Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	9212015096
Candidate Name	AMBILI BABU
Venue Name	SCET-Sahrdaya College of Engineering and Technology
Exam Date	14/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Q.1 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

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

Ans ✗ 1. expensive

✗ 2. improving

✗ 3. expanding

✔ 4. impoverished

Question ID : **8161612349**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the option that expresses the given sentence in direct speech.**

Bharati told Rakesh to call her when he reached there.

Ans ✔ 1. "Call me when you reach there", Bharati told Rakesh.

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

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

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

Question ID : **8161612334**
Status : **Answered**
Chosen Option : **1**

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 <u>did not had</u> school yesterday because it was a second Saturday.

Ans ✗ 1. does not have

✔ 2. did not have

✗ 3. was not having

✗ 4. No improvement

Question ID : **8161612345**
Status : **Answered**
Chosen Option : **2**

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. talents

✘ 3. intelligent

✘ 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. That

✔ 2. It

✘ 3. They

✘ 4. Which

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. tower

✘ 2. garden

✔ 3. city

✘ 4. fort

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. chief

✔ 2. most

✗ 3. more

✗ 4. main

Question ID : **8161612340**
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.

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. after

✗ 3. at

✗ 4. from

Question ID : **8161612341**
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.

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 : **2**

Q.10 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 hindlegs 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. CDBA

✔ 3. BDCA

✘ 4. ABCD

Question ID : **8161612343**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the most appropriate ANTONYM of the given word.

RESPONSIBLE

Ans ✘ 1. disresponsible

✔ 2. irresponsible

✘ 3. illresponsible

✘ 4. unresponsible

Question ID : **8161612348**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the correctly spelt word.

Ans   ✔ 1. Witness

✘ 2. Wisdum

✘ 3. Wimper

✘ 4. Welth

Question ID : **8161612351**
Status : **Answered**
Chosen Option : **3**

Q.13 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 can be shared with her colleagues by Sujata.

✘ 3. The results of her experiment are being 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.14 Select the most appropriate synonym of the given word.

AURA

Ans   ✘ 1. Shriek

✔ 2. Halo

✘ 3. Colour

✘ 4. Noise

Question ID : **8161612355**
Status : **Answered**
Chosen Option : **2**

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

Pull yourself together

Ans   ✘ 1. Talk about fitness

✔ 2. Regain composure

✘ 3. Be friendly with everyone

✘ 4. Use a rope ladder

Question ID : **8161612350**
Status : **Answered**
Chosen Option : **1**

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

NEAT

Ans ❌ 1. Clear

❌ 2. Sharp

✅ 3. Messy

❌ 4. Strong

Question ID : **8161612347**

Status : **Answered**

Chosen Option : **3**

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

MANDIBLE

Ans ✅ 1. Jaw

❌ 2. Human

❌ 3. Glory

❌ 4. Praise

Question ID : **8161612356**

Status : **Not Answered**

Chosen Option : **--**

Q.18 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 : **Not Answered**

Chosen Option : **--**

Q.19 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 collectback 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 productswithin a prescribed timeframe.

Ans ✗ 1. ACBD

✔ 2. BCAD

✗ 3. CADB

✗ 4. DBCA

Question ID : **8161612344**
Status : **Answered**
Chosen Option : **2**

Q.20 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.21 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. to make some dinner

✗ 2. for the children

✗ 3. Meera went into the kitchen

✔ 4. Despite of her tiredness

Question ID : **8161612335**
Status : **Answered**
Chosen Option : **4**

Q.22 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. I couldn't find

    ✓ 2. in every my cupboard

    ✗ 3. for the shirt

    ✗ 4. Yesterday I searched

Question ID : **8161612336**

Status : **Answered**

Chosen Option : **2**

Q.23 Select the INCORRECTLY spelt word.

Ans   ✓ 1. Tumulttous

    ✗ 2. Belligerent

    ✗ 3. Trousseau

    ✗ 4. Pharmaceutical

Question ID : **8161612352**

Status : **Not Answered**

Chosen Option : **--**

Q.24 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 kill innocent persons and also

    ✗ 3. but killed innocent person and also

    ✓ 4. not only killed innocent persons but also

Question ID : **8161612346**

Status : **Answered**

Chosen Option : **4**

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

Act of giving up the throne

Ans   ✗ 1. Abandonment

    ✓ 2. Abdication

    ✗ 3. Renunciation

    ✗ 4. Resignation

Question ID : **8161612354**

Status : **Answered**

Chosen Option : **3**

Section : **General Intelligence**

Q.1
Ans

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.

