Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Sector 62
Exam Date	14/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

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

Q.1 **Select the option that expresses the given sentence in direct speech.**

Bharati told Rakesh to call her when he reached there.

Ans ✗ 1. "Call her when you have reached here", Bharati told Rakesh.

✗ 2. "Call me when you reached there", Bharati says to Rakesh.

✗ 3. "Call him when you are reaching there", Bharati told Rakesh.

✔ 4. "Call me when you reach there", Bharati told Rakesh.

Question ID : **8161612334**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

To restart his cash-strapped company he decided to apply for a bank loan.

Ans ✗ 1. expensive

✗ 2. improving

✔ 3. impoverished

✗ 4. expanding

Question ID : **8161612349**
Status : **Answered**
Chosen Option : **3**

Q.3 **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.**

Gitanjali did not had school yesterday because it was a second Saturday.

Ans ✗ 1. No improvement

✗ 2. does not have

✔ 3. did not have

✗ 4. was not having

Question ID : **8161612345**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the most appropriate word to fill in the blank.

Around one hundred _____ across the world participated in the conference.

Ans ✅ 1. delegates

❌ 2. intelligent

❌ 3. talents

❌ 4. clever

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.

Champaner-Pavagadh Archaeological Park, a UNESCO World Heritage Site, is located in Panchmahal district in Gujarat, India. (1)_____ is situated near the historical (2)_____ of Champaner, a city which was founded by Vanraj Chavda, the (3)_____ prominent king of the Chavda Dynasty, in the 8th century. He named it (4)_____ the name of his friend and general Champa, also known later as Champaraj. The heritage site is dotted with forts with bastions ranging (5)_____ the hills of Pavagadh, and extending into the city of Champaner.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank number 1.

Ans ❌ 1. Which

✅ 2. It

❌ 3. They

❌ 4. That

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.

Champaner-Pavagadh Archaeological Park, a UNESCO World Heritage Site, is located in Panchmahal district in Gujarat, India. (1)_____ is situated near the historical (2)_____ of Champaner, a city which was founded by Vanraj Chavda, the (3)_____ prominent king of the Chavda Dynasty, in the 8th century. He named it (4)_____ the name of his friend and general Champa, also known later as Champaraj. The heritage site is dotted with forts with bastions ranging (5)_____ the hills of Pavagadh, and extending into the city of Champaner.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank number 2.

Ans ❌ 1. garden

❌ 2. fort

✅ 3. city

❌ 4. tower

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.

Champaner-Pavagadh Archaeological Park, a UNESCO World Heritage Site, is located in Panchmahal district in Gujarat, India. (1)_____ is situated near the historical (2)_____ of Champaner, a city which was founded by Vanraj Chavda, the (3)_____ prominent king of the Chavda Dynasty, in the 8th century. He named it (4)_____ the name of his friend and general Champa, also known later as Champaraj. The heritage site is dotted with forts with bastions ranging (5)_____ the hills of Pavagadh, and extending into the city of Champaner.

SubQuestion No : 7

Q.7 **Select the most appropriate option to fill in blank number 3.**

Ans   ✗ 1. more

        ✗ 2. main

        ✔ 3. most

        ✗ 4. chief

Question ID : **8161612340**
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.

Champaner-Pavagadh Archaeological Park, a UNESCO World Heritage Site, is located in Panchmahal district in Gujarat, India. (1)_____ is situated near the historical (2)_____ of Champaner, a city which was founded by Vanraj Chavda, the (3)_____ prominent king of the Chavda Dynasty, in the 8th century. He named it (4)_____ the name of his friend and general Champa, also known later as Champaraj. The heritage site is dotted with forts with bastions ranging (5)_____ the hills of Pavagadh, and extending into the city of Champaner.

SubQuestion No : 8

Q.8 **Select the most appropriate option to fill in blank number 4.**

Ans   ✗ 1. on

        ✗ 2. from

        ✗ 3. at

        ✔ 4. after

Question ID : **8161612341**
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.

Champaner-Pavagadh Archaeological Park, a UNESCO World Heritage Site, is located in Panchmahal district in Gujarat, India. (1)_____ is situated near the historical (2)_____ of Champaner, a city which was founded by Vanraj Chavda, the (3)_____ prominent king of the Chavda Dynasty, in the 8th century. He named it (4)_____ the name of his friend and general Champa, also known later as Champaraj. The heritage site is dotted with forts with bastions ranging (5)_____ the hills of Pavagadh, and extending into the city of Champaner.

SubQuestion No : 9

Q.9   Select the most appropriate option to fill in blank number 5.

Ans   ✔ 1. from

          ✘ 2. above

          ✘ 3. away

          ✘ 4. to

Question ID : **8161612342**
Status : **Answered**
Chosen Option : **1**

Q.10   Select the word which means the same as the group of words given.

