# Combined Higher Secondary Level Examination 2019 Tier I

| Roll Number | |
|---|---|
| Candidate Name | |
| Venue Name | iON Digital Zone iDZ 1 Sector 62 |
| Exam Date | 19/10/2020 |
| Exam Time | 10:00 AM - 11:00 AM |
| Subject | CHSL Tier 1 |

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

**Q.1** 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'.

Over the past 20 years, there <u>has been</u> a constant decline in the variety of vegetables that we eat because the native varieties are no longer available.

Ans ✔ 1. No improvement

✘ 2. is being

✘ 3. was been

✘ 4. had been

Question ID : **424429922**
Status : **Answered**
Chosen Option : **1**

**Q.2** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. You've probably noticed, with great disappointment, that the battery doesn't seem to last as long as it did when it was brand new.
B. Partial charging is just fine for lithium-ion batteries and can actually have some positive benefits for cell longevity.
C. Smartphone users are forever in search of longer battery life, but unfortunately, battery capacity inevitably declines with age.
D. However, one thing you can do to prolong the life of your battery and handset is partial charging.

Ans ✘ 1. CDAB

✔ 2. CADB

✘ 3. ACDB

✘ 4. BADC

Question ID : **424429921**
Status : **Answered**
Chosen Option : **2**

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

**BENEVOLENT**

Ans ✘ 1. Generous

✘ 2. Friendly

✔ 3. Stingy

✘ 4. Liberal

Question ID : **424429924**
Status : **Answered**
Chosen Option : **3**

**Q.4** **Select the most appropriate meaning of the given idiom.**

**Call a spade a spade**

Ans　✗ 1. Lash out unkindly at someone for no reason

　　　✗ 2. Say things that are untrue and painful

　　　✗ 3. Plan to attack someone with rude words

　　　✔ 4. Say the truth about something, even if it is not pleasant

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| | Question ID : **424429927** |
| | 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.

At the age of 94, Harbhajan makes barfi only on order and people come to collect the freshly made barfi at her (1)_____. The most remarkable thing is, she manages everything (2)_____ her own, from roasting the gram flour to cutting the (3)_____ shaped barfis. She believes that it is better to wear out than to rust out. Due to her hard work, she received the best (4)_____ when she was named 'entrepreneur of the year'. This 94 year old woman (5)_____ that it's never too late to do a start-up.

**SubQuestion No : 5**

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

Ans　✗ 1. residing

　　　✗ 2. residential

　　　✗ 3. resident

　　　✔ 4. residence

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| | Question ID : **424429915** |
| | 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.

At the age of 94, Harbhajan makes barfi only on order and people come to collect the freshly made barfi at her (1)_____. The most remarkable thing is, she manages everything (2)_____ her own, from roasting the gram flour to cutting the (3)_____ shaped barfis. She believes that it is better to wear out than to rust out. Due to her hard work, she received the best (4)_____ when she was named 'entrepreneur of the year'. This 94 year old woman (5)_____ that it's never too late to do a start-up.

**SubQuestion No : 6**

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

Ans　✗ 1. with

　　　✔ 2. on

　　　✗ 3. for

　　　✗ 4. to

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| | Question ID : **424429916** |
| | Status : **Answered** |
| | Chosen Option : **1** |

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

At the age of 94, Harbhajan makes barfi only on order and people come to collect the freshly made barfi at her (1)_____. The most remarkable thing is, she manages everything (2)_____ her own, from roasting the gram flour to cutting the (3)_____ shaped barfis. She believes that it is better to wear out than to rust out. Due to her hard work, she received the best (4)_____ when she was named 'entrepreneur of the year'. This 94 year old woman (5)_____ that it's never too late to do a start-up.

**SubQuestion No : 7**

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

Ans ✔ 1. perfectly

✘ 2. hardly

✘ 3. truly

✘ 4. happily

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| Question ID : **424429917** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

At the age of 94, Harbhajan makes barfi only on order and people come to collect the freshly made barfi at her (1)_____. The most remarkable thing is, she manages everything (2)_____ her own, from roasting the gram flour to cutting the (3)_____ shaped barfis. She believes that it is better to wear out than to rust out. Due to her hard work, she received the best (4)_____ when she was named 'entrepreneur of the year'. This 94 year old woman (5)_____ that it's never too late to do a start-up.

**SubQuestion No : 8**

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

Ans ✘ 1. charm

✘ 2. gratefulness

✘ 3. content

✔ 4. appreciation

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| Question ID : **424429918** | |
| 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.

At the age of 94, Harbhajan makes barfi only on order and people come to collect the freshly made barfi at her (1)_____. The most remarkable thing is, she manages everything (2)_____ her own, from roasting the gram flour to cutting the (3)_____ shaped barfis. She believes that it is better to wear out than to rust out. Due to her hard work, she received the best (4)_____ when she was named 'entrepreneur of the year'. This 94 year old woman (5)_____ that it's never too late to do a start-up.

