

Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Arya College of Engineering and Information Technology
Exam Date	07/06/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : English Language

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
The train was already left before we reached the platform.

- Ans
- ☒ 1. the train left
 - ☒ 2. train will have left
 - ☒ 3. train had already left
 - ☒ 4. No substitution required

Question ID : 26433039915

Status : Answered

Chosen Option : 3

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph

- A. The two children were so like, that without much difficulty it could not be discerned of their proper parents, which was Titus from Gisippus, or Gisippus from Titus.
- B. There was in the city of Rome a noble senator, named Fulvius, who sent his son, called Titus, being a child, to the city of Athens, in Greece (which was the fountain of all manner of doctrine), there to learn good letters : and caused him to be hosted with a worshipful mart of that city, called Chremes.
- C. This Chremes happened to have also a son named Gisippus, who not only was equal to the said young Titus in years, but also in stature, proportion of body, favour, and colour of visage, countenance and speech
- D. These two young gentlemen, as they seemed to be one in form and personage, so shortly after acquaintance, the same nature wrought in their hearts such a mutual affection, and their wills and appetites daily more and more so confederated themselves, that it seemed none other, when their names were declared, but that they had only changed their places, issuing (as I might say) out of the one body, and entering into the other.

- Ans
- ☒ 1. ADBC
 - ☒ 2. BACD
 - ☒ 3. BCAD
 - ☒ 4. DBCA

Question ID : 26433040091

Status : Answered

Chosen Option : 3

Q.3 Select the most appropriate ANTONYM of the given word.
Absurd

- Ans
- ☒ 1. Amaze
 - ☒ 2. Anxious
 - ☒ 3. Sensible
 - ☒ 4. Ramble

Question ID : 26433042914

Status : Answered

Chosen Option : 3

Test Prime

**ALL EXAMS,
ONE SUBSCRIPTION**



70,000+
Mock Tests



**Personalised
Report Card**



**Unlimited
Re-Attempt**



600+
Exam Covered



**Previous Year
Papers**



**500%
Refund**



ATTEMPT FREE MOCK NOW

Q.4 Select the most appropriate synonym of the given word.

Quintessential

- Ans ☒ 1. Fantastic
☒ 2. Typical
☒ 3. Initial
☒ 4. Charming

Question ID : 26433040011
 Status : Marked For Review
 Chosen Option : 2

Q.5 Select the option that expresses the given sentence in passive voice.
 Their behaviour vexes us.

- Ans ☒ 1. We had been vexed by their behaviour.
☒ 2. We are vexed by their behaviour.
☒ 3. We have been vexed by their behaviour.
☒ 4. We are being vexed by their behaviour

Question ID : 26433039749
 Status : Answered
 Chosen Option : 2

Q.6 Select the most appropriate meaning of the given idiom.
 To bite the bullet

- Ans ☒ 1. To reject doing something difficult or unpleasant
☒ 2. To be upset or annoyed
☒ 3. To be brave in a difficult situation
☒ 4. To state your opinion openly

Question ID : 26433043136
 Status : Answered
 Chosen Option : 3

Q.7 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Succesion
☒ 2. Assassinate
☒ 3. Complacent
☒ 4. Aquarium

Question ID : 26433039056
 Status : Answered
 Chosen Option : 1

Q.8 Complete the sentence with an appropriate ANTONYM of the word mentioned in the bracket.
 Many Bollywood movies show _____ (cheerful) stories nowadays.

- Ans ☒ 1. chirpy
☒ 2. gloomy
☒ 3. radiant
☒ 4. jaunty

Question ID : 26433042893
 Status : Answered
 Chosen Option : 2

Q.9 Select the most appropriate **ANTONYM** of the word given in bold in the following sentence.
Her father was quick to detect her concealed emotion.

- Ans ☒ 1. annoyed
☒ 2. disclosed
☒ 3. arrogant
☒ 4. excited

Question ID : 26433042803
Status : Answered
Chosen Option : 2

Q.10 Select the most appropriate synonym of the word given in bold in the following sentence.
The patient complained of giddiness after surgery.

- Ans ☒ 1. opponent
☒ 2. unsteadiness
☒ 3. enthusiasm
☒ 4. pride

Question ID : 26433042797
Status : Answered
Chosen Option : 2

Q.11 Spot the error in the given sentence and select the correct sentence from the options given.
When the villagers put up a firm resistance to the fearsome bandit with all their might, he ultimately fleed the spot

- Ans ☒ 1. When the villagers put up a firm resistance to the fearsome bandit with all their might, he ultimately flew the spot.
☒ 2. When the villagers putted up a firm resistance to the fearsome bandit with all their might, he ultimately fleed the spot.
☒ 3. When the villagers put up a firm resistance to the fearsome bandit with all their might, he ultimately flown the spot.
☒ 4. When the villagers put up a firm resistance to the fearsome bandit with all their might, he ultimately fled the spot.

Question ID : 26433040060
Status : Answered
Chosen Option : 4

Q.12 Select the option that can be used as a one-word substitute for the given group of words.
The art of beautiful handwriting

- Ans ☒ 1. Calligraphy
☒ 2. Monography
☒ 3. Epigraphy
☒ 4. Catastrophe

Question ID : 26433039817
Status : Answered
Chosen Option : 1

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.
I can see lots of colours on the picture.