Act of giving up the throne

Ans   ✔ 1. Abdication

          ✘ 2. Abandonment

          ✘ 3. Renunciation

          ✘ 4. Resignation

Question ID : **8161612354**
Status : **Answered**
Chosen Option : **1**

Q.11   Select the word which means the same as the group of words given.

A person who is blamed for something that someone else has done

Ans   ✘ 1. Competitor

          ✔ 2. Scapegoat

          ✘ 3. Enemy

          ✘ 4. Opponent

Question ID : **8161612353**
Status : **Answered**
Chosen Option : **2**

Q.12 Identify the segment in the sentence, which contains the grammatical error.

Yesterday I searched in every my cupboard for the shirt I couldn't find.

Ans ✔ 1. in every my cupboard

✘ 2. I couldn't find

✘ 3. for the shirt

✘ 4. Yesterday I searched

Question ID : **8161612336**

Status : **Answered**

Chosen Option : **1**

Q.13 Select the most appropriate ANTONYM of the given word.

NEAT

Ans ✔ 1. Messy

✘ 2. Sharp

✘ 3. Strong

✘ 4. Clear

Question ID : **8161612347**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the correctly spelt word.

Ans ✘ 1. Wisdum

✔ 2. Witness

✘ 3. Wimper

✘ 4. Welth

Question ID : **8161612351**

Status : **Answered**

Chosen Option : **2**

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

RESPONSIBLE

Ans ✘ 1. disresponsible

✘ 2. unresponsible

✘ 3. illresponsible

✔ 4. irresponsible

Question ID : **8161612348**

Status : **Answered**

Chosen Option : **4**

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

MANDIBLE

Ans ✅ 1. Jaw

❌ 2. Human

❌ 3. Glory

❌ 4. Praise

Question ID : **8161612356**

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.

The firing of the missile <u>not only killed innocent persons and also</u> created political furore.

Ans ❌ 1. No improvement

✅ 2. not only killed innocent persons but also

❌ 3. but killed innocent person and also

❌ 4. not only kill innocent persons and also

Question ID : **8161612346**

Status : **Answered**

Chosen Option : **2**

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

Pull yourself together

Ans ❌ 1. Use a rope ladder

✅ 2. Regain composure

❌ 3. Talk about fitness

❌ 4. Be friendly with everyone

Question ID : **8161612350**

Status : **Answered**

Chosen Option : **2**

Q.19 Select the option that expresses the given sentence in passive voice.

Sujata shared the results of her experiment with her colleagues.

Ans ❌ 1. Her colleagues shared the results of her experiment with Sujata.

❌ 2. The results of her experiment are being shared with her colleagues by Sujata.

❌ 3. The results of her experiment can be shared with her colleagues by Sujata.

✅ 4. The results of her experiment were shared with her colleagues by Sujata.

Question ID : **8161612333**

Status : **Answered**

Chosen Option : **4**

Q.20 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Then he would give one leap, two leaps, through the snow, and sit up again on his hind legs and look all around.
B. A grey hare lived in the woods near a village.
C. Then he would prick up the other, jerk his whiskers, snuff, and sit up on his hind legs.
D. During the winter, when night came, he would prick up one ear and listen.

Ans ✗ 1. BCDA

✔ 2. BDCA

✗ 3. ABCD

✗ 4. CDBA

Question ID : **8161612343**

Status : **Answered**

Chosen Option : **2**

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

AURA

Ans ✗ 1. Shriek

✗ 2. Noise

✗ 3. Colour

✔ 4. Halo

Question ID : **8161612355**

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

Chosen Option : **--**

Q.22 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. According to the EPR, the corporation expects such manufacturers to develop a collect back system for plastic waste.
B. The Municipal Corporation has introduced the extended producers responsibility (EPR) for producers and generators of plastic waste.
C. The producers are persons engaged in manufacture, or import of carry bags, multi-layered packaging and sheets, and persons using them.
D. They must formulate a plan to collect re-usable waste generated from their products within a prescribed timeframe.

Ans ✗ 1. DBCA

✔ 2. BCAD

✗ 3. CADB

✗ 4. ACBD

Question ID : **8161612344**

Status : **Answered**

Chosen Option : **2**

Q.23 Select the INCORRECTLY spelt word.

Ans ✗ 1. Belligerent

✗ 2. Pharmaceutical

✗ 3. Trousseau

✔ 4. Tumulttous

Question ID : **8161612352**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the most appropriate option to fill in the blank.

According to experts, some sectors remain _____ during these difficult times, including banking and financial services, FMCG, food and technology.