✔ 4 1.

✘ 2 2.

✘ 3. 1

✘ 3 4.

Question ID : **8161612359**
Status : **Answered**
Chosen Option : **2**

Q.2
Ans
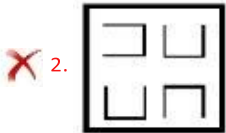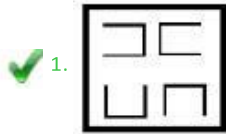
How many squares are there in the following figure?
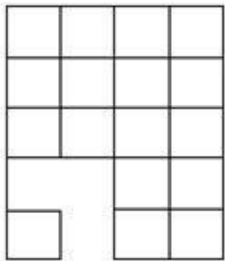
✘ 25 1.

✔ 27 2.

✘ 26 3.

✘ 28 4.

Question ID : **8161612379**
Status : **Answered**
Chosen Option : **1**

Q.3
Ans

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

✔ 1.

✘ 2.

✘ 3.

✘ 4.
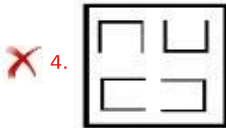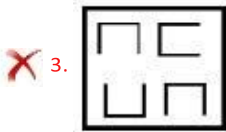
Q.4
Ans

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 : ?

✔ ERCQ 1.

✘ FSDR 2.

✘ FQBP 3.

✘ ESBQ 4.

Q.5
Ans
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?

✗ Nephew ₁.

✗ Son ₂.

✔ Paternal grandfather ₃.

✗ Son-in-law ₄.

Question ID : **8161612372**
Status : **Answered**
Chosen Option : **3**

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

216, ? , 64, 27, 8

✔ 125 ₁.

✗ 169 ₂.

✗ 121 ₃.

✗ 144 ₄.

Question ID : **8161612364**
Status : **Answered**
Chosen Option : **1**

Q.7
Ans
If '÷' means 'divided by'. ' − ' means 'add', '×' means 'minus' and '÷' means 'multiplied by', what will be the value of the following expression?

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

✗ 12 ₁.

✗ 5 ₂.

✗ 3 ₃.

✔ 4 ₄.

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

Q.8
Ans

Select the correct mirror image of the given figure.

MIRROR

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.9
Ans
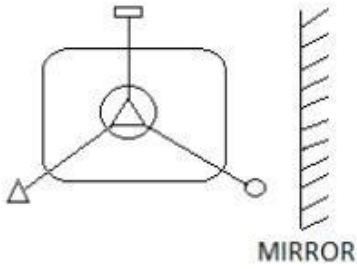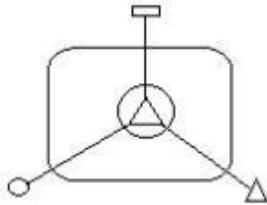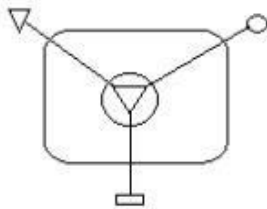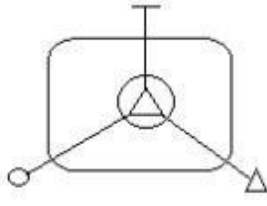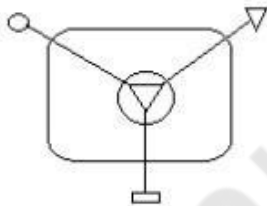
Four number pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

✔ 16 – 30 1.

✘ 12 – 15 2.

✘ 32 – 45 3.

✘ 13 – 16 4.

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

6	4	100
7	5	144

Q.10 9 ? 169

Ans

✗ 3 1.

✔ 4 2.

✗ 6 3.

✗ 7 4.

Q.11 If O = 20, LIT = 46, how will PIG be coded using the same code language?

Ans

✗ 46 1.

✗ 53 2.

✗ 41 3.

✔ 37 4.

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.

Q.12 44 : 408

Ans

✔ 53 : 489 1.

✗ 82 : 740 2.

✗ 77 : 715 3.

✗ 61 : 549 4.

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.

Q.13 _ k _ _ mmk _ ikiim _ _ ki _ i _ _ mkk

Ans ✗ miikmkiim ₁.