- Ans ☒ 1. over
☒ 2. at
☒ 3. for
☒ 4. in

Question ID : 26433039695
Status : Answered
Chosen Option : 4

Q.14 Select the option that can be used as a one-word substitute for the given group of words.
The work inscribed on the tomb in the memory of the person

- Ans ☒ 1. Epigraph
☒ 2. Excerpt
☒ 3. Euphoria
☒ 4. Epitaph

Question ID : 26433042956
Status : Answered
Chosen Option : 4

Q.15 Select the option that expresses the given sentence in active voice.
The meal is being prepared by the chef.

- Ans ☒ 1. The chef is preparing the meal.
☒ 2. The chef will prepare the meal.
☒ 3. The chef did prepare the meal.
☒ 4. The chef was preparing the meal.

Question ID : 26433043031
Status : Answered
Chosen Option : 1

Q.16 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The app gets Larry's parents involved in the learning and improvement process, sending them advice about Larry's behaviours and progress, and recommending motivational _____ they might undertake that are _____ to Larry's situation and the program's _____ about his attitudes and behaviours.

- Ans ☒ 1. intermissions, directed, injunctions
☒ 2. interpolations, disrupted, inventions
☒ 3. interventions, targeted, inferences
☒ 4. interruptions, disillusioned, invasions

Question ID : 26433045604
Status : Answered
Chosen Option : 3

Q.17 Select the most appropriate option to substitute the underline segment in the given sentence.
I cannot sit up with this sort of insult in office.

- Ans ☒ 1. go up with
☒ 2. put up with
☒ 3. get up with
☒ 4. do up with

Question ID : 26433042820
Status : Answered
Chosen Option : 2

Q.18 Select the correct homonym from the given options to fill in the blank.
The athlete's _____ was badly injured due to a fall on the track.

- Ans ☒ 1. toe
☒ 2. toad
☒ 3. tow
☒ 4. to

Question ID : 26433045540
Status : Answered
Chosen Option : 3

Q.19 In the following questions a statement has been given with highlighted text. Select the options that can replace the text with correct idiom or phrase.
He is known for talking too frankly.

- Ans ☒ 1. Lose one's marbles
☒ 2. Go the extra mile
☒ 3. Snug as a bug in a rug
☒ 4. Call a spade a spade

Question ID : 26433045506
Status : Answered
Chosen Option : 4

Q.20 Select the most appropriate option to fill in the blank.
She swallowed _____ her breakfast in a hurry.

- Ans ☒ 1. in
☒ 2. up
☒ 3. into
☒ 4. down

Question ID : 26433042828
Status : Answered
Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One of the most devastating periods in European history came (1)_____ the fourteenth century, with the epidemic of bubonic plague, also known as the 'Great Plague' and later dubbed the 'Black Death'. At the time of its first pandemic, the bubonic plague was a terrifying disease, killing indiscriminately and (2)_____ cities and towns devastated in its wake. It appeared to spread just by touching clothes and people who (3)_____ healthy one day might be dead the next. Faced with such a mysterious and horrifying illness, many believed that this was a divine (4)_____ for their sins. Researchers in Hong Kong at the end of the nineteenth century discovered that the disease is caused by the bacteria 'Yersinia Pestis'. Modern (5)_____ practices and medicine have greatly subdued the impact of the bubonic plague, but have never completely eliminated it.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans ☒ 1. by
☒ 2. at
☒ 3. through
☒ 4. during

Question ID : 26433045755

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One of the most devastating periods in European history came (1)_____ the fourteenth century, with the epidemic of bubonic plague, also known as the 'Great Plague' and later dubbed the 'Black Death'. At the time of its first pandemic, the bubonic plague was a terrifying disease, killing indiscriminately and (2)_____ cities and towns devastated in its wake. It appeared to spread just by touching clothes and people who (3)_____ healthy one day might be dead the next. Faced with such a mysterious and horrifying illness, many believed that this was a divine (4)_____ for their sins. Researchers in Hong Kong at the end of the nineteenth century discovered that the disease is caused by the bacteria 'Yersinia Pestis'. Modern (5)_____ practices and medicine have greatly subdued the impact of the bubonic plague, but have never completely eliminated it.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans ☒ 1. settling
☒ 2. reckoning
☒ 3. keeping
☒ 4. leaving

Question ID : 26433045756

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One of the most devastating periods in European history came (1)_____ the fourteenth century, with the epidemic of bubonic plague, also known as the 'Great Plague' and later dubbed the 'Black Death'. At the time of its first pandemic, the bubonic plague was a terrifying disease, killing indiscriminately and (2)_____ cities and towns devastated in its wake. It appeared to spread just by touching clothes and people who (3)_____ healthy one day might be dead the next. Faced with such a mysterious and horrifying illness, many believed that this was a divine (4)_____ for their sins. Researchers in Hong Kong at the end of the nineteenth century discovered that the disease is caused by the bacteria 'Yersinia Pestis'. Modern (5)_____ practices and medicine have greatly subdued the impact of the bubonic plague, but have never completely eliminated it.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans ☒ 1. departed
☒ 2. seemed
☒ 3. became
☒ 4. kept