**SubQuestion No : 9**

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

Ans ✔ 1. has proved

✘ 2. was proved

✘ 3. had been proving

✘ 4. is proved

Question ID : **424429919**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the most appropriate synonym of the given word.

**TIMID**

Ans ✘ 1. Willful

✔ 2. Shy

✘ 3. Kind

✘ 4. Strong

Question ID : **424429932**
Status : **Answered**
Chosen Option : **2**

Q.11 In the given sentence, identify the segment which contains a grammatical error.

**The country has to struggled with the problems of child labour.**

Ans ✘ 1. the problems of

✘ 2. the country has

✘ 3. child labour

✔ 4. to struggled with

Question ID : **424429912**
Status : **Answered**
Chosen Option : **4**

**Q.12** Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

A. So, what exactly are we eating?
B. They found that the vegetables contained very high, toxic levels of banned pesticides, and the pesticide levels were more than 1000 times the permissible levels.
C. And is our food giving rise to the many health problems today?
D. A survey conducted by the Food Safety and Standards Authority of India under the Union Agriculture Ministry tested random samples of vegetables in markets all over India.

Ans　✘ 1. ADCB

　　　✔ 2. DBAC

　　　✘ 3. ACBD

　　　✘ 4. DACB

Question ID : **424429920**
Status : **Answered**
Chosen Option : **2**

**Q.13** In the given sentence, identify the segment which contains a grammatical error.

The Indian cricket team was done very well this year and is ranked number one now.

Ans　✘ 1. The Indian cricket team

　　　✘ 2. and is ranked number one now

　　　✘ 3. this year

　　　✔ 4. was done very well

Question ID : **424429913**
Status : **Answered**
Chosen Option : **4**

**Q.14** Select the most appropriate word to fill in the blank.

We found it _____ to climb further due to bad weather and decided to give up the expedition.

Ans　✘ 1. exciting

　　　✘ 2. boring

　　　✘ 3. pleasant

　　　✔ 4. impossible

Question ID : **424429935**
Status : **Answered**
Chosen Option : **4**

**Q.15** Select the word which means the same as the group of words given.

Repetition of an initial sound in two or more words of a line

Ans　✘ 1. Rhyme

　　　✘ 2. Rhythm

　　　✔ 3. Alliteration

　　　✘ 4. Assonance

Question ID : **424429930**
Status : **Answered**
Chosen Option : **2**

**Q.16** **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Unsurpassable

✗ 2. Inadvertent

✗ 3. Equivalent

✔ 4. Imigration

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| Question ID : **424429929** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

**Q.17** **Select the correct indirect form of the given sentence.**

**Ravina asked her little brother, "Where are you going to play?"**

Ans ✗ 1. Ravina asked her little brother where he would like to go to play.

✗ 2. Ravina said to her little brother where he was going to play.

✗ 3. Ravina asked her little brother where will he be going to play.

✔ 4. Ravina asked her little brother where he was going to play.

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| Question ID : **424429911** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

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

**Be behind the times**

Ans ✗ 1. Not be alert

✗ 2. Always dreaming

✔ 3. Be old fashioned

✗ 4. Be very old

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| Question ID : **424429926** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.19** **Select the word which means the same as the group of words given.**

**One who examines accounts officially**

Ans ✗ 1. Aviator

✗ 2. Collector

✗ 3. Radiator

✔ 4. Auditor

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| Question ID : **424429931** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

**Q.20  Select the correct passive form of the given sentence.**

**They are laying new telephone cables in our colony.**

Ans  ✗ 1. New telephone cables were being laid in our colony.

✓ 2. New telephone cables are being laid in our colony.

✗ 3. New telephone cables were laid in our colony.

✗ 4. New telephone cables will be laid in our colony.

Question ID : **424429910**
Status : **Answered**
Chosen Option : **2**

**Q.21  Select the INCORRECTLY spelt word.**

Ans  ✗ 1. Heavenly

✗ 2. Advisable

✗ 3. Harass

✓ 4. Disposeable

Question ID : **424429928**
Status : **Answered**
Chosen Option : **2**

**Q.22  Select the most appropriate ANTONYM of the given word.**

**CONSPICUOUS**

Ans  ✗ 1. Distinct

✓ 2. Obscure

✗ 3. Noticeable

✗ 4. Apparent

Question ID : **424429925**
Status : **Answered**
Chosen Option : **2**

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

**In _____ of the great work he is doing for economically weaker children, he has been given a special award.**

Ans  ✗ 1. reward

✗ 2. resolution

✓ 3. recognition

✗ 4. award

Question ID : **424429934**
Status : **Answered**
Chosen Option : **3**

**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'.**

**Swami Vivekanand's vast knowledge of Eastern and Western culture appealed to all those <u>who come in contacts</u> with him.**

Ans ✗ 1. No improvement

✗ 2. which contacted

✗ 3. that comes to contact

✔ 4. who came in contact

Question ID : **424429923**
Status : **Answered**
Chosen Option : **4**

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

**REMORSE**

Ans ✗ 1. Affection

✗ 2. Indifference

✔ 3. Regret

✗ 4. Reproach

Question ID : **424429933**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

**Q.1** Select the option figure that will come next in the following series.



Ans

✗ 1. 