  ✔ iiikmkkim ₂.

  ✗ iikimimmk ₃.

  ✗ kiikmkkik ₄.

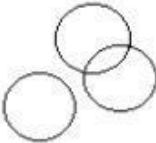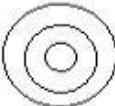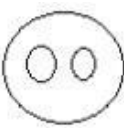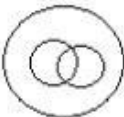Question ID : 8161612371
Status : Answered
Chosen Option : 2

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

Q.14 Sisters, Mothers, Men.

 ✔ 1.

Ans

 ✗ 2.

 ✗ 3.

 ✗ 4.

Question ID : 8161612383
Status : Answered
Chosen Option : 1

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

Q.15 18 + 3 - 5 × 6 ÷4

Ans ✗ 13.5 ₁.

  ✗ 30 ₂.

  ✔ 32 ₃.

  ✗ 15.5 ₄.

Question ID : 8161612362
Status : Answered
Chosen Option : 3

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

Q.16 Paper : Pulp

Ans
✗ Road : Latex 1.

✗ Pear : Fruit 2.

✗ Fan : Blade 3.

✔ Linen : Flax 4.

Question ID : **8161612373**

Status : **Answered**

Chosen Option : **4**

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

Q.17 one.

Ans
✔ CGF 1.

✗ QTP 2.

✗ DGC 3.

✗ MPL 4.

Question ID : **8161612374**

Status : **Answered**

Chosen Option : **1**

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.

Q.18 Temple: Church

Ans
✗ Hotel : Office 1.

✔ College : University 2.

✗ 3. University : Student

✗ 4. College : Theatre

Question ID : **8161612370**

Status : **Answered**

Chosen Option : **2**

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.

Q.19   II. Banana may or may not be a jam.

Ans   ✗   Neither conclusions I nor II follows. 1.

✗   Both conclusions I and II follow. 2.

✗   Only conclusion II follows. 3.

✔ 4. Only conclusion I follows.

Question ID : **8161612376**
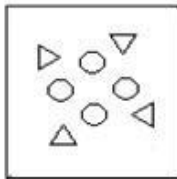Status : **Answered**
Chosen Option : **4**

Q.20   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?
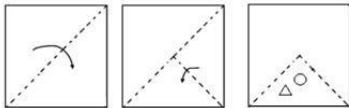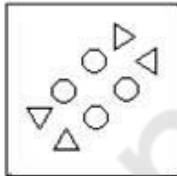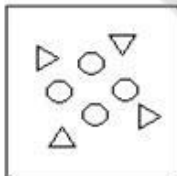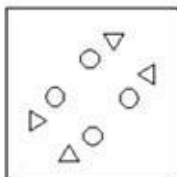

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **8161612381**
Status : **Not Answered**
Chosen Option : **--**

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

Q.21 6. Deca

Ans ✔ 2, 5, 1, 6, 4, 3 ₁.

✘ 4, 3, 5, 1, 2, 6 ₂.

✘ 2, 1, 5, 6, 4, 3 ₃.

✘ 1, 2, 6, 5, 4, 3 ₄.

Question ID : **8161612366**

Status : **Answered**

Chosen Option : **1**

Q.22 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✘ Gun ₁.

✘ Axe ₂.

✔ Amplify ₃.

✘ ₄. Microscope

Question ID : **8161612375**

Status : **Answered**

Chosen Option : **3**

Q.23 In a certain code language, if 'BURMUD' is written as 'RKHCKT', then how will 'ANGLE' be written as in that language?
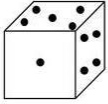
Ans ✘ HOPLY ₁.

✔ QDWBU ₂.

✘ REXCV ₃.

✘ PCVAT ₄.

Question ID : **8161612367**

Status : **Not Answered**

Chosen Option : **--**

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?
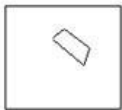

Q.24

Ans

✗ 4 1.

✗ 2 2.

✔ 3 3.

✗ 6 4.

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

Q.25

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

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

Q.1
Ans

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

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

✔ 1100 ₁.

✘ 1504 ₂.

✘ 1120 ₃.

✘ 1254 ₄.

Question ID : **8161612386**
Status : **Not Answered**
Chosen Option : **--**

Q.2
Ans

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

✘ 40% ₁.

✘ 45% ₂.

✔ 50% ₃.

✘ 55% ₄.