Question ID : 26433045757

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One of the most devastating periods in European history came (1)_____ the fourteenth century, with the epidemic of bubonic plague, also known as the 'Great Plague' and later dubbed the 'Black Death'. At the time of its first pandemic, the bubonic plague was a terrifying disease, killing indiscriminately and (2)_____ cities and towns devastated in its wake. It appeared to spread just by touching clothes and people who (3)_____ healthy one day might be dead the next. Faced with such a mysterious and horrifying illness, many believed that this was a divine (4)_____ for their sins. Researchers in Hong Kong at the end of the nineteenth century discovered that the disease is caused by the bacteria 'Yersinia Pestis'. Modern (5)_____ practices and medicine have greatly subdued the impact of the bubonic plague, but have never completely eliminated it.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans ☒ 1. order
☒ 2. accolade
☒ 3. oracle
☒ 4. punishment

Question ID : 26433045758

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One of the most devastating periods in European history came (1)_____ the fourteenth century, with the epidemic of bubonic plague, also known as the 'Great Plague' and later dubbed the 'Black Death'. At the time of its first pandemic, the bubonic plague was a terrifying disease, killing indiscriminately and (2)_____ cities and towns devastated in its wake. It appeared to spread just by touching clothes and people who (3)_____ healthy one day might be dead the next. Faced with such a mysterious and horrifying illness, many believed that this was a divine (4)_____ for their sins. Researchers in Hong Kong at the end of the nineteenth century discovered that the disease is caused by the bacteria 'Yersinia Pestis'. Modern (5)_____ practices and medicine have greatly subdued the impact of the bubonic plague, but have never completely eliminated it.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans ☒ 1. cultural
☒ 2. unhygienic
☒ 3. ongoing
☒ 4. sanitary

Question ID : 26433045759

Status : Answered

Chosen Option : 1

Section : General Intelligence

Q.1 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
 ANOXIC : ONACIX :: EQUITY : UQEYTI :: REFUND : ?

- Ans ☒ 1. FERDUN
☒ 2. UNDFER
☒ 3. DREFND
☒ 4. FERDNU

Question ID : 26433040273

Status : Answered

Chosen Option : 4

Q.2 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

rat164
 M
 |
 N

- Ans ☒ 1. 4911er
☒ 2. 4911er
☒ 3. 4911er
☒ 4. 4911er

Question ID : 26433040162

Status : Answered

Chosen Option : 3

Q.3 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
3 : 19 :: 2 : 7 :: 5 : ?

- Ans ☒ 1. 69
☒ 2. 51
☒ 3. 59
☒ 4. 61

Question ID : 26433043293
Status : Answered
Chosen Option : 2

Q.4 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 7, 9, 39
Second row: 4, 8, 28
Third row: 6, 7, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans ☒ 1. 32
☒ 2. 38
☒ 3. 40
☒ 4. 37

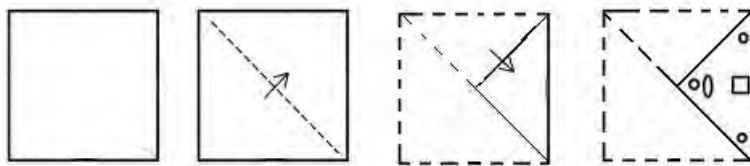
Question ID : 26433043335
Status : Answered
Chosen Option : 1

Q.5 Which of the following numbers will replace the question mark (?) in the given series?
14, 28, 31, ?, 129, 774

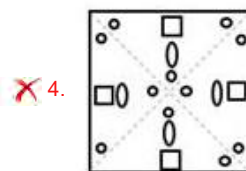
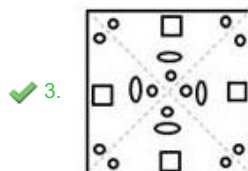
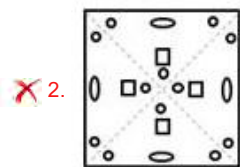
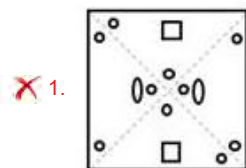
- Ans ☒ 1. 124
☒ 2. 117
☒ 3. 119
☒ 4. 106

Question ID : 26433040566
Status : Answered
Chosen Option : 1

Q.6 A paper is folded and cut as shown. How will it appear when unfolded?



Ans



Question ID : 26433040393

Status : Answered

Chosen Option : 3

Q.7 Which of the following numbers will replace the question mark (?) in the given series?
249, 255, 238, ?, 227, 277

Ans ✗ 1. 241

✗ 2. 257

✓ 3. 266

✗ 4. 229

Question ID : 26433040840

Status : Answered

Chosen Option : 3

Q.8 Which letter-cluster will replace the question mark (?) in the following series?

UYBD, ZDGI, ? , JNQS

- Ans ☒ 1. DHKM
☒ 2. FJMO
☒ 3. CGJL
☒ 4. EILN

Question ID : 26433040414

Status : Answered

Chosen Option : 4

Q.9 Which letter-cluster will replace the question mark (?) to complete the given series?
 IZDK, OHVO, UPNS, AXFW, ?

- Ans ☒ 1. EEYZ
☒ 2. EFXA
☒ 3. EEXZ
☒ 4. EEYA

Question ID : 26433045265

Status : Answered

Chosen Option : 2

Q.10 In a certain code language, 'PEN' is written as 'OCK', and 'ZEN' is written as 'YCK'.
 How will 'TON' be written in that language?

