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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	21/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

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

Q.1 **Select the most appropriate word to fill in the blank:**

As part of the _____ Classical Indian Music Festival leading vocalists and instrumentalist are taking the stage this evening.

Ans

✗ 1. postponed

✗ 2. foregone

✗ 3. onset

✓ 4. ongoing

Question ID : **4244291541**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate meaning of the given idiom:**

Under the weather

Ans

✗ 1. To face bad weather conditions

✗ 2. To feel wronged by friends

✗ 3. Feel strong and energetic

✓ 4. To be in low spirits

Question ID : **4244291533**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the correct Indirect form of the given sentence.**

"Let's sit out in the sun," Anya said.

Ans

✗ 1. Anya is suggesting that we sit out in the sun.

✗ 2. Anya had suggested that we sit out in the sun.

✓ 3. Anya suggested that we sit out in the sun.

✗ 4. Anya was suggesting that we sit out in the sun.

Question ID : **4244291518**
Status : **Answered**
Chosen Option : **3**

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

ALTRUIST

Ans
1. Individualist
2. Philanthropist
3. Nutritionist
4. Impressionist

Question ID : **4244291540**
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.

Jonas Karlsson and Ruth Osborne are two chefs who (1)_____ about promoting zero waste in cooking, whether it is (2)_____ restaurants or at home. It means using every part of a food (3)_____. So for example, you needn't peel carrots. You can (4)_____ scrub off the surface lightly and cook them You can also find ways (5)_____ and recycle by- products like using coffee grounds to make biscuits.

SubQuestion No : 5

Q.5 **Select the most appropriate option for blank No. 1.**

Ans
1. are passionately
2. was passionate
3. are passionate
4. were passionate

Question ID : **4244291522**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Jonas Karlsson and Ruth Osborne are two chefs who (1)_____ about promoting zero waste in cooking, whether it is (2)_____ restaurants or at home. It means using every part of a food (3)_____. So for example, you needn't peel carrots. You can (4)_____ scrub off the surface lightly and cook them You can also find ways (5)_____ and recycle by- products like using coffee grounds to make biscuits.

SubQuestion No : 6

Q.6 **Select the most appropriate option for blank No. 2.**

Ans
1. upon
2. in
3. into
4. on

Question ID : **4244291523**
Status : **Answered**
Chosen Option : **2**

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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.

Jonas Karlsson and Ruth Osborne are two chefs who (1)_____ about promoting zero waste in cooking, whether it is (2)_____ restaurants or at home. It means using every part of a food (3)_____. So for example, you needn't peel carrots. You can (4)_____ scrub off the surface lightly and cook them You can also find ways (5)_____ and recycle by- products like using coffee grounds to make biscuits.

SubQuestion No : 7

Q.7 Select the most appropriate option for blank No. 3.

Ans

✗ 1. production

✓ 2. product

✗ 3. productive

✗ 4. producer

Question ID : **4244291524**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Jonas Karlsson and Ruth Osborne are two chefs who (1)_____ about promoting zero waste in cooking, whether it is (2)_____ restaurants or at home. It means using every part of a food (3)_____. So for example, you needn't peel carrots. You can (4)_____ scrub off the surface lightly and cook them You can also find ways (5)_____ and recycle by- products like using coffee grounds to make biscuits.

SubQuestion No : 8

Q.8 Select the most appropriate option for blank No. 4.

Ans

✓ 1. just

✗ 2. rarely

✗ 3. seldom

✗ 4. never

Question ID : **4244291525**
Status : **Answered**
Chosen Option : **1**

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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.

Jonas Karlsson and Ruth Osborne are two chefs who (1)_____ about promoting zero waste in cooking, whether it is (2)_____ restaurants or at home. It means using every part of a food (3)_____. So for example, you needn't peel carrots. You can (4)_____ scrub off the surface lightly and cook them You can also find ways (5)_____ and recycle by- products like using coffee grounds to make biscuits.

SubQuestion No : 9

Q.9 Select the most appropriate option for blank No. 5.

Ans

✗ 1. to redo

✓ 2. to reuse

✗ 3. to redone

✗ 4. to reused

Question ID : **4244291526**
Status : **Answered**
Chosen Option : **2**

Q.10 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.

I think <u>you'd better paid</u> online immediately as you may not get time to visit the bank later on during the day.