Question ID : **8161612390**
Status : **Answered**
Chosen Option : **3**

Q.3
Ans

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?

✘ 10 hours ₁.

✔ 12 hours ₂.

✘ 16 hours ₃.

✘ 24 hours ₄.

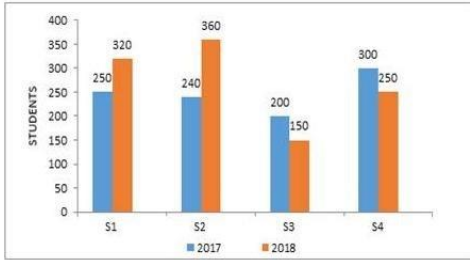Question ID : **8161612384**
Status : **Answered**
Chosen Option : **2**

Q.4 Ans

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?

✗ 54.33% 1.

✗ 52.33% 2.

✗ 48.33% 3.

✔ 58.33% 4.

Q.5 Ans

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:
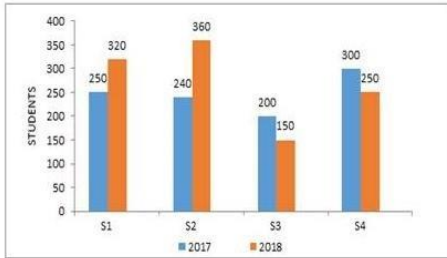
✔ 12 cm 1.

✗ 16 cm 2.

✗ 10 cm 3.

✗ 24 cm 4.

Q.6
Ans

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:

✔ 11 : 12 ₁.

✘ 12 : 11 ₂.

✘ 13 : 11 ₃.

✘ 11 : 13 ₄.

Question ID : **8161612405**
Status : **Answered**
Chosen Option : **1**

Q.7
Ans

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

✘ 2 years ₁.

✔ 3 years ₂.

✘ 3. $3\frac{1}{2}$ years

✘ 4. $1\frac{1}{2}$ years

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

Q.8
Ans

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

✘ ₹580 ₁.

✘ ₹600 ₂.

✘ ₹560 ₃.

✔ ₹540 ₄.

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

Q.9 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

✗ 1.5 1.

✗ 3 2.

✗ 2.5 3.

✔ 2 4.

Q.10 If $\cos x = \frac{24}{25}, 0 \leq x \leq 90°$, then the value of $\cot x + \cosec x$ is:

Ans

✗ 1. 1

✗ 0 2.

✗ 3. $\frac{7}{2}$

✔ 4. 7

Q.11 Which are the two nearest numbers to 19,596, divisible by 9?

Ans

✗ 1. 19,611; 19,575

✗ 2. 19,564; 19,620

✔ 3. 19,593; 19,602

✗ 4. 19,509; 19,611

Q.12 Find the values of x for the given equation $3x^2 + 5x - 2 = 0$

Ans

✔ 1. -2 and $\frac{1}{3}$

✗ 2. 3 and $-\frac{1}{2}$

✗ 2 and -3 3.

✗ -3 and -2 4.

Q.13 In an equilateral triangle, the value of each exterior angle is:

Ans

✗ $100°$ 1.

✗ $130°$ 2.

✔ $120°$ 3.

✗ $140°$ 4.

Q.14 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. $5\frac{3}{5}\%$

✗ 3. $5\frac{4}{5}\%$

✗ 4. $5\frac{1}{5}\%$

Q.15 $(a + 2b)^2 - (a - 2b)^2$ is equal to:

Ans

✗ $6ab$ 1.

✔ $8ab$ 2.

✗ $4ab$ 3.

✗ $10ab$ 4.

Q.16 If $tanx = \frac{3}{2}$, then the value of $\frac{3sinx + 2cosx}{3sinx - 2cosx}$ is :

Ans

✗ 1. $\frac{1}{5}$

✗ 2. 5

✔ 3. $\frac{13}{5}$

✗ 4. $\frac{5}{13}$

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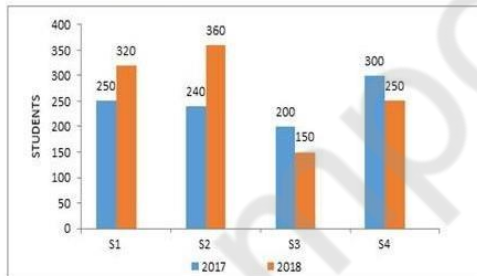
Q.17 What is the average number of students admitted to all schools in 2018?