- Ans ☒ 1. RNJ
☒ 2. SNK
☒ 3. SMK
☒ 4. RMK

Question ID : 26433045348

Status : Answered

Chosen Option : 3

Q.11 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
 C _ _ r E _ t C U r _ _ n t C _ r _ E n t

- Ans ☒ 1. ErnrEUr
☒ 2. UrUrEUr
☒ 3. UrnrUUr
☒ 4. UrnrEUr

Question ID : 26433043395

Status : Answered

Chosen Option : 4

Q.12 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1.Sarcastic
- 2.Satisfaction
- 3.Salutation
- 4.Sanctions
- 5.Sacrifice

Ans ☒ 1. 3,5,4,1,2

☒ 2. 5,3,4,1,2

☒ 3. 4,5,3,1,2

☒ 4. 4,5,2,1,3

Question ID : 26433040373

Status : Answered

Chosen Option : 2

Q.13 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
45*17*3*41*81*9*56

Ans ☒ 1. +, =, -, x, +, +

☒ 2. +, -, =, x, +, -

☒ 3. =, -, x, +, -, +

☒ 4. =, x, +, +, ÷, -

Question ID : 26433040247

Status : Answered

Chosen Option : 4

Q.14 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
65*50*5*2*4*63

Ans ☒ 1. ÷, -, x, +, =

☒ 2. +, x, +, -, =

☒ 3. +, x, -, +, =

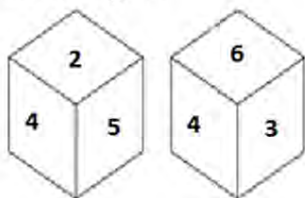
☒ 4. -, ÷, +, +, x, =

Question ID : 26433040863

Status : Answered

Chosen Option : 4

Q.15 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '4'.



Ans ☒ 1. 2

☒ 2. 5

☒ 3. 1

☒ 4. 3

Question ID : 26433045306

Status : Answered

Chosen Option : 3

Q.16 In a certain code language, 'KITCHEN' is written as NJUDIFK' and 'RESPECT' is written as 'TFTQFDR'. How will 'WELCOME' be written in that language?

- Ans ☒ 1. EFMDQNE
☒ 2. EFMDPNW
☒ 3. ZLEOCEW
☒ 4. ZDMBONW

Question ID : 26433040699
 Status : Answered
 Chosen Option : 2

Q.17 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

- Ans ☒ 1. 14 : 512
☒ 2. 22 : 1728
☒ 3. 46 : 12167
☒ 4. 38 : 8000

Question ID : 26433043572
 Status : Answered
 Chosen Option : 3

Q.18 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

5 T 3 W 1 Z
 X
 |
 Y

- Ans ☒ 1. Σ I W ε T ζ
☒ 2. ζ T ε W I Σ
☒ 3. S I ε M I Z
☒ 4. Z I M ε I S

Question ID : 26433040497
 Status : Answered
 Chosen Option : 1

Q.19 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

j r q 4 2 9
 M
 |
 N

- Ans ☒ 1. e s 4 p r i
☒ 2. e s 4 b r i
☒ 3. 6 z 4 b r i
☒ 4. e s 4 b r i

Question ID : 26433040327
 Status : Answered
 Chosen Option : 1

Q.20 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
 $93*65*3*56*14*146$

- Ans
- ☒ 1. $\times, +, -, \div, =$
 - ☒ 2. $+, -, \div, \times, =$
 - ☒ 3. $-, +, \times, \div, =$
 - ☒ 4. $+, -, \times, \div, =$

Question ID : 26433040599

Status : Answered

Chosen Option : 4

Q.21 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number-pairs EXCEPT one. Find that odd number-pair.

- Ans
- ☒ 1. $64 : 6$
 - ☒ 2. $25 : 2$
 - ☒ 3. $225 : 12$
 - ☒ 4. $169 : 10$

Question ID : 26433040355

Status : Answered

Chosen Option : 1

Q.22 If 28 February 2020 was Friday, then what was the day of the week on 30 December 2015?

- Ans
- ☒ 1. Wednesday
 - ☒ 2. Tuesday
 - ☒ 3. Sunday
 - ☒ 4. Monday

Question ID : 26433040670

Status : Answered

Chosen Option : 1

Q.23 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

- Ans
- ☒ 1. $1\ 9\ 9\ 5\ 8\ 6$
 - ☒ 2. $1\ 9\ 9\ 5\ 8\ 6$
 - ☒ 3. $1\ 9\ 9\ 5\ 8\ 6$
 - ☒ 4. $r\ 9\ 6\ 2\ 8\ 6$

Question ID : 26433040823

Status : Answered

Chosen Option : 1

Q.24 Which of the following numbers will replace the question mark (?) in the given series?
134,186,238,290,342,?

- Ans ☒ 1. 370
☒ 2. 386
☒ 3. 394
☒ 4. 378

Question ID : 26433043250
Status : Answered
Chosen Option : 3

Q.25 Seven friends S, T, U, V, W, X and Y, each has a different height. W is taller than X but shorter than V. Only three people are taller than V. T is taller than U but shorter than S. Y is the shortest among all. How many persons are taller than U?