Ans ✗ 1. redundant

✔ 2. resilient

✗ 3. repentant

✗ 4. repugnant

Question ID : **8161612358**
Status : **Answered**
Chosen Option : **2**

Q.25 Identify the segment in the sentence, which contains the grammatical error.

Despite of her tiredness Meera went into the kitchen to make some dinner for the children.

Ans ✔ 1. Despite of her tiredness

✗ 2. Meera went into the kitchen

✗ 3. to make some dinner

✗ 4. for the children

Question ID : **8161612335**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

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

Ans ✔ 1. Amplify

✗ 2. Gun

✗ 3. Axe

✗ 4. Microscope

Question ID : **8161612375**
Status : **Answered**
Chosen Option : **1**

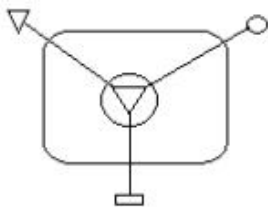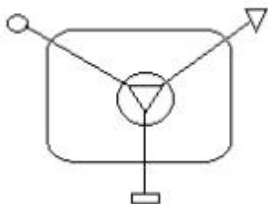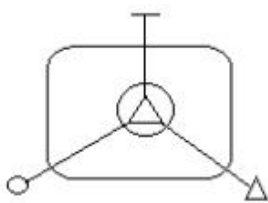**Q.2** Select the correct mirror image of the given figure.

MIRROR

Ans

1. ✔

2. ✘

3. ✘

4. ✘
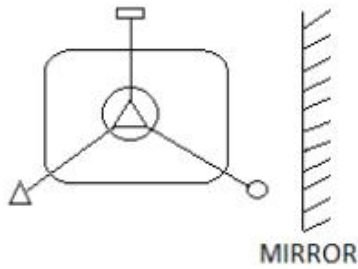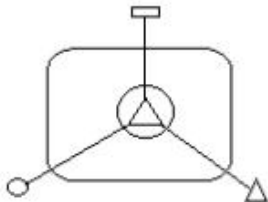
Q.3 If O = 20, LIT = 46, how will PIG be coded using the same code language?

Ans ✔ 1. 37

✘ 2. 53

✘ 3. 41

✘ 4. 46

Q.4 In a sale, the price of sarees was ₹700 each whereas the price of sandals was ₹500 each. A lady spent a total of ₹3,800 on both the items. Find the number of sarees she bought.

Ans
   ✗ 1. 1

   ✗ 2. 3

   ✔ 3. 4

   ✗ 4. 2

Question ID : **8161612359**
Status : **Answered**
Chosen Option : **3**

Q.5 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. No butter is jam.

2. Banana is a butter.

Conclusions:

I. Banana is not a jam.

II. Banana may or may not be a jam.

Ans
   ✗ 1. Neither conclusions I nor II follows.

   ✗ 2. Only conclusion II follows.

   ✔ 3. Only conclusion I follows.

   ✗ 4. Both conclusions I and II follow.

Question ID : **8161612376**
Status : **Answered**
Chosen Option : **3**

Q.6 If '+' means 'divided by'. ' — ' means 'add', '×' means 'minus' and '÷' means 'multiplied by', what will be the value of the following expression?

$[\{(12 \times 8) - (2 \div 3)\} + (3 - 2)] \div 2$

Ans
   ✗ 1. 12

   ✗ 2. 5

   ✗ 3. 3

   ✔ 4. 4

Question ID : **8161612360**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

44 : 408

Ans
✔ 1. 53 : 489
✘ 2. 82 : 740
✘ 3. 77 : 715
✘ 4. 61 : 549

Question ID : **8161612361**
Status : **Answered**
Chosen Option : **2**

Q.8 Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.
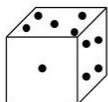
Ans
✘ 1. QTP
✔ 2. CGF
✘ 3. MPL
✘ 4. DGC

Question ID : **8161612374**
Status : **Answered**
Chosen Option : **2**

Q.9 In a dice 1,2,3 and 4 dots are on the adjacent faces, in a clockwise order, and 5 and 6 dots at the top and bottom. When 1 dot is at the top, then what number of dots will be at the bottom?

Ans
✘ 1. 6
✔ 2. 3
✘ 3. 4
✘ 4. 2

Question ID : **8161612377**
Status : **Answered**
Chosen Option : **1**

Q.10 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

6	4	100
7	5	144
9	?	169

Ans

✗ 1. 7

✗ 2. 6

✔ 3. 4

✗ 4. 3

Q.11 Select the option in which the given figure is embedded. (Rotation is not allowed)

Ans

✗ 1.

✗ 2.