Ans

✓ 1. you'd better pay

✗ 2. No Improvement

✗ 3. you'd better paying

✗ 4. you'd have better pay

Question ID : **4244291529**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.11 Select the most appropriate antonym of the given word:

COARSE

Ans

✗ 1. Common

✗ 2. Colourful

✓ 3. Refined

✗ 4. Vulgar

Question ID : **4244291532**
Status : **Answered**
Chosen Option : **4**

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Q.12 **Select the word which means the same as the group of words given:**

A part of the city especially the slum area

Ans

✔ 1. Ghetto

✘ 2. Metropolis

✘ 3. Suburb

✘ 4. Colony

Question ID : **4244291537**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the correct passive form of the given sentence.**

The vet told me to put eye drops and ointment in my pet's eyes.

Ans

✘ 1. I had been told by the vet to put eye drops and ointment in my pet's eyes.

✘ 2. I am being told by the vet to put eye drops and ointment in my pet's eyes.

✔ 3. I was told by the vet to put eye drops and ointment in my pet's eyes.

✘ 4. I was being told by the vet to put eye drops and ointment in my pet's eyes.

Question ID : **4244291517**
Status : **Answered**
Chosen Option : **3**

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

The straw that broke the camel's back

Ans

✘ 1. To show strength and continue without a fuss

✔ 2. To be the last in a series of events leading one to feel that it is intolerable

✘ 3. To undertake a difficult journey across a desert

✘ 4. To make a wish for an escape from existing conditions

Question ID : **4244291534**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the wrongly spelt word.**

Ans

✔ 1. Privilige

✘ 2. Mileage

✘ 3. Gait

✘ 4. Truism

Question ID : **4244291536**
Status : **Answered**
Chosen Option : **1**

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Q.16 Select the most appropriate antonym of the given word:

CONTEMPLATE

Ans
1. Deify
2. Conceive
3. Ignore
4. Meditate

Question ID : **4244291531**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the word which means the same as the group of words given:

Making one feel very sad

Ans
1. Heart-to-heart
2. Heart-searching
3. Heart-stopping
4. Heart-wrenching

Question ID : **4244291538**
Status : **Answered**
Chosen Option : **4**

Q.18 Given below are four jumbled sentences. Pick the option that gives their correct order.

A. At the onset of his journey, his mother guides him how to survive and navigate the world.
B. 'Silo's Journey' is a film made by a wildlife film director.
C. It follows the journey of a young reindeer's first year at close range.
D. Sharing this journey is his friend-a curious red-haired squirrel.

Ans
1. BDCA
2. BCAD
3. CABD
4. DABC

Question ID : **4244291527**
Status : **Answered**
Chosen Option : **2**

Q.19 In the sentence identify the segment which contains the grammatical error.

Firecrackers have seized by the government went off while being defused on the banks of the river Ganga, in a town in West Bengal.

Ans
1. while being defused
2. on the banks of the river Ganga
3. Firecrackers have seized by the government
4. in a town in West Bengal

Question ID : **4244291519**
Status : **Answered**

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Q.20 **In the sentence identify the segment which contains the grammatical error.**

A 12 year old archer was airlifted to Delhi when he met with an accident while practice for the Khelo India Games in Guwahati.

Ans
- ✗ 1. was airlifted to Delhi
- ✗ 2. when he met with an accident
- ✗ 3. A 12 year old archer
- ✓ 4. while practice for the Khelo India Games

Question ID : **4244291520**
Status : **Answered**
Chosen Option : **4**

Q.21 **Select the most appropriate word to fill in the blank.**

Prince Harry and his wife, Megan Markle announced their decision to _____ from their role as senior royals by leaving United Kingdom and limiting their royal commitments.

Ans
- ✗ 1. step up
- ✗ 2. step on
- ✗ 3. step in
- ✓ 4. step back

Question ID : **4244291542**
Status : **Answered**
Chosen Option : **2**

Q.22 **Given below are four jumbled sentences. Pick the option that gives their correct order.**

A. Soon a special friendship develops between the two girls in war torn Syria.
B. While at her grandmother's place, Suzan meets Rana, a Syrian girl, who lives in a nearby refugee camp.
C. 'Summer with Rana' is a film by Sanne Vogel, who began her film career as early as 17.
D. Her film revolves around Suzan, the young girl who is spending her summer holiday with her grandmother, while her mother has gone to Syria, as a war reporter.

Ans
- ✗ 1. ADBC
- ✗ 2. CADB
- ✗ 3. BDAC
- ✓ 4. CDBA

Question ID : **4244291528**
Status : **Answered**
Chosen Option : **4**

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Q.23 Select the most appropriate synonym of the given word:

HAUGHTY

Ans
✗ 1. Humble
✗ 2. Talkative
✓ 3. Arrogant
✗ 4. Quiet

Question ID : **4244291539**
Status : **Answered**
Chosen Option : **3**

Q.24 Select the wrongly spelt word.