- Ans ☒ 1. 1
☒ 2. 5
☒ 3. 2
☒ 4. 4

Question ID : 26433043473
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 In an examination, Gopal secured 15% more marks than Asha, and Asha secured 10% more marks than Sachin. How much per cent more marks did Gopal secure than Sachin?

- Ans ☒ 1. 25.5%
☒ 2. 26.5%
☒ 3. 25%
☒ 4. 24.5%

Question ID : 26433039109
Status : Answered
Chosen Option : 2

Q.2 Pranjal takes twice as much time as Vikram or thrice as much time as Ashwin to finish a piece of work. Working together, they can finish the work in 6 days. Vikram can do the work alone in:

- Ans ☒ 1. 18 days
☒ 2. 9 days
☒ 3. 15 days
☒ 4. 12 days

Question ID : 26433039379
Status : Answered
Chosen Option : 1

Q.3 If 60% of a number is equal to three-fourth of another number, what is the ratio of the first number to the second number?

- Ans
- ☒ 1. 3 : 7
 - ☒ 2. 2 : 5
 - ☒ 3. 7 : 3
 - ☒ 4. 5 : 4

Question ID : 26433041369
Status : Answered
Chosen Option : 4

Q.4 It is given that the average of 19 numbers is 8.5. If one number with value 63 was entered incorrectly as 25, then the corrected average is:

- Ans
- ☒ 1. 9.5
 - ☒ 2. 11.5
 - ☒ 3. 7.5
 - ☒ 4. 10.5

Question ID : 26433044082
Status : Answered
Chosen Option : 4

Q.5 The volume of a sphere is 38808 cm^3 . What is its surface area (in cm^2)? (Take $\pi = 22/7$)

- Ans
- ☒ 1. 6655
 - ☒ 2. 5544
 - ☒ 3. 5040
 - ☒ 4. 5599

Question ID : 26433038639
Status : Answered
Chosen Option : 2

@Qmaths

Q.6 Find the value of $(625)^{0.07} \times (625)^{0.18}$.

- Ans
- ☒ 1. 25
 - ☒ 2. 625
 - ☒ 3. 5
 - ☒ 4. 125

Question ID : 26433041405
Status : Answered
Chosen Option : 3

Q.7 Which of the following numbers is divisible by 360?

- Ans
- ☒ 1. 171720
 - ☒ 2. 176600
 - ☒ 3. 166200
 - ☒ 4. 171080

Question ID : 26433044266
Status : Answered
Chosen Option : 1

Q.8 Under a sale offer, Suresh was offered 20% discount on the part of the marked price that was paid in cash, but was charged 0.5% on the part of the marked price paid through a credit card. If Suresh paid 40% of the marked price in cash and the rest through a credit card, what percentage of the marked price was his total final payment?

- Ans
- ☒ 1. 93.2%
 - ☒ 2. 92.6%
 - ☒ 3. 92.8%
 - ☒ 4. 92.3%

Question ID : 26433043938

Status : Answered

Chosen Option : 4

Q.9 A woman can row 36 km downstream in 4 hours and 49 km upstream in 7 hours. What is the speed of the current?

- Ans
- ☒ 1. 2 km/h
 - ☒ 2. 1.5 km/h
 - ☒ 3. 3 km/h
 - ☒ 4. 1 km/h

Question ID : 26433044116

Status : Answered

Chosen Option : 4

Q.10 The marked price of a cell phone is ₹23,000. The shopkeeper offers successive discounts of 14% and 16%. How much, approximately, does a customer have to pay?

- Ans
- ☒ 1. ₹16,615
 - ☒ 2. ₹16,100
 - ☒ 3. ₹16,425
 - ☒ 4. ₹16,585

Question ID : 26433041480

Status : Answered

Chosen Option : 1

Q.11 The expenses of a family on rice, vegetables and cooking oil are in the ratio 9 : 11 : 5. If the prices of these items increase by 10%, 20% and 30%, respectively, then the total expenses of the family on these items will increase by:

- Ans
- ☒ 1. 14.8%
 - ☒ 2. 19.2%
 - ☒ 3. 18.4%
 - ☒ 4. 16.2%

Question ID : 26433041422

Status : Answered

Chosen Option : 3

Q.12 A library has an average of 330 visitors on Sundays and 240 on the other days. Find the average of the number of visitors per day in a month of 30 days, beginning with a Saturday.

- Ans ☒ 1. 260
☒ 2. 255
☒ 3. 270
☒ 4. 265

Question ID : 26433039336

Status : Answered

Chosen Option : 2

Q.13

Simplify $\frac{3294}{(226+506) \text{ of } \frac{3}{4}} + 500$.

- Ans ☒ 1. 506
☒ 2. 444
☒ 3. 501
☒ 4. 502

Question ID : 26433039227

Status : Answered

Chosen Option : 1

Q.14

If $x + y + z = 0$, then find the value of $\frac{x^2}{x^2 - yz} + \frac{y^2}{y^2 - zx} + \frac{z^2}{z^2 - xy}$.