✔ 2. 

✗ 3. 

✗ 4. 
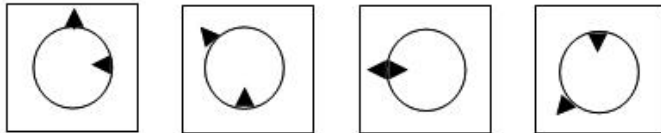
Question ID : **424429955**
Status : **Answered**
Chosen Option : **2**

**Q.2** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

**Ans**

✗ 1. ROLIF

✗ 2. TQNKH

✔ 3. YWUSQ

✗ 4. VSPMJ

Question ID : **424429951**
Status : **Answered**
Chosen Option : **3**

**Q.3** Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



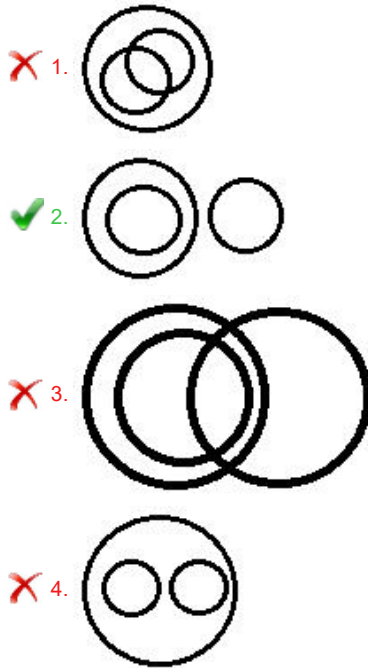**Ans**

✔ 1.


✗ 2.


✗ 3.


✗ 4.


Question ID : **424429959**
Status : **Answered**
Chosen Option : **1**

**Q.4** Select the Venn diagram that best illustrates the relationship between the following classes.

Table, Transistor, Furniture

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

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| Question ID : **424429960** | |
| Status : **Answered** | |
| Chosen Option : **2** | |

**Q.5** Select the option in which the words share the same relationship as that shared by the given pair of words.

Stringent : Flexible

Ans

✔ 1. Authoritarian : Liberal

✗ 2. Anxious : Depressed

✗ 3. Daring : Venturesome

✗ 4. Responsive : Passionate

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| Question ID : **424429950** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Q.6** Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

a _ cdeacdd _ acdeea _ _ deac _ _ e

Ans

✗ 1. ceacce

✗ 2. aaaccd

✔ 3. ceaccd

✗ 4. bbbcbd

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| Question ID : **424429948** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |

**Q.7** Select the number that can replace the question mark (?) in the following series.

33, 53, 61, 85, 97, ?, 141

Ans   ✗ 1. 113
      ✔ 2. 125
      ✗ 3. 121
      ✗ 4. 123

Question ID : **424429942**
Status : **Answered**
Chosen Option : **2**

**Q.8** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. Some buses are trucks.

2. All trucks are vans.

**Conclusions:**
I. Some buses are vans.
II. All vans are buses.

Ans   ✗ 1. Only conclusions I and II follow.
      ✔ 2. Only conclusion I follows.
      ✗ 3. Only conclusion II follows.
      ✗ 4. Either conclusion I or II follows.

Question ID : **424429953**
Status : **Answered**
Chosen Option : **2**

**Q.9** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RICH : IRXS :: BOOK : ?

Ans   ✗ 1. XKKO
      ✔ 2. YLLP
      ✗ 3. DQQM
      ✗ 4. ZLLH

Question ID : **424429946**
Status : **Answered**
Chosen Option : **2**

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

99, 82, 63, 50, 35, ?

Ans   ✗ 1. 24
      ✗ 2. 27
      ✔ 3. 26
      ✗ 4. 25

Question ID : **424429941**
Status : **Answered**
Chosen Option : **3**

**Q.11**  If '−' means multiplication, ' × ' means addition, ' ÷ ' means subtraction, and ' + ' means 'division', then which of the
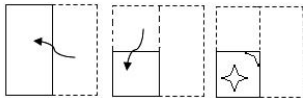following equations is correct?

**Ans**
✔ 1. $8 - 3 \div 16 \times 36 + 6 = 14$

✗ 2. $8 + 3 \div 16 \times 36 - 6 = 14$

✗ 3. $8 \div 3 - 16 + 36 \times 6 = 14$

✗ 4. $8 \times 3 \div 16 + 36 - 6 = 14$

Question ID : **424429937**

Status : **Answered**

Chosen Option : **1**

**Q.12**  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 : **424429958**

Status : **Answered**

Chosen Option : **2**

**Q.13**  In a certain code language, RAMP is coded as 46 and HORSE is coded as 63. How willCARPENTER be coded as in
that language?