✗ 3.
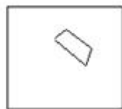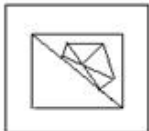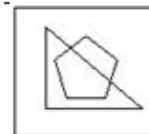
✔ 4.

Q.12 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.

TALP : UXQO : : DUXR : ?

Ans ❌ 1. FSDR

❌ 2. ESBQ

❌ 3. FQBP

✅ 4. ERCQ

Question ID : 8161612369
Status : **Answered**
Chosen Option : **4**

Q.13 Select the number that can replace the question mark (?) in the following series.

216, ? , 64, 27, 8

Ans ❌ 1. 144

❌ 2. 121

✅ 3. 125

❌ 4. 169

Question ID : 8161612364
Status : **Answered**
Chosen Option : **3**

Q.14 Select the combination of letters that when sequentially placed from left to right in the gaps of the given letter series will complete the series.
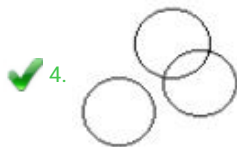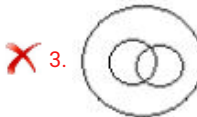
_ k _ _ mmk _ ikiim _ _ ki _ i _ _ mkk

Ans ❌ 1. kiikmkkik

❌ 2. iikimimmk

✅ 3. iiikmkkim

❌ 4. miikmkiim

Question ID : 8161612371
Status : **Answered**
Chosen Option : **4**

Q.15 Select the Venn diagram that best represents the relationship between the following classes.

Sisters, Mothers, Men.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : 8161612383
Status : **Answered**
Chosen Option : **4**

Q.16 If A is the mother of B, X is the father of Y, H is the brother of J, L is the brother of Y's father, B is the sister of L and J is the husband of A, then how is J related to Y?

Ans

✔ 1. Paternal grandfather

✗ 2. Nephew

✗ 3. Son-in-law

✗ 4. Son

Question ID : 8161612372
Status : **Answered**
Chosen Option : **1**

Q.17 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Temple: Church

Ans

✗ 1. Hotel : Office

✔ 2. College : University

✗ 3. College : Theatre

✗ 4. University : Student

Question ID : 8161612370
Status : **Answered**
Chosen Option : **2**

Q.18 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. Deci

2. Mili
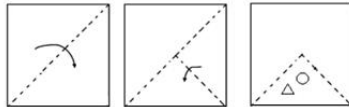
3. Kilo

4. Hecto

5. Centi

6. Deca

Ans ✗ 1. 2, 1, 5, 6, 4, 3

✗ 2. 4, 3, 5, 1, 2, 6

✔ 3. 2, 5, 1, 6, 4, 3

✗ 4. 1, 2, 6, 5, 4, 3

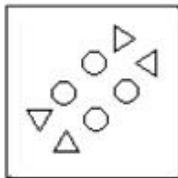Question ID : **8161612366**
Status : **Marked For Review**
Chosen Option : **3**

Q.19 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?
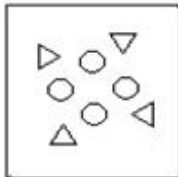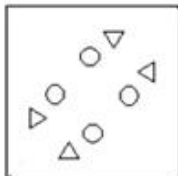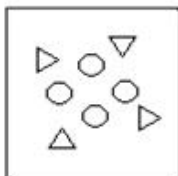

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **8161612381**
Status : **Marked For Review**
Chosen Option : **1**

Q.20 In a certain code language, if 'BURMUD' is written as 'RKHCKT', then how will 'ANGLE' be written as in that language?

Ans ✗ 1. REXCV

✗ 2. HOPLY

✗ 3. PCVAT

✔ 4. QDWBU

Question ID : **8161612367**
Status : **Answered**
Chosen Option : **4**

Q.21 How many squares are there in the following figure?
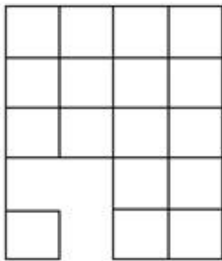
Ans ✔ 1. 27

✗ 2. 28

✗ 3. 26

✗ 4. 25

Question ID : **8161612379**
Status : **Marked For Review**
Chosen Option : **3**

Q.22 If '+' means '÷'; '×' means '+'; '÷' means '-' and '-' means '×'. Then what will be the value of the following expression?

18 + 3 - 5 × 6 ÷4

Ans ✗ 1. 15.5

✗ 2. 30

✔ 3. 32

✗ 4. 13.5

Question ID : **8161612362**
Status : **Answered**
Chosen Option : **3**

Q.23 Four number pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans
- ✗ 1. 13 - 16
- ✗ 2. 32 - 45
- ✗ 3. 12 - 15
- ✔ 4. 16 - 30

Q.24 Select the word-pair in which the two words are related in the same way as are the words in the following word-pair.