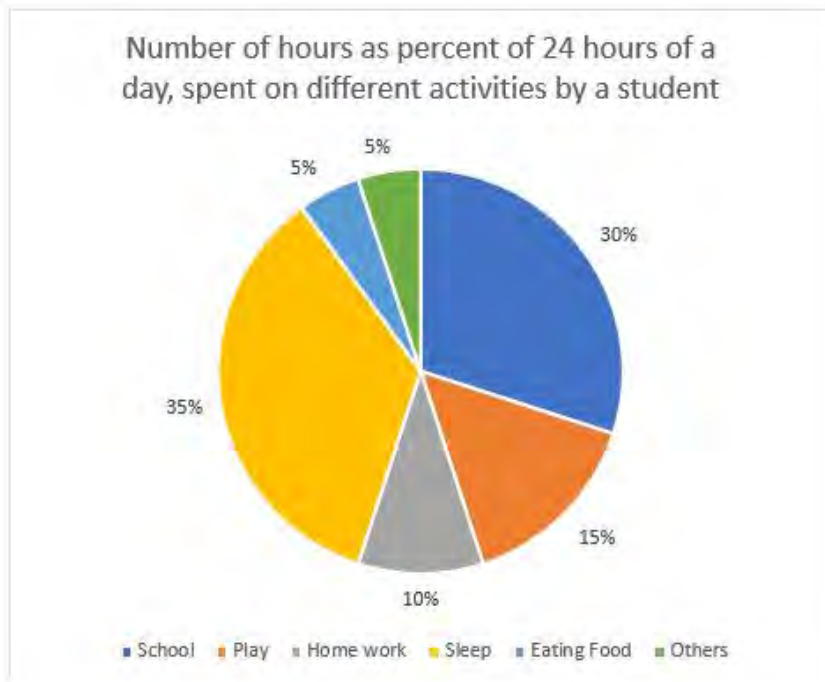
- Ans ☒ 1. 2
☒ 2. 1
☒ 3. 3
☒ 4. 0

Question ID : 26433042495

Status : Answered

Chosen Option : 1

Q.15 The pie-chart below represents the number of hours as percent of 24 hours of a day, spent on different activities by a student, Study the pie chart and answer the question that follows.



If the pie-chart is a visual representation of the number of hours spent on different activities by a student during a day, then the student spends the maximum number of hours in a day:

- Ans
- ☒ 1. doing homework
 - ☒ 2. playing
 - ☒ 3. sleeping
 - ☒ 4. at school

Question ID : 26433045919

Status : Answered

Chosen Option : 3

Q.16 The value of $\sin 35^\circ \cos 55^\circ + \cos 35^\circ \sin 55^\circ$ is:

- Ans
- ☒ 1. 0
 - ☒ 2. $\frac{3}{4}$
 - ☒ 3. $\frac{1}{2}$
 - ☒ 4. 1

Question ID : 26433039572

Status : Answered

Chosen Option : 4

Q.17

If $r + \frac{1}{r} = 11$, then the value of $\frac{r^3 + \frac{1}{r}}{r^2 - r + 1}$ is _____.

Ans

✓ 1. $\frac{119}{10}$

✗ 2. $\frac{10}{119}$

✗ 3. $\frac{19}{10}$

✗ 4. $\frac{10}{109}$

Question ID : 26433042665

Status : Answered

Chosen Option : 1

Q.18 Three smaller cubes with sides of 3, 4, and 5 cm are melted together to form a large cube. What is the ratio of the smaller cubes' total surface area to the larger cube's total surface area?

Ans ✗ 1. 16 : 21

✗ 2. 5 : 4

✓ 3. 25 : 18

✗ 4. 3 : 5

Question ID : 26433044068

Status : Answered

Chosen Option : 3

Q.19 Rajesh purchased a machine for ₹5,000 and paid ₹250 for its transportation. If he sells the machine for ₹5,075, what is his percentage profit or loss? (Correct to two decimal places)

Ans ✗ 1. Profit of 3.33%

✗ 2. Profit of 6.66%

✓ 3. Loss of 3.33%

✗ 4. Loss of 6.66%

Question ID : 26433041579

Status : Answered

Chosen Option : 3

Q.20 The effective annual rate of interest, corresponding to a nominal rate of 6% per annum, compounded half-yearly, is:

Ans ✗ 1. 0.0608

✓ 2. 0.0609

✗ 3. 0.0606

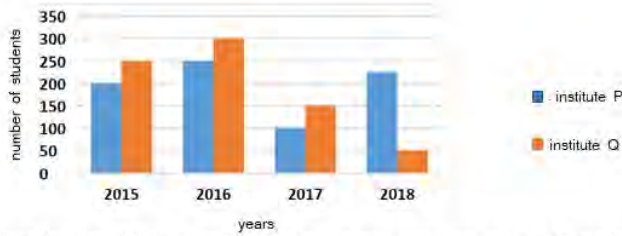
✗ 4. 0.0607

Question ID : 26433042395

Status : Answered

Chosen Option : 2

Q.21 The given graph shows the number of students who passed SSC in two institutes (P and Q) during four years.



What is the difference between the average number of students who passed in institute P in 2015 and 2016 and that in institute Q in 2017 and 2018?

- Ans
- ☐ 1. 200
 - ☐ 2. 275
 - ☒ 3. 125
 - ☐ 4. 150

Question ID : 26433039249

Status : Answered

Chosen Option : 3

Q.22 An arc on a circle that is 18 cm long, subtends a 28.8° angle at the centre. What is the circumference of the circle?