Ans
✓ 1. Diferently
✗ 2. Accidentally
✗ 3. Evidently
✗ 4. Prudently

Question ID : **4244291535**
Status : **Answered**
Chosen Option : **1**

Q.25 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 .

It is evident from current research that young adults is more like to develop an interest in spoken English if there is a change in methodology.

Ans
✓ 1. are more likely
✗ 2. No Improvement
✗ 3. are more like
✗ 4. is more likely

Question ID : **4244291530**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 If the word SMART is coded as 191311820, then how will word FUNNY be coded?

Ans
✗ 1. 622131325
✗ 2. 620131325
✓ 3. 621141425
✗ 4. 621131325

Question ID : **4244291550**
Status : **Answered**
Chosen Option : **3**

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Q.2 If '÷' means '×', '−' means '+', '×' means '÷' and '÷' means '−', then what is the value of the following equation?

$24 \times 4 \div 12 - 14 \div 10$

Ans

✗ 1. 90

✗ 2. 82

✓ 3. 76

✗ 4. 84

Question ID : **4244291549**
Status : **Answered**
Chosen Option : **3**

Q.3 A cube of 4 cm size is painted green on all six faces. It is cut into smaller cubes of 1 cm size. How many cubes are there with 3 green faces?

Ans

✗ 1. 12

✗ 2. 16

✓ 3. 8

✗ 4. 4

Question ID : **4244291561**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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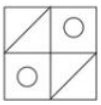
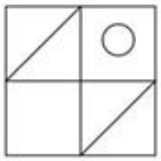
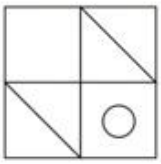
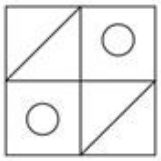
Q.4 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

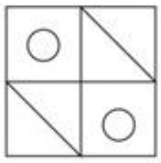


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **4244291566**
Status : **Answered**
Chosen Option : **4**

Q.5 The sum of the two digits of a number is 5. If we add 9 to the number we get 50. What is that number?

Ans

✗ 1. 32

✓ 2. 41

✗ 3. 14

✗ 4. 23

Question ID : **4244291545**
Status : **Answered**
Chosen Option : **2**

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Q.6 Identify the number that does NOT belong to the following series.

17, 19, 23, 30, 47, 79

Ans
1. 79
2. 23
3. 30
4. 47

Question ID : **4244291548**
Status : **Answered**
Chosen Option : **3**

Q.7 Select the option in which the numbers are related in the same way as are the numbers in the following set.

(12, 27, 9)

Ans
1. (14, 21, 6)
2. (15, 52, 13)
3. (11, 21, 7)
4. (5, 18, 8)

Question ID : **4244291547**
Status : **Answered**
Chosen Option : **1**

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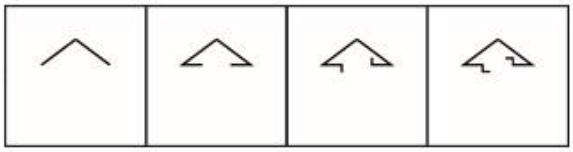
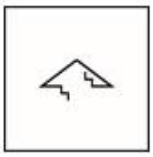
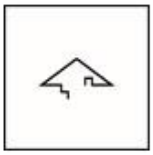
Q.8 Select the figure that will come next in the following figure series.



Ans

1.

2. 

3. 

4.

Question ID : **4244291562**
Status : **Answered**
Chosen Option : **2**

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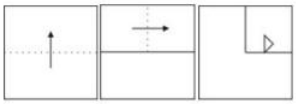
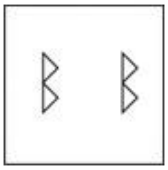
Q.9 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

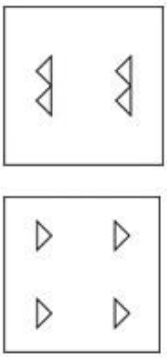


Ans

✗ 1.

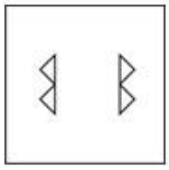


✗ 2.



✗ 3.

✓ 4.