Paper : Pulp

Ans
- ✗ 1. Pear : Fruit
- ✔ 2. Linen : Flax
- ✗ 3. Fan : Blade
- ✗ 4. Road : Latex

Q.25 Select the figure that will come next in the following figure series.

Ans

- ✔ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Q.1 The compound interest on ₹4,000 at the rate of 5% p.a. is ₹630.50, then the time period is:

Ans ✗ 1. $3\frac{1}{2}$ years

✔ 2. 3 years

✗ 3. $1\frac{1}{2}$ years

✗ 4. 2 years

Question ID : **8161612392**
Status : **Answered**
Chosen Option : **2**

Q.2 If $tanx = \frac{3}{2}$, then the value of $\frac{3sinx+2cosx}{3sinx-2cosx}$ is :

Ans ✗ 1. 5

✗ 2. $\frac{5}{13}$

✔ 3. $\frac{13}{5}$

✗ 4. $\frac{1}{5}$

Question ID : **8161612403**
Status : **Answered**
Chosen Option : **3**

Q.3 The value of $4 + [3\{35 + (42 + 10 \div 2 \times 3 - 40)\} + 7]$ is :

Ans ✔ 1. 167

✗ 2. 163

✗ 3. 185

✗ 4. 157

Question ID : **8161612401**
Status : **Answered**
Chosen Option : **1**

Q.4 The areas of two similar triangles are 324 cm^2 and 225 cm^2. If the altitude of the smaller triangle is 10 cm, then the altitude of the bigger triangle in centimetres, is:

Ans ✗ 1. 16

✗ 2. 14

✗ 3. 18

✔ 4. 12

Question ID : **8161612396**
Status : **Answered**
Chosen Option : **4**

Q.5 A boat covered a distance of 15 km upstream in 5 hours and a distance of 42 km downstream in 6 hours. The speed of the stream in km/h is:

Ans
  ✓ 1. 2
  ✗ 2. 3
  ✗ 3. 1.5
  ✗ 4. 2.5

Question ID : **8161612385**
Status : **Answered**
Chosen Option : **1**

Q.6 If $sec\theta$ and $sin\theta$ $(0 < \theta < 90)$ are the roots of the equation $\sqrt{6}x^2 - kx + \sqrt{6} = 0$, then the value of k is:

Ans
  ✓ 1. $3\sqrt{3}$
  ✗ 2. $2\sqrt{3}$
  ✗ 3. $\sqrt{3}$
  ✗ 4. $3\sqrt{2}$

Question ID : **8161612404**
Status : **Marked For Review**
Chosen Option : **1**

Q.7 The cost price of 12 pens is equal to the selling price of 8 pens. The profit percentage is:

Ans
  ✓ 1. 50%
  ✗ 2. 45%
  ✗ 3. 40%
  ✗ 4. 55%

Question ID : **8161612390**
Status : **Answered**
Chosen Option : **1**

Q.8 The length and breadth of a cuboid are increased by 10% and 20%, respectively, and its height is decreased by 20%. The percentage increase in the volume of the cuboid is:

Ans
  ✗ 1. $5\frac{2}{5}\%$
  ✗ 2. $5\frac{4}{5}\%$
  ✓ 3. $5\frac{3}{5}\%$
  ✗ 4. $5\frac{1}{5}\%$

Question ID : **8161612389**
Status : **Answered**
Chosen Option : **3**

Q.9 If $\cos x = \frac{24}{25}, 0 \le x \le 90°$, then the value of $\cot x + \csc x$ is:

Ans ✗ 1. 1

✗ 2. $\frac{7}{2}$

✔ 3. 7

✗ 4. 0

Q.10 The given bar graph represents the number of students admitted in four schools (S1, S2, S3, S4) during two consecutive years 2017 and 2018.
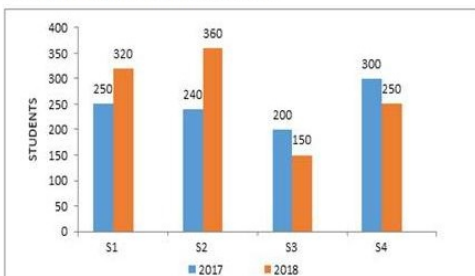
What is the average number of students admitted to all schools in 2018?

