April 1948

✗ 3. 1st April 1950

✗ 4. 1st April 1945

Question ID : **8161613022**

Status : **Answered**

Chosen Option : **1**

Q.22 Who among the following headed the nine-judge constitutional bench that declared the right to privacy as a fundamental right?

Ans ✗ 1. Dipak Misra

✗ 2. TS Thakur

✓ 3. JS Khehar

✗ 4. HJ Kania

Question ID : **8161613036**

Status : **Answered**

Chosen Option : **1**

Q.23 Which of the following is a very high-speed semiconductor memory which can speed up the CPU?

Ans ✗ 1. Secondary Memory

✗ 2. Main Memory

✗ 3. Primary Memory

✓ 4. Cache Memory

Question ID : **8161613016**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.24 JP Nadda was elected as the President of the Bharatiya Janata Party (BJP) on 20 January 2020. He is the _____ president of the BJP.

Ans ✗ 1. twelfth

✗ 2. tenth

✓ 3. eleventh

✗ 4. ninth

Question ID : **8161613019**

Status : **Not Answered**

Chosen Option : **--**

Q.25 Who among the following was the first recipient of the Rajiv Gandhi Khel Ratna Award?

Ans ✗ 1. Sachin Tendulkar

✓ 2. Viswanathan Anand

✗ 3. Vijay Amritraj

✗ 4. PT Usha

Question ID : **8161613039**

Status : **Answered**

Chosen Option : **3**