- Ans
- ☐ 1. 180 cm
 - ☐ 2. 216 cm
 - ☒ 3. 225 cm
 - ☐ 4. 240 cm

Question ID : 26433044313

Status : Answered

Chosen Option : 3

Q.23 The following table gives data about literacy rates of four different states obtained during four censuses in the country.

States \ Years	Karnataka	Gujarat	Andhra Pradesh	Kerala
2011	75.6	79.3	67.7	93.9
2001	66.6	69.1	60.5	90.9
1991	56.0	61.3	44.1	89.8
1981	46.2	44.9	35.7	78.9

Which state has the lowest literacy rates as per all the four censuses from which data is provided

- Ans
- ☐ 1. Gujarat
 - ☒ 2. Andhra Pradesh
 - ☐ 3. Karnataka
 - ☐ 4. Kerala

Question ID : 26433045915

Status : Answered

Chosen Option : 2

Q.24 Find the volume of the cylinder circumscribing a sphere with a diameter of 14 cm. (Use $\pi=22/7$)

- Ans ☒ 1. 2156 cm^3
☒ 2. 2158 cm^3
☒ 3. 2155 cm^3
☒ 4. 2157 cm^3

Question ID : 26433042725
 Status : Answered
 Chosen Option : 1

Q.25 A sum of money was invested at 10% interest per year, compounded half-yearly for 18 months. If the amount payable on maturity was ₹83,349, what was the sum invested?

- Ans ☒ 1. ₹80,000
☒ 2. ₹68000
☒ 3. ₹75000
☒ 4. ₹72,000

Question ID : 26433044292
 Status : Answered
 Chosen Option : 4

Section : General Awareness

Q.1 Alarmel Velli is recognised as a classical dancer of _____ dance form.

- Ans ☒ 1. Manipuri
☒ 2. Sattriya
☒ 3. Kuchipudi
☒ 4. Bharatanatyam

Question ID : 26433038812
 Status : Answered
 Chosen Option : 2

Q.2 Identify the alga that is NOT a marine algae.

- Ans ☒ 1. Sargassum
☒ 2. Porphyra
☒ 3. Chlorella
☒ 4. Laminaria

Question ID : 26433039419
 Status : Answered
 Chosen Option : 1

Q.3 In the given main characteristics of farming of India, which is the characteristic of primitive subsistence farming?

- Ans ☒ 1. Slash and burn
☒ 2. Chemical fertilisers
☒ 3. Insecticides and pesticides
☒ 4. High yielding variety seeds

Question ID : 26433041897
 Status : Answered
 Chosen Option : 4

Q.4

Match column A with column B.

Column-A	Column-B
i. Peptidoglycan	a. Cell wall of plants
ii. Pectin	b. Bacterial cell wall
iii. Chitin	c. Cell wall of fruits
iv. Cellulose	d. Insect cell wall

- Ans
- ☒ 1. i-b, ii-a, iii-d, iv-c
 - ☒ 2. i-b, ii-a, iii-c, iv-d
 - ☒ 3. i-b, ii-c, iii-d, iv-a
 - ☒ 4. i-a, ii-b, iii-c, iv-d

Question ID : 26433041802
Status : Answered
Chosen Option : 1

Q.5 Who among the following personalities, also associated with poetry and Music has been conferred with the Noble Prize?

- Ans
- ☒ 1. Rabindra Nath Tagore
 - ☒ 2. Dwijendra Lal Ray
 - ☒ 3. Bankim Chandra Chatterjee
 - ☒ 4. Purandar Das

Question ID : 26433041729
Status : Answered
Chosen Option : 1

Q.6 'The Palace of Illusions' is an award-winning novel that retells the Hindu mythological epic Mahabharata from the perspective of Draupadi, it's lead female character. Who among the following is the author of this novel?

- Ans
- ☒ 1. Kamala Markandaya
 - ☒ 2. Anita Desai
 - ☒ 3. Chitra Banerjee Divakaruni
 - ☒ 4. Arundhati Roy

Question ID : 26433042303
Status : Answered
Chosen Option : 3

Q.7 Who among the following won the 'Dronacharya Award' (Regular Category) 2021 in Athletics discipline?

- Ans
- ☒ 1. Harbans Singh
 - ☒ 2. V R Beedu
 - ☒ 3. Radhakrishnan Nair P
 - ☒ 4. Purushotham Rai

Question ID : 26433041848
Status : Answered
Chosen Option : 3

Q.8 Which singer, music director was awarded with the Padma Vibhushan posthumously in 2021?

- Ans**
- ☒ 1. Sudarshan Sahoo
 - ☒ 2. Shravan Kumar Rathod
 - ☒ 3. SP Balasubrahmanyam
 - ☒ 4. Jagdish Chaudhary

Question ID : **26433038761**
Status : **Answered**
Chosen Option : **3**

Q.9 Identify the shallowest part of the ocean.

- Ans**
- ☒ 1. Continental shelf
 - ☒ 2. Continental slope
 - ☒ 3. Deep sea plains
 - ☒ 4. Trenches

Question ID : **26433039479**
Status : **Answered**
Chosen Option : **1**

Q.10 What was India's ranking in Paralympic 2020 medal tally?