Ans

✗ 290 1.

✗ 275 2.

✔ 270 3.

✗ 280 4.

Q.18 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

✗ $-2; 2$ 1.

✗ $-3; 3$ 2.

✗ $2; -2$ 3.

✔ $3; -3$ 4.

Question ID : **8161612399**

Status : **Not Answered**

Chosen Option : **--**

Q.19 If $x : y = 3 : 2$ and $x + y = 90$. Then the value $7(x - y) : (x + y)$ is:

Ans

✗ $7 : 9$ 1.

✗ $2 : 3$ 2.

✗ $7 : 6$ 3.

✔ $7 : 5$ 4.

Question ID : **8161612391**

Status : **Answered**

Chosen Option : **4**

Q.20 The value of $4 + [3\{35 + (42 + 10 \div 2 \times 3 - 40)\} + 7]$ is :

Ans ✔ 167 1.

✗ 185 2.

✗ 157 3.

✗ 163 4.

Q.21 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. $\sqrt{3}$

✗ 2. $2\sqrt{3}$

✔ 3. $3\sqrt{3}$

✗ 4. $3\sqrt{2}$

Q.22 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:
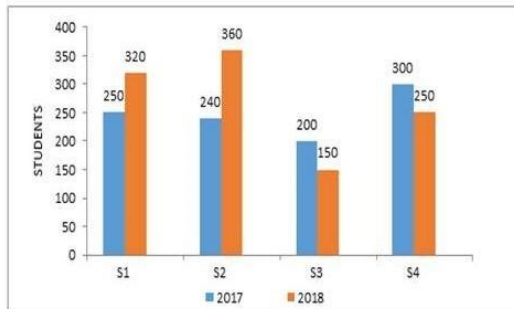
Ans ✗ 32 years 1.

✗ 35 years 2.

✔ 30 years 3.

✗ 40 years 4.

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?

Q.23

Ans

✗ 82.00% 1.

✗ 81.00% 2.

✗ 82.63% 3.

✓ 81.63% 4.

Question ID : **8161612408**
Status : **Answered**
Chosen Option : **4**

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:

Q.24

Ans

✓ 55° 1.

✗ 60° 2.

✗ 50° 3.

✗ 45° 4.

Question ID : **8161612393**
Status : **Answered**
Chosen Option : **1**

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:

Q.25

Ans

✓ 12 1.

✗ 14 2.

✗ 18 3.

✗ 16 4.

Question ID : **8161612396**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 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. Visual Display Unit

✓ 2. Joystick

✗ 3. MIDI Devices

✗ 4. Optical Mark Reader

Question ID : **8161612409**

Status : **Not Answered**

Chosen Option : **--**

Q.2 Who among the following can be removed by the process of impeachment?

Ans

✗ 1. The Chief Minister of India

✗ 2. The Prime Minister of India

✓ 3. The President of India

✗ 4. The Governor of India

Question ID : **8161612429**

Status : **Answered**

Chosen Option : **3**

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

Ans

✗ 1. Karnam Malleswari

✗ 2. Rakhi Haldar

✗ 3. Mirabai Chanu

✓ 4. Dipika Pallikal

Question ID : **8161612433**

Status : **Not Answered**

Chosen Option : **--**

Q.4 Which of the following teams won the 'FIH Series Finals Hockey Tournament' in June 2019?

Ans

✗ 1. Germany

✗ 2. Spain

✗ 3. Pakistan

✓ 4. India

Question ID : **8161612431**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Which of the following best defines Net National Income?

Ans
❌ 1. GNP + Depreciation

❌ 2. GDP – Depreciation

✅ 3. GNP – Depreciation

❌ 4. NDP – Depreciation

Question ID : **8161612417**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following Indian states does NOT share its boundaries with Nepal?

Ans
✅ 1. Assam

❌ 2. Uttarakhand

❌ 3. Sikkim

❌ 4. West Bengal

Question ID : **8161612424**
Status : **Answered**
Chosen Option : **1**

Q.7 Who among the following won the 'BBC Sports Personality of the Year 2019' award?