**Ans**
✔ 1. 98

✗ 2. 100

✗ 3. 96

✗ 4. 102

Question ID : **424429945**

Status : **Answered**

Chosen Option : **4**

**Q.14** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(12, 48, 8)

**Ans** ✗ 1. (19, 57, 15)

✗ 2. (16, 64, 13)

✗ 3. (18, 54, 13)

✔ 4. (15, 45, 12)

Question ID : **424429939**
Status : **Answered**
Chosen Option : **2**

**Q.15** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

**Ans** ✗ 1. Den

✔ 2. Barrack

✗ 3. Stable

✗ 4. Burrow

Question ID : **424429952**
Status : **Answered**
Chosen Option : **2**

**Q.16** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(25, 20, 16)

**Ans** ✗ 1. (34, 19, 9)

✗ 2. (30, 17, 10)

✔ 3. (32, 16, 8)

✗ 4. (28, 18, 12)

Question ID : **424429940**
Status : **Marked For Review**
Chosen Option : **1**

**Q.17** How many triangles are present in the following figure?
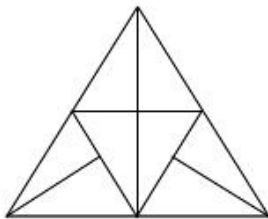


**Ans** ✔ 1. 17

✗ 2. 12

✗ 3. 15

✗ 4. 13

Question ID : **424429956**
Status : **Answered**
Chosen Option : **3**

**Q.18** Arrange the following words in a logical and meaningful order.

1. Throat
2. Bladder
3. Pupil
4. Liver
5. Pinna

Ans ✗ 1. 5-3-1-2-4

✗ 2. 5-3-1-4-2

✔ 3. 3-5-1-4-2

✗ 4. 3-5-1-2-4

Question ID : **424429943**
Status : **Answered**
Chosen Option : **3**

**Q.19** In a certain code language, THAILAND is written as VFCGNYPB. How will SRILANKA be written as in that language?

Ans ✗ 1. UTKNCMMZ

✗ 2. TQJKBPJC

✔ 3. UPKJCLMY

✗ 4. UQKKCMMZ

Question ID : **424429944**
Status : **Answered**
Chosen Option : **3**

**Q.20** Anita is the sister of Babita and Dharmendar is the brother of Sushma. If Sushma is the sister of Anita, then how is Babita related to Sushma?

Ans ✗ 1. Information is incomplete

✔ 2. Sister

✗ 3. Brother

✗ 4. Aunt

Question ID : **424429949**
Status : **Answered**
Chosen Option : **1**

**Q.21** Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

2197 : 1331

Ans ✗ 1. 729 : 343

✔ 2. 343 : 125

✗ 3. 1331 : 729

✗ 4. 512 : 216

Question ID : **424429938**
Status : **Not Answered**
Chosen Option : **--**

**Q.22** Four different positions of the same dice are shown. Select the number that will be on the face opposite to the face having number '1'.
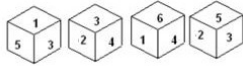


**Ans** ✔ 1. 2

✘ 2. 5

✘ 3. 4

✘ 4. 6

Question ID : **424429954**
Status : **Answered**
Chosen Option : **1**

**Q.23** 'House' is related to 'Foundation' in the same way as 'Tree' is related to '_____'.

**Ans** ✘ 1. Stem

✔ 2. Root

✘ 3. Soil

✘ 4. Branch

Question ID : **424429947**
Status : **Answered**
Chosen Option : **1**

**Q.24** Raman's age is twice to the age of his daughter Shruti. If ten years ago Raman's age was three times to the age of Shruti, then what is the present age of Shruti?

**Ans** ✘ 1. 12 years

✘ 2. 8 years

✘ 3. 11 years

✔ 4. 20 years

Question ID : **424429936**
Status : **Answered**
Chosen Option : **4**

**Q.25** Select the option in which the given figure is embedded. (Rotation is not allowed)



**Ans**

✔ 1.



✘ 2.



✘ 3.



✘ 4.
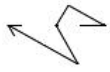


Question ID : **424429957**
Status : **Answered**
Chosen Option : **1**

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

**Q.1** The value of $\tan(63° - \theta) - \cot(27° + \theta) + \dfrac{cosec^2 70 - tan^2 20}{sec^2 37 - cot^2 53}$ is:

**Ans** ✘ 1. 0

✘ 2. 3

✘ 3. 2

✔ 4. 1

Question ID : **424429979**
Status : **Not Answered**
Chosen Option : **--**

**Q.2** If α and β are two roots of the quadratic equation $ax^2 - bx + c = 0$ where $a, b, c$ are constants and $a \neq 0$, then the value of $\frac{1}{\alpha} + \frac{1}{\beta}$ is

**Ans** ✘ 1. $\dfrac{c}{b}$

✘ 2. $\dfrac{c}{a}$

✘ 3. $\dfrac{-b}{c}$

✔ 4. $\dfrac{b}{c}$

Question ID : **424429975**
Status : **Not Answered**
Chosen Option : **--**

**Q.3** The average score of a cricketer for 20 matches is 52 runs. His highest score is more than its lowest score by 120 runs. If these two innings are excluded, the average of the remaining 18 matches is 50 runs. The highest score of the player is:

**Ans** ✔ 1. 130

✘ 2. 125

✘ 3. 120

✘ 4. 140

Question ID : **424429964**

Status : **Not Answered**

Chosen Option : **--**

**Q.4** Study the given chart carefully and answer the question accordingly.
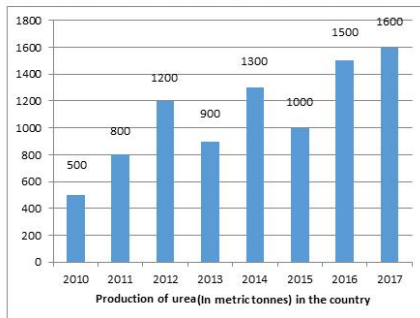


In which of the following years was the percentage increase in production from the previous year, the maximum among the given years?

**Ans** ✘ 1. 2014

✘ 2. 2016

✘ 3. 2012

✔ 4. 2011

Question ID : **424429982**

Status : **Answered**

Chosen Option : **2**

**Q.5** A can complete a task in 18 days while B can complete the same task in 12 days. If both work together for 6 days, and then A leaves. In how many days will B complete the task?

**Ans** ✘ 1. 6 days

✔ 2. 2 days

✘ 3. 3 days

✘ 4. 4 days

Question ID : **424429961**

Status : **Answered**

Chosen Option : **2**

**Q.6** Study the given chart and answer the question.
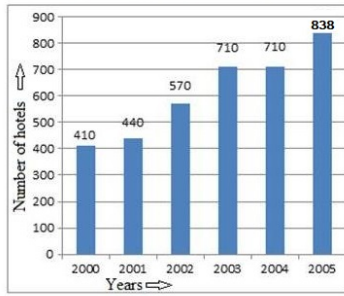


In which of the given years is the percentage increase in the number of hotels in comparison to the previous year, is the maximum?

Ans   ✗ 1. 2004

    ✗ 2. 2003

    ✗ 3. 2001

    ✔ 4. 2002

Question ID : **424429983**
Status : **Answered**
Chosen Option : **2**

---

**Q.7** In triangle ABC, AD, BE and CF are medians and G is the centroid of the triangle. If the area of the triangle DGC is 20 cm$^2$, then the area of triangle AGF + the area of triangle BGF is equal to:

Ans   ✔ 1. $40 \text{ cm}^2$

    ✗ 2. $30 \text{ cm}^2$

    ✗ 3. $20 \text{ cm}^2$

    ✗ 4. $25 \text{ cm}^2$

Question ID : **424429973**
Status : **Marked For Review**
Chosen Option : **1**

---

**Q.8** A triangle PQR is right angled at Q. E and F are mid points of QR and PR, respectively. What will be the ratio of the area of the quadrilateral PQEF to the area of triangle PQR.

Ans   ✔ 1. $\dfrac{3}{4}$

    ✗ 2. $\dfrac{4}{3}$

    ✗ 3. $\dfrac{2}{3}$

    ✗ 4. $\dfrac{3}{2}$

Question ID : **424429972**
Status : **Not Answered**
Chosen Option : **--**

**Q.9** A wire in the shape of a circle of radius 28 cm is bent in the form of a square. What is the difference of their areas?

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

**Ans** ✗ 1. $538 \text{ cm}^2$

✗ 2. $530 \text{ cm}^2$

✗ 3. $532 \text{ cm}^2$

✓ 4. $528 \text{ cm}^2$

| | |
|---|---|
| Question ID : | **424429971** |
| Status : | **Not Attempted and Marked For Review** |
| Chosen Option : | **--** |

**Q.10** The marked price of a shirt was ₹1,800. A man bought the same shirt for ₹1,200 after getting two successive discounts.
If the first discount was 12%, what was the second discount rate? (Correct to two decimal place)

**Ans** ✗ 1. 22.22%

✓ 2. 24.24%

✗ 3. 20.20%

✗ 4. 25.25%

| | |
|---|---|
| Question ID : | **424429965** |
| Status : | **Not Answered** |
| Chosen Option : | **--** |

**Q.11** Study the given chart and answer the question.
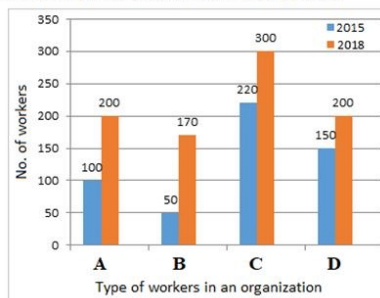


The percentage increase in the number of workers in 2018 is maximum as compared to that in 2015 in case of workers
of type:

**Ans** ✗ 1. C

✗ 2. D

✗ 3. A

✓ 4. B

| | |
|---|---|
| Question ID : | **424429984** |
| Status : | **Answered** |
| Chosen Option : | **4** |