Ans ✗ 1. 280

✗ 2. 275

✗ 3. 290

✔ 4. 270

Q.11 $(a + 2b)^2 - (a - 2b)^2$ is equal to:

Ans ✗ 1. $10ab$

✗ 2. $4ab$

✔ 3. $8ab$

✗ 4. $6ab$

Q.12 In an equilateral triangle, the value of each exterior angle is:

Ans ✔ 1. 120°
 ✘ 2. 100°
 ✘ 3. 140°
 ✘ 4. 130°

Q.13 If $x : y = 3 : 2$ and $x + y = 90$. Then the value $7 (x - y) : (x + y)$ is:

Ans ✘ 1. 7 : 6
 ✘ 2. 7 : 9
 ✘ 3. 2 : 3
 ✔ 4. 7 : 5

Q.14 The radius of a circular cylinder is 5 cm and its height is 14 cm. Then the volume of cylinder in cm³ is:

$(Take \, \pi = \frac{22}{7})$

Ans ✘ 1. 1254
 ✔ 2. 1100
 ✘ 3. 1120
 ✘ 4. 1504

Q.15 Find the values of x for the given equation $3x^2 + 5x - 2 = 0$

Ans ✘ 1. −3 and −2
 ✘ 2. 3 and $-\frac{1}{2}$
 ✘ 3. 2 and −3
 ✔ 4. −2 and $\frac{1}{3}$

Q.16 The given bar graph represents the number of students admitted in four schools (S1, S2, S3, S4) during two consecutive years 2017 and 2018.
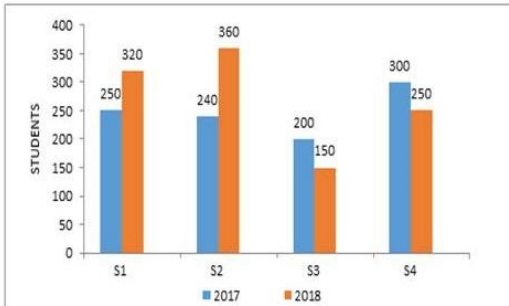
What percentage is the average admission of schools S3 and S4 in 2018 of the average admission of schools S1 and S2 in 2017?

Ans ✗ 1. 82.00%

✔ 2. 81.63%

✗ 3. 81.00%

✗ 4. 82.63%

Question ID : **8161612408**
Status : **Answered**
Chosen Option : **2**

Q.17 The given bar graph represents the number of students admitted in four schools (S1, S2, S3, S4) during two consecutive years 2017 and 2018.
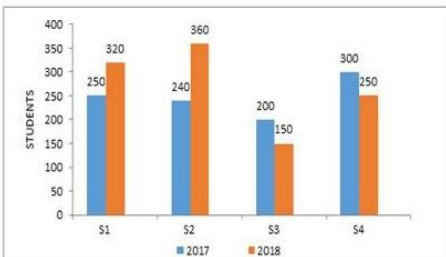
The ratio between total number of students admitted in the four schools in 2017 to the total number of students admitted in the four schools in 2018 is:

Ans ✗ 1. 11 : 13

✗ 2. 12 : 11

✔ 3. 11 : 12

✗ 4. 13 : 11

Question ID : **8161612405**
Status : **Answered**
Chosen Option : **3**

Q.18 Tap A can fill a tank in 20 hours and tap B can fill the same tank in 30 hours. If both taps are opened together, then how much time will be taken to fill the tank?

Ans
✔ 1. 12 hours

✘ 2. 10 hours

✘ 3. 24 hours

✘ 4. 16 hours

Question ID : **8161612384**
Status : **Answered**
Chosen Option : **1**

Q.19 Two tangents AP and AQ are drawn to a circle with centre O from an external point A, where P and Q are points on the circle. If AP = 12 cm and ∠PAQ = 60°, then the length of chord PQ is:

Ans
✘ 1. 10 cm

✘ 2. 24 cm

✔ 3. 12 cm

✘ 4. 16 cm

Question ID : **8161612394**
Status : **Answered**
Chosen Option : **3**

Q.20 The given bar graph represents the number of students admitted in four schools (S1, S2, S3, S4) during two consecutive years 2017 and 2018.
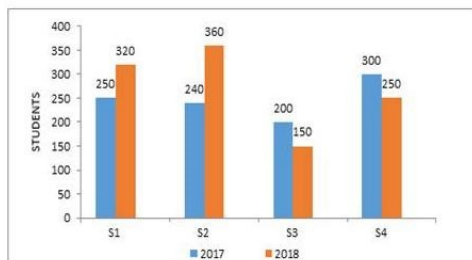
The total number of students admitted in school S3 for both years is approximately what percent of total student admitted in school S2 for both years?