Ans
❌ 1. Wayne Rooney

❌ 2. Ken Williamson

❌ 3. Kylian Mbappe

✅ 4. Ben Stokes

Question ID : **8161612427**
Status : **Not Answered**
Chosen Option : **--**

Q.8 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 : **Answered**
Chosen Option : **1**

Q.9 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. Troposphere

✗ 2. Ionosphere

✓ 3. Exosphere

✗ 4. Mesosphere

Question ID : **8161612423**

Status : **Answered**

Chosen Option : **3**

Q.10 In which of the following years did Mahatma Gandhi launch Champaran Satyagraha?

Ans ✗ 1. 1914

✓ 2. 1917

✗ 3. 1922

✗ 4. 1927

Question ID : **8161612425**

Status : **Answered**

Chosen Option : **2**

Q.11 Who among the following was elected as the President of the Indian National Congress in the years 1938 and 1939?

Ans ✗ 1. Annie Besant

✗ 2. C Rajagopalachari

✗ 3. Rajendra Prasad

✓ 4. Subhash Chandra Bose

Question ID : **8161612426**

Status : **Answered**

Chosen Option : **4**

Q.12 Millions of years ago the Indian subcontinent was separated from the mainland by a large sea known as the:

Ans ✓ 1. Tethys

✗ 2. Prometheus

✗ 3. Typhon

✗ 4. Aegina

Question ID : **8161612421**

Status : **Not Answered**

Chosen Option : **--**

Q.13 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 : **Answered**
Chosen Option : **3**

Q.14 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. State Economy
- ❌ 2. Communist Economy
- ❌ 3. Mixed Economy
- ✅ 4. Capitalistic Economy

Question ID : **8161612416**
Status : **Answered**
Chosen Option : **4**

Q.15 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. Steven Smith
- ❌ 2. David Warner
- ❌ 3. Virat Kohli
- ✅ 4. Rohit Sharma

Question ID : **8161612432**
Status : **Not Answered**
Chosen Option : **--**

Q.16 As of January 2020, who among the following was the Chief Election Commissioner of India?

Ans
- ❌ 1. Om Prakash Rawat
- ❌ 2. HS Brahma
- ❌ 3. VS Sampath
- ✅ 4. Sunil Arora

Question ID : **8161612413**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following statements is NOT true about compounds? Ans ✗

1. Elements react to form new compounds.

✗ 2. The constituents can be separated only by chemical or electrochemical reactions.

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

✓ 4. Compounds have a variable composition.

Question ID : **8161612419**

Status : **Answered**

Chosen Option : **3**

Q.18 Ram Nath Kovind assumed office as the _____ President of India on 25th July 2017.

Ans ✓ 1. 14th

✗ 2. 15th

✗ 3. 13th

✗ 4. 12th

Question ID : **8161612430**

Status : **Answered**

Chosen Option : **1**

Q.19 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 : **4**

Q.20 Which of the following blood groups is called the 'Universal Receiver'?

Ans ✓ 1. AB+

✗ 2. O+

✗ 3. A+

✗ 4. O−

Question ID : **8161612418**

Status : **Answered**

Chosen Option : **1**

Q.21 Which of the following Himalayan regions is known as 'Shivaliks'?

Ans   ❌ 1. Lesser Himalayas

     ❌ 2. Inner Himalayas

     ❌ 3. Greater Himalayas

     ✅ 4. Outer Himalayas

Question ID : **8161612422**
Status : **Answered**
Chosen Option : **4**

Q.22 The patriotic song 'Sare Jahan Se Accha' was composed by:

Ans   ❌ 1. Bismil Azimabadi

     ❌ 2. Bankim Chandra Chatterjee

     ❌ 3. Rabindranath Tagore

     ✅ 4. Allama Muhammad Iqbal

Question ID : **8161612412**
Status : **Answered**
Chosen Option : **4**

Q.23 Which of the following is NOT a good conductor of electricity?

Ans   ✅ 1. Bromine

     ❌ 2. Graphite

     ❌ 3. Silver

     ❌ 4. Copper

Question ID : **8161612420**
Status : **Answered**
Chosen Option : **1**

Q.24 'Mohiniyattam', is a traditional dance which originated in the state of _____ in India.

Ans   ❌ 1. Assam

     ❌ 2. Andhra Pradesh

     ✅ 3. Kerala

     ❌ 4. West Bengal

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

Q.25 Which of the following nations has the most powerful passport in the world as per 'Henley Passport Index 2020'?

Ans

✗ 1. UK

✗ 2. China

✗ 3. USA

✓ 4. Japan

Question ID : **8161612414**
Status : **Answered**
Chosen Option : **4**