**Q.12** How many numbers between 800 to 2000 are divisible by 13?

**Ans** ✗ 1. 90

✓ 2. 92

✗ 3. 93

✗ 4. 91

| | |
|---|---|
| Question ID : | **424429977** |
| Status : | **Answered** |
| Chosen Option : | **2** |

**Q.13** If $X - \frac{1}{X} = 8$, find the value of $X^4 + \frac{1}{X^4}$

**Ans** ✗ 1. 4355

✗ 2. 4356

✗ 3. 4352

✔ 4. 4354

Question ID : **424429976**
Status : **Not Answered**
Chosen Option : **--**

**Q.14** What percentage of the numbers from 101 to 1000 have 9 in the unit's digit?

**Ans** ✗ 1. 20%

✗ 2. 15%

✗ 3. 12%

✔ 4. 10%

Question ID : **424429966**
Status : **Not Answered**
Chosen Option : **--**

**Q.15** The breadth of rectangular field is two-thirds of its length. If its area is 864 m$^2$, then find the cost of fencing it all around at ₹15/m.

**Ans** ✗ 1. ₹2,000

✗ 2. ₹1,600

✔ 3. ₹1,800

✗ 4. ₹2,400

Question ID : **424429963**
Status : **Not Answered**
Chosen Option : **--**

**Q.16** The percentage profit earned by selling a mobile for ₹12,000 is equal to the percentage loss incurred by selling the same mobile for ₹9,000. At what price should the mobile be sold to make 20% profit.

**Ans** ✗ 1. ₹18,800

✗ 2. ₹15,400

✗ 3. ₹16,200

✔ 4. ₹12,600

Question ID : **424429967**
Status : **Not Answered**
Chosen Option : **--**

**Q.17** A man travelled a distance of 1200 km in 16 hours. He travelled partly by car at a speed of 40 km/h, and partly by train at a speed of 80 km/h. what is the distance travelled by car?

**Ans**  ✗ 1. 96 km

✓ 2. 80 km

✗ 3. 120 km

✗ 4. 100 km

Question ID : **424429962**

Status : **Answered**

Chosen Option : **4**

**Q.18** A person borrowed 1,200 at 8% p.a. and ₹1,800 at 10% p.a.as simple interest for the same period. He had to pay ₹1,380 in all as interest. Find the time period.

**Ans**  ✗ 1. 4 years

✗ 2. 10 years

✗ 3. 6 years

✓ 4. 5 years

Question ID : **424429969**

Status : **Not Answered**

Chosen Option : **--**

**Q.19** Simplify the following.

$$4\frac{4}{5} \div \left[ 2\frac{1}{5} - \frac{1}{2}\left\{ 1\frac{1}{4} - \left( \frac{1}{4} - \frac{1}{5} \right) \right\} \right]$$
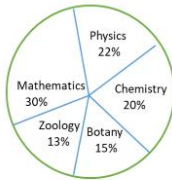
**Ans**  ✗ 1. 4

✗ 2. 1

✗ 3. 2

✓ 4. 3

Question ID : **424429978**

Status : **Not Answered**

Chosen Option : **--**

**Q.20** Study the given pie-chart and table carefully and answer the question that follows. The percentage-wise distribution of lecturers in five different subjects in a university is shown in the pie-chart. The total number of lecturers is 500.



Ratio of male to female lecturers:

| Lecturers | Males : Females |
|---|---|
| Mathematics | 7 : 3 |
| Physics | 2 : 3 |
| Chemistry | 4 : 1 |
| Botany | 3 : 5 |
| Zoology | 2 : 5 |

What is the difference in the number of female lecturers in chemistry and Mathematics?

**Ans**
✗ 1. 30
✗ 2. 20
✗ 3. 22
✔ 4. 25

Question ID : **424429985**
Status : **Not Answered**
Chosen Option : **--**

**Q.21** Evaluate the following.

$$\frac{(12.5)^3 + (7.5)^3}{(12.5)^2 + (7.5)^2 - 12.5 \times 7.5}$$

**Ans**
✗ 1. 25
✗ 2. 30
✔ 3. 20
✗ 4. 15

Question ID : **424429974**
Status : **Not Answered**
Chosen Option : **--**

**Q.22** By adding 3 and 5 in numerator and denominator of a fraction it becomes $\frac{2}{3}$. If 1 and 3 are subtracted and added from numerator and denominator respectively it becomes $\frac{2}{5}$ find the fraction.

**Ans**
✗ 1. $\frac{6}{7}$

✗ 2. $\frac{7}{5}$

✔ 3. $\frac{5}{7}$

✗ 4. $\frac{7}{6}$

Question ID : **424429968**
Status : **Not Answered**
Chosen Option : **--**

**Q.23** The radii of two circles are 20 cm and 13 cm, respectively. Find the radius of the circle which has a circumference equal to the sum of the circumferences of the two circles.

**Ans** ✗ 1. 30 cm

✗ 2. 32 cm

✓ 3. 33 cm

✗ 4. 28 cm

| | |
|---|---|
| Question ID : **424429970** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |

**Q.24** If $x = cosecA + cosA$ and $y = cosecA - cosA$, then find the value of $\left(\frac{2}{x+y}\right)^2 + \left(\frac{x-y}{2}\right)^2 - 1$.