Ans
✔ 1. 58.33%

✘ 2. 52.33%

✘ 3. 54.33%

✘ 4. 48.33%

Question ID : **8161612407**
Status : **Answered**
Chosen Option : **1**

Q.21 If $2x^3 + ax^2 + bx - 2$ leaves the remainders 7 and 0 when divided by $(2x - 3)$ and $(x + 2)$, respectively, then the values of a and b are respectively:

Ans ✗ 1. $2; -2$

✓ 2. $3; -3$

✗ 3. $-3; 3$

✗ 4. $-2; 2$

Question ID : **8161612399**
Status : **Answered**
Chosen Option : **2**

Q.22 If the cost price of a book after 10% discount is ₹486, then the marked price of the book is:

Ans ✗ 1. ₹580

✗ 2. ₹560

✗ 3. ₹600

✓ 4. ₹540

Question ID : **8161612388**
Status : **Answered**
Chosen Option : **4**

Q.23 Which are the two nearest numbers to 19,596, divisible by 9?

Ans ✗ 1. 19,611; 19,575

✓ 2. 19,593; 19,602

✗ 3. 19,564; 19,620

✗ 4. 19,509; 19,611

Question ID : **8161612400**
Status : **Answered**
Chosen Option : **2**

Q.24 Two tangents AP and AQ are drawn to a circle with centre O from an external point A, where P and Q are points on the circle. If the ∠PAQ = 70°, then the ∠AOP is equal to:

Ans ✗ 1. $45°$

✓ 2. $55°$

✗ 3. $60°$

✗ 4. $50°$

Question ID : **8161612393**
Status : **Answered**
Chosen Option : **2**

Q.25 Six years ago, the average of the ages of Ravi, Mohan and Govind was 32 years. If Shyam joins them now, the average of the ages of all four of them is 36 years. The present age of Shyam is:

Ans ✗ 1. 40 years

✗ 2. 32 years

✗ 3. 35 years

✔ 4. 30 years

Question ID : **8161612387**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Which of the following teams won the 'FIH Series Finals Hockey Tournament' in June 2019?

Ans ✗ 1. Spain

✗ 2. Germany

✔ 3. India

✗ 4. Pakistan

Question ID : **8161612431**
Status : **Answered**
Chosen Option : **1**

Q.2 As of January 2020, who among the following was the Chief Election Commissioner of India?

Ans ✗ 1. HS Brahma

✗ 2. Om Prakash Rawat

✗ 3. VS Sampath

✔ 4. Sunil Arora

Question ID : **8161612413**
Status : **Answered**
Chosen Option : **2**

Q.3 Who among the following is NOT an Indian weightlifter?

Ans ✔ 1. Dipika Pallikal

✗ 2. Mirabai Chanu

✗ 3. Rakhi Haldar

✗ 4. Karnam Malleswari

Question ID : **8161612433**
Status : **Answered**
Chosen Option : **1**

Q.4 In which of the following years did Mahatma Gandhi launch Champaran Satyagraha?

Ans ✔ 1. 1917

✘ 2. 1922

✘ 3. 1927

✘ 4. 1914

Question ID : **8161612425**
Status : **Answered**
Chosen Option : **1**

Q.5 Who among the following won the 'Man-of-the-Match' award in the series-deciding third ODI in the three-match ODI series played between India and Australia in January 2020?

Ans ✘ 1. David Warner

✘ 2. Steven Smith

✔ 3. Rohit Sharma

✘ 4. Virat Kohli

Question ID : **8161612432**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following blood groups is called the 'Universal Receiver'?

Ans ✘ 1. A+

✘ 2. O+

✘ 3. O−

✔ 4. AB+

Question ID : **8161612418**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following is a lever that can be moved in several directions to control the movement of an image on a computer monitor or similar display screen?

Ans ✘ 1. MIDI Devices

✘ 2. Optical Mark Reader

✘ 3. Visual Display Unit

✔ 4. Joystick

Question ID : **8161612409**
Status : **Answered**
Chosen Option : **4**

Q.8 Which of the following Himalayan regions is known as 'Shivaliks'?

Ans   ✔️ 1. Outer Himalayas

       ❌ 2. Lesser Himalayas

       ❌ 3. Greater Himalayas

       ❌ 4. Inner Himalayas

Question ID : **8161612422**
Status : **Answered**
Chosen Option : **2**

Q.9 Which of the following statements is NOT true about compounds?

Ans   ✔️ 1. Compounds have a variable composition.

       ❌ 2. Elements react to form new compounds.

       ❌ 3. The composition of each new substance is always fixed.

       ❌ 4. The constituents can be separated only by chemical or electrochemical reactions.

Question ID : **8161612419**
Status : **Answered**
Chosen Option : **1**

Q.10 The _____ layer is the upper limit of our atmosphere. It extends from the top of the thermosphere up to 10,000 km (6,200 miles).

Ans   ❌ 1. Mesosphere

       ✔️ 2. Exosphere

       ❌ 3. Troposphere

       ❌ 4. Ionosphere

Question ID : **8161612423**
Status : **Answered**
Chosen Option : **2**

Q.11 'Mohiniyattam', is a traditional dance which originated in the state of _____ in India.