- Ans**
- ☒ 1. 20
 - ☒ 2. 24
 - ☒ 3. 13
 - ☒ 4. 10

Question ID : **26433044458**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following dance forms is performed by Sonal Mansingh?

- Ans**
- ☒ 1. Bharatanatyam and Mohiniyattam
 - ☒ 2. Bharatanatyam and Odissi
 - ☒ 3. Bharatanatyam and Kathak
 - ☒ 4. Kathak and Odissi

Question ID : **26433041970**
Status : **Answered**
Chosen Option : **1**

Q.12 Name the classical dancer who is associated with the Kuchipudi classical dance.

- Ans**
- ☒ 1. Vempati Chinna Satyam
 - ☒ 2. A Lakshmana Swamy
 - ☒ 3. Sharmila Biswas
 - ☒ 4. Sanchita Bhattacharya

Question ID : **26433038792**
Status : **Answered**
Chosen Option : **2**

Q.13 Who among the following is an outstanding player to have mastered the surbahar instrument?

- Ans** ☒ 1. Ustad Imrat Khan
☒ 2. Allaudin Khan
☒ 3. Ali Akbar Khan
☒ 4. Abdul Karim Khan

Question ID : **26433041938**
 Status : **Answered**
 Chosen Option : **3**

Q.14 Part III of the Constitution of India deals with:

- Ans** ☒ 1. Fundamental Duties
☒ 2. Fundamental Rights
☒ 3. Citizenship
☒ 4. Directive Principles of State Policy

Question ID : **26433042095**
 Status : **Answered**
 Chosen Option : **2**

Q.15 Which of the following pairs of authors and autobiographies is CORRECTLY matched?

- Ans** ☒ 1. Jahangir – Baburnama
☒ 2. Satyajit Ray – Living Shadows
☒ 3. JB Kripalani – My Times
☒ 4. Aribam Syam Sharma – Jakhan Choto Chilam

Question ID : **26433041878**
 Status : **Answered**
 Chosen Option : **2**

Q.16 In November 2021 at Zonal Council Meet, Chief Minister N Rangaswamy made the statement regarding which union territory that upgrading the status of the Union Territory is critical to its survival?

- Ans** ☒ 1. Andaman and Nicobar Islands
☒ 2. Dadra & Nagar Haveli
☒ 3. Puducherry
☒ 4. Lakshadweep

Question ID : **26433041816**
 Status : **Answered**
 Chosen Option : **2**

Q.17 Which of the following leucoplasts store oil and fat?

- Ans** ☒ 1. Aleuroplasts
☒ 2. Plastids
☒ 3. Elaioplasts
☒ 4. Amyloplasts

Question ID : **26433039443**
 Status : **Answered**
 Chosen Option : **4**

Q.18 _____ and _____ are called as narrow and broad money, respectively, in the context of money supply in an economy.

Ans ☒ 1. M1 and M3

☒ 2. M1 and M2

☒ 3. M0 and M3

☒ 4. M3 and M4

Question ID : 26433042059

Status : Answered

Chosen Option : 1

Q.19 Who was appointed as the Chairman of ISRO in January 2022?

Ans ☒ 1. K Radhakrishnan

☒ 2. K Sivan

☒ 3. S Somanath

☒ 4. G Madhavan

Question ID : 26433041826

Status : Answered

Chosen Option : 3

Q.20 Which of the following is the Galilean moon that was observed in 1610 by the Italian astronomer Galileo Galilei using a homemade telescope?

Ans ☒ 1. Namaka

☒ 2. Phobos

☒ 3. Titan

☒ 4. Ganymede

Question ID : 26433044698

Status : Answered

Chosen Option : 3

Q.21 Famous playback singer Kishore Kumar was born in 1929 in _____.

Ans ☒ 1. Bhopal

☒ 2. Calcutta

☒ 3. Delhi

☒ 4. Khandwa

Question ID : 26433038766

Status : Answered

Chosen Option : 2

Q.22 The Amazon River, considered the longest river in the world, with a length of 6,400 km, is located in the northern part of _____.

Ans ☒ 1. North America

☒ 2. Australia

☒ 3. Africa

☒ 4. South America

Question ID : 26433044799

Status : Answered

Chosen Option : 3

Q.23 Australia won the 2020 ICC Women's T20 World Cup Cricket by defeating _____.

- Ans ☒ 1. India
- ☒ 2. Sri Lanka
- ☒ 3. Pakistan
- ☒ 4. New Zealand

Question ID : 26433044472
Status : Answered
Chosen Option : 1

Q.24 'Finding My Way' is a famous autobiography written by which of the following Gond artists of India with the help of Mukul S Anand?

- Ans ☒ 1. Venkat Raman Singh Shyam
- ☒ 2. Dhavat Singh Uikey
- ☒ 3. Bhajju Shyam
- ☒ 4. Jangrah Singh Shyam

Question ID : 26433042296
Status : Answered
Chosen Option : 1

Q.25 Maguni Charan Das was awarded Padma Shri for his contribution to which of the following forms of dances?

- Ans ☒ 1. Gotipua
- ☒ 2. Chhau
- ☒ 3. Jhumair
- ☒ 4. Kharia

Question ID : 26433041768
Status : Answered
Chosen Option : 2