**Ans** ✗ 1. 2

✗ 2. 1

✗ 3. 3

✓ 4. 0

| | |
|---|---|
| Question ID : **424429980** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |

**Q.25** Find the smallest positive angle which satisfies the given trigonometric equation.

$2sin^2x + \sqrt{3}cosx + 1 = 0$

**Ans** ✓ 1. $\dfrac{5\pi}{6}$

✗ 2. $\dfrac{\pi}{6}$

✗ 3. $\dfrac{2\pi}{3}$

✗ 4. $\dfrac{\pi}{3}$

| | |
|---|---|
| Question ID : **424429981** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |

Section : **General Awareness**

**Q.1** 'Santosh Trophy' is an award for the winning team of _____.

**Ans** ✗ 1. hockey

✗ 2. basketball

✓ 3. football

✗ 4. volleyball

| | |
|---|---|
| Question ID : **4244291009** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.2** **The human saliva contains an enzyme called salivary _____ that breaks down starch, a complex molecule, into sugar.**

**Ans**    ✔ 1. protease

✘ 2. amylase

✘ 3. lipase

✘ 4. peptidase

Question ID : **424429996**

Status : **Marked For Review**

Chosen Option : **3**

**Q.3** **Abhijit Banerji, an India born researcher, was one of the winners of Nobel Prize 2019 for _____.**

**Ans**    ✘ 1. Peace

✔ 2. Economics

✘ 3. Chemistry

✘ 4. Literature

Question ID : **424429990**

Status : **Answered**

Chosen Option : **2**

**Q.4** **_____ को व्यक्तिगत् निर्णय लेने वाली इकाइयों जैसे कि उपभोक्ता, संसाधन-स्वामी और फ़र्म्स के व्यवहार के अध्ययन के रूप में परिभाषित किया जाता है।**

**Ans**    ✘ 1. अर्थमिति (इकोनोमेट्रिक्स)

✘ 2. स्वास्थ्य अर्थशास्त्र (हेल्थ इकोनॉमिक्स)

✔ 3. सूक्ष्म अर्थशास्त्र (माइक्रोइकोनॉमिक्स)

✘ 4. वृहत् अर्थशास्त्र (मैक्रोइकोनॉमिक्स)

Question ID : **424429993**

Status : **Answered**

Chosen Option : **3**

**Q.5** **When blue litmus was added to an unknown liquid in a test tube, it turned red. What was the liquid?**

**Ans**    ✔ 1. An acid

✘ 2. Water

✘ 3. An alkali

✘ 4. Saline

Question ID : **424429995**

Status : **Answered**

Chosen Option : **1**

**Q.6** **Which Mauryan ruler became a follower of Buddhism?**

**Ans**    ✔ 1. Ashoka

✘ 2. Samudragupta

✘ 3. Brihadratha

✘ 4. Chandragupta

Question ID : **4244291002**

Status : **Marked For Review**

Chosen Option : **1**

**Q.7 Which of the following cricketers is NOT a part of the Sri Lankan team?**

Ans ✗ 1. Tusara Perara

✗ 2. Lasith Malinga

✔ 3. Kedar Jadhav

✗ 4. Angelo Perera

Question ID : **4244291008**
Status : **Answered**
Chosen Option : **3**

**Q.8 Identify the unit of measurement of energy.**

Ans ✔ 1. Volt

✗ 2. Watt

✗ 3. Joule

✗ 4. Ampere

Question ID : **424429997**
Status : **Answered**
Chosen Option : **3**

**Q.9 The script 'Gurumukhi' for Punjabi language was invented by the Sikh guru _____.**

Ans ✗ 1. Guru Har Kishan

✗ 2. Guru Ramdas

✗ 3. Guru Har Rai

✔ 4. Guru Angad

Question ID : **424429989**
Status : **Marked For Review**
Chosen Option : **4**

**Q.10 Which of the following devices is NOT used to enter data into a computer?**

Ans ✗ 1. Scanner

✗ 2. Keyboard

✔ 3. Monitor

✗ 4. Mouse

Question ID : **424429986**
Status : **Answered**
Chosen Option : **3**

**Q.11 Which of the following Public Sector Undertakings does NOT have 'Maharatna' status?**

Ans ✗ 1. Steel Authority of India Limited

✗ 2. Coal India Limited

✗ 3. GAIL (India) Limited

✔ 4. Engineers India Limited

Question ID : **424429994**
Status : **Answered**
Chosen Option : **4**

**Q.12  The Buddhist sites Vaishali and Nalanda are situated in which of the following states?**

Ans   ✖ 1. Chhattisgarh

✖ 2. Telangana

✖ 3. Odisha

✔ 4. Bihar

Question ID : **424429988**
Status : **Answered**
Chosen Option : **4**

**Q.13  Who among the following is NOT a lawn tennis champion?**

Ans   ✖ 1. Sania Mirza

✔ 2. Manika Batra

✖ 3. Rohan Bopanna

✖ 4. Leander Paes

Question ID : **4244291010**
Status : **Marked For Review**
Chosen Option : **2**