Ans   ❌ 1. West Bengal

       ❌ 2. Andhra Pradesh

       ✔️ 3. Kerala

       ❌ 4. Assam

Question ID : **8161612411**
Status : **Answered**
Chosen Option : **3**

Q.12 Who among the following won the 'BBC Sports Personality of the Year 2019' award?

Ans ✔ 1. Ben Stokes

✘ 2. Ken Williamson

✘ 3. Kylian Mbappe

✘ 4. Wayne Rooney

Question ID : **8161612427**

Status : **Answered**

Chosen Option : **1**

Q.13 Who among the following won the '2019 Man Booker International Prize' for her book 'Celestial Bodies'?

Ans ✘ 1. Anna Burns

✘ 2. Arundhati Roy

✘ 3. Salman Rushdie

✔ 4. Jokha Alharthi

Question ID : **8161612428**

Status : **Answered**

Chosen Option : **1**

Q.14 Which of the following best defines Net National Income?

Ans ✘ 1. GDP – Depreciation

✔ 2. GNP – Depreciation

✘ 3. NDP – Depreciation

✘ 4. GNP + Depreciation

Question ID : **8161612417**

Status : **Marked For Review**

Chosen Option : **3**

Q.15 Ram Nath Kovind assumed office as the _____ President of India on 25th July 2017.

Ans ✔ 1. 14th

✘ 2. 13th

✘ 3. 15th

✘ 4. 12th

Question ID : **8161612430**

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

Chosen Option : **--**

Q.16 Which of the following is NOT a good conductor of electricity?

Ans ✗ 1. Copper

✓ 2. Bromine

✗ 3. Silver

✗ 4. Graphite

Question ID : **8161612420**

Status : **Marked For Review**

Chosen Option : **4**

Q.17 Who among the following can be removed by the process of impeachment?

Ans ✗ 1. The Governor of India

✗ 2. The Prime Minister of India

✓ 3. The President of India

✗ 4. The Chief Minister of India

Question ID : **8161612429**

Status : **Answered**

Chosen Option : **3**

Q.18 Which of the following converts analogue information into digital form?

Ans ✗ 1. Barcode reader

✗ 2. Optical Mark Reading

✓ 3. Digitizer

✗ 4. Gamepad

Question ID : **8161612410**

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

Chosen Option : **--**

Q.19 The patriotic song 'Sare Jahan Se Accha' was composed by:

Ans ✗ 1. Bankim Chandra Chatterjee

✗ 2. Rabindranath Tagore

✓ 3. Allama Muhammad Iqbal

✗ 4. Bismil Azimabadi

Question ID : **8161612412**

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

Chosen Option : **--**

Q.20 Which of the following is an economic system in which capital goods are owned by private individuals or businesses and the production of goods and services is based on supply and demand in the general market?

Ans ✗ 1. Mixed Economy

✗ 2. State Economy

✓ 3. Capitalistic Economy

✗ 4. Communist Economy

Question ID : **8161612416**

Status : **Answered**

Chosen Option : **3**

Q.21 Which of the following nations has the most powerful passport in the world as per 'Henley Passport Index 2020'?

Ans ✓ 1. Japan

✗ 2. USA

✗ 3. China

✗ 4. UK

Question ID : **8161612414**

Status : **Answered**

Chosen Option : **1**

Q.22 Who among the following was elected as the President of the Indian National Congress in the years 1938 and 1939?

Ans ✗ 1. Rajendra Prasad

✓ 2. Subhash Chandra Bose

✗ 3. C Rajagopalachari

✗ 4. Annie Besant

Question ID : **8161612426**

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

Chosen Option : **--**

Q.23 Which of the following nation's Prime Minister resigned from his post on 15 January 2020, along with his cabinet after its President called for Constitutional Reforms?

Ans ✗ 1. Sri Lanka

✗ 2. Italy

✗ 3. China

✓ 4. Russia

Question ID : **8161612415**

Status : **Marked For Review**

Chosen Option : **1**

Q.24 Millions of years ago the Indian subcontinent was separated from the mainland by a large sea known as the:

Ans ✗ 1. Typhon

✗ 2. Prometheus

✓ 3. Tethys

✗ 4. Aegina

Question ID : **8161612421**

Status : **Answered**

Chosen Option : **3**

Q.25 Which of the following Indian states does NOT share its boundaries with Nepal?

Ans ✗ 1. Sikkim

✓ 2. Assam

✗ 3. Uttarakhand

✗ 4. West Bengal

Question ID : **8161612424**

Status : **Not Answered**

Chosen Option : **--**