Question ID : **4244291565**
Status : **Answered**
Chosen Option : **4**

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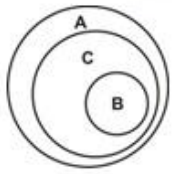
Q.10 Select the Venn diagram that best illustrates the relationship between the following classes.

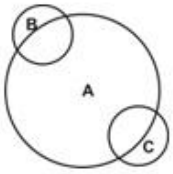
(A) Quadrilateral, (B) Rectangle, (C) Square

Ans

✗ 1.

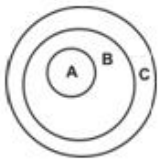


✗ 2.



✓ 3.

✗ 4.



Question ID : **4244291567**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Angioplasty : Heart : : Dialysis : ?

Ans

✓ 1. Kidney

✗ 2. Lungs

✗ 3. Brain

✗ 4. Rib-cage

Question ID : **4244291554**
Status : **Answered**
Chosen Option : **1**

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Q.12 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

HEAVY : ICBTZ : : LIGHT : ?

Ans

✔ 1. MGHFU

✘ 2. GMFHU

✘ 3. HGMUFH

✘ 4. FUGHM

Question ID : **4244291553**
Status : **Answered**
Chosen Option : **1**

Q.13 In a certain code, if BRDKE is written as AQCJD, then SLEEP will be written in that code as:

Ans

✘ 1. PJDDQ

✔ 2. RKDDO

✘ 3. PNDDO

✘ 4. RJDDN

Question ID : **4244291552**
Status : **Answered**
Chosen Option : **2**

Q.14 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✘ 1. Sincere

✘ 2. Naughty

✘ 3. Creative

✔ 4. Kids

Question ID : **4244291559**
Status : **Answered**
Chosen Option : **4**

Q.15 In a certain code language, 'TIGER' is written as 'YMJGS'. How will 'PANDA' be written as in that language?

Ans

✔ 1. UEQFB

✘ 2. UFSIF

✘ 3. EQUFB

✘ 4. USIFC

Question ID : **4244291551**
Status : **Answered**
Chosen Option : **1**

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Q.16 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) All cats are animals.

(2) Some animals are dogs.

Conclusions:

(i) All dogs are animals.

(ii) All animals are cats.

Ans

✗ 1. Only conclusion (ii) follows.

✓ 2. Neither conclusion (i) nor (ii) follows.

✗ 3. Both conclusions (i) and (ii) follow.

✗ 4. Only conclusion (i) follows.

Question ID : **4244291560**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word.

Sand : Desert : : Water : ?

Ans

✓ 1. Ocean

✗ 2. Land

✗ 3. Vapour

✗ 4. Ice

Question ID : **4244291557**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option in which the numbers are related in the same way as are the numbers in the following set.

(7, 46, 340)

Ans

✗ 1. (4, 28, 68)

✗ 2. (8, 68, 500)

✗ 3. (5, 22, 130)

✓ 4. (15, 222, 3372)

Question ID : **4244291546**
Status : **Answered**
Chosen Option : **3**

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Q.19 Pointing to Rehan, Rukhshana said, "His paternal grandfather's daughter-in-law is my daughter's paternal grandmother". How is Rukhshana related to Rehan?

Ans

✗ 1. Mother

✓ 2. Wife

✗ 3. Sister

✗ 4. Daughter

Question ID : **4244291556**
Status : **Answered**
Chosen Option : **3**

Q.20 Mahira bought some erasers and some pens for ₹42. Each eraser costs ₹5 and each pen costs ₹9. How many erasers did she buy?

Ans

✗ 1. 6

✓ 2. 3

✗ 3. 8

✗ 4. 7

Question ID : **4244291543**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following options of changing the mathematical operations will make the given equation correct?

$2 \div 3 - 5 \times 3 + 3 = 16$

Ans

✗ 1. $\div \rightarrow \times, - \rightarrow \div, \times \rightarrow +, + \rightarrow -$

✗ 2. $\div \rightarrow \times, - \rightarrow +, \times \rightarrow \div, + \rightarrow -$

✗ 3. $\div \rightarrow -, - \rightarrow \div, \times \rightarrow +, + \rightarrow \div$

✓ 4. $\div \rightarrow +, - \rightarrow \times, \times \rightarrow -, + \rightarrow \div$

Question ID : **4244291544**
Status : **Answered**
Chosen Option : **4**

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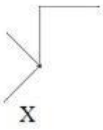
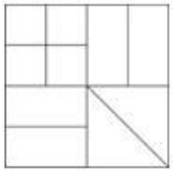
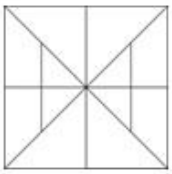
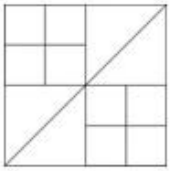
Q.22 Select the option in which the given figure (X) is embedded (rotation is not allowed).

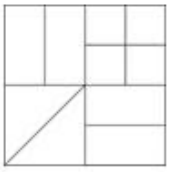


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **4244291564**
Status : **Answered**
Chosen Option : **2**

Q.23 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. CXGTIR

✗ 2. BYIRJQ

✓ 3. JPLNDW

✗ 4. FUEVHS

Question ID : **4244291558**
Status : **Answered**
Chosen Option : **3**

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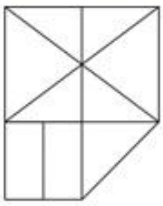
Q.24 How many triangles are there in the given figure?



Ans
1. 14 ✔
2. 13 ✘
3. 12 ✘
4. 7 ✘

Question ID : **4244291563**
Status : **Answered**
Chosen Option : **1**

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

PA _ A _ AP _ P _ Y _ PA _ AY _

Ans
1. AYPPAAA ✘
2. AYAPAPP ✘
3. YAPPAPA ✘
4. PYAAAPA ✔

Question ID : **4244291555**
Status : **Answered**
Chosen Option : **4**

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

Q.1 If a dining table with marked price ₹6,000 was sold to a customer for ₹5,520, then the rate of discount allowed on the marked price of the table is:

Ans
1. 7% ✘
2. 5% ✘
3. 8% ✔
4. 6% ✘

Question ID : **4244291572**
Status : **Answered**
Chosen Option : **3**

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Q.2 If $a+\frac{1}{a}+2=0$, then the value of $a^{15}-\frac{1}{a^{100}}$ is:

Ans
1. 0
2. 2
3. -2
4. 1

Question ID : **4244291581**
Status : **Answered**
Chosen Option : **1**

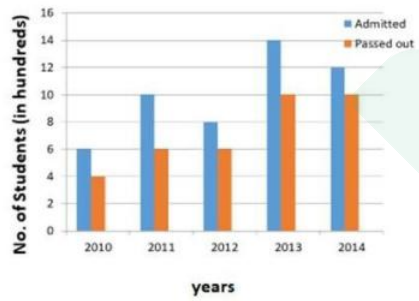
Q.3 A shopkeeper has certain number of apples of which 10% are found to be rotten. He sells 85% of the remaining good apples and still has 405 good apples. How many apples did he originally have?

Ans
1. 3500
2. 3000
3. 2500
4. 2000

Question ID : **4244291573**
Status : **Answered**
Chosen Option : **2**

Q.4 The bar graph shows the number of students (in hundreds) admitted and passed out per year in a college during the years 2010 to 2014.

Study the bar-graph and answer the question.



The ratio of the number of students admitted in the year 2012 to the average number of students passed out in the years 2013 and 2014 is:

Ans
1. $4:5$
2. $4:7$
3. $2:5$
4. $3:5$

Question ID : **4244291591**
Status : **Answered**
Chosen Option : **1**

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Q.5 In a ΔABC, $\angle A = 90°$, if BM and CN are two medians, $\frac{BM^2+CN^2}{BC^2}$ is equal to:

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

Question ID : **4244291580**
Status : **Answered**
Chosen Option : **3**

Q.6 A chord 10 cm long is drawn in a circle of diameter 26 cm. The perpendicular distance of the chord from the centre is:

Ans
1. 12 cm
2. 7 cm
3. 5 cm
4. 8 cm

Question ID : **4244291577**
Status : **Answered**
Chosen Option : **1**

Q.7 If $4a + \frac{1}{5a} = 4$, then the value of $25a^2 + \frac{1}{16a^2}$ is:

Ans
1. $\frac{45}{2}$
2. $\frac{55}{2}$
3. $\frac{43}{2}$
4. $\frac{45}{4}$

Question ID : **4244291582**
Status : **Answered**
Chosen Option : **1**

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Q.8 The value of $75\frac{3}{5} \div \left[15 \div 3 \text{ of } 5 + 7 \div \frac{1}{14} - \left(78 \div 3\frac{1}{3} \right) \right]$ is:

Ans
1. 1 ✔
2. 2 ✘
3. 5 ✘
4. 0 ✘

Question ID : **4244291585**
Status : **Answered**
Chosen Option : **1**

Q.9 The profit made by selling an article for ₹8,800 