**Q.14  Which of the following is NOT a North East Indian sister state?**

Ans   ✔ 1. Odisha

✖ 2. Tripura

✖ 3. Manipur

✖ 4. Meghalaya

Question ID : **424429999**
Status : **Answered**
Chosen Option : **1**

**Q.15  Which is the correct sequence of rulers of the Mughal Empire?**

Ans   ✖ 1. Babur, Humayun, Aurangzeb, Jahangir, Shahjahan, Bahadur Shah, Akbar

✖ 2. Babur, Aurangzeb, Humayun, Jahangir, Shahjahan, Bahadur Shah, Akbar

✔ 3. Babur, Humayun, Akbar, Jahangir, Shahjahan, Aurangzeb, Bahadur Shah

✖ 4. Babur, Jahangir, Humayun, Akbar, Bahadur Shah, Shahjahan, Aurangzeb

Question ID : **4244291003**
Status : **Answered**
Chosen Option : **3**

**Q.16  India is called a secular country because citizens have the fundamental right to:**

Ans   ✖ 1. freedom of speech and expression

✖ 2. move freely throughout India

✔ 3. freedom to profess religion of one's choice

✖ 4. live with human dignity

Question ID : **4244291007**
Status : **Answered**
Chosen Option : **3**

**Q.17** Cirrus and cumulus are types of _____.

Ans

✗ 1. soil

✗ 2. mountains

✔ 3. clouds

✗ 4. waves

Question ID : **424429998**

Status : **Not Answered**

Chosen Option : **--**

**Q.18** 'Behdienkhlam' is a traditional dance festival of which state?

Ans

✗ 1. Chhattisgarh

✗ 2. Tamil Nadu

✗ 3. Gujarat

✔ 4. Meghalaya

Question ID : **424429987**

Status : **Marked For Review**

Chosen Option : **4**

**Q.19** जब उच्च स्तरों से बहने वाली जल-धाराएँ कम ढलान वाले भू-तलीय ढालू मैदानों में विखंडित होती हैं, तो किस प्रकार की निक्षेपणीय स्थलाकृतियों का निर्माण होता है?

Ans

✗ 1. प्राकृतिक तटबंध (लेवीस)

✔ 2. जलोढ़ पक्षाकृतियाँ (एलूवियल फ़ैंस)

✗ 3. बाढ़प्रवण क्षेत्र (फ़्लड प्लेन्स)

✗ 4. विसर्पी रोधिका (प्वाइंट बार)

Question ID : **4244291000**

Status : **Marked For Review**

Chosen Option : **2**

**Q.20** Who is the author of 'Sabka Saath, Sabka Vikas'?

Ans

✗ 1. Sushma Swaraj

✔ 2. Prem Chand

✗ 3. Narendra Modi

✗ 4. Ravi Shankar Prasad

Question ID : **4244291004**

Status : **Answered**

Chosen Option : **3**

**Q.21** On which day of the year is the earth farthest from the sun, at a position called aphelion?

Ans

✔ 1. 4 July

✗ 2. 23 October

✗ 3. 16 August

✗ 4. 12 May

Question ID : **4244291001**

Status : **Answered**

Chosen Option : **2**

**Q.22 Kartarpur Sahib corridor connects Dera Baba Nanak Shrine in Gurdaspur, India to Kartarpur Gurudwara in Pakistan, which is located near the banks of the river _____.**

Ans　　✗ 1. Sutlej

　　　　✗ 2. Chenab

　　　　✔ 3. Ravi

　　　　✗ 4. Jhelum

| | |
|---|---|
| Question ID : **424429991** |
| Status : **Answered** |
| Chosen Option : **3** |

**Q.23 Who has been appointed as the 47th Chief Justice of India?**

Ans　　✗ 1. Nilam Sawhney

　　　　✔ 2. Sharad Arvind Bobde

　　　　✗ 3. Sanjay Karol

　　　　✗ 4. Ravi Ranjan

| | |
|---|---|
| Question ID : **424429992** |
| Status : **Answered** |
| Chosen Option : **2** |

**Q.24 The President of India can hold office for a term of _____ year/s.**

Ans　　✗ 1. 3

　　　　✔ 2. 5

　　　　✗ 3. 1

　　　　✗ 4. 10

| | |
|---|---|
| Question ID : **4244291006** |
| Status : **Answered** |
| Chosen Option : **2** |

**Q.25 The 'Bharat Ratna Award 2019' was NOT conferred upon:**

Ans　　✗ 1. Bhupen Hazarika (posthumous)

　　　　✗ 2. Nanaji Deshmukh (posthumous)

　　　　✔ 3. Medha Patkar

　　　　✗ 4. Pranab Mukherjee

| | |
|---|---|
| Question ID : **4244291005** |
| Status : **Answered** |
| Chosen Option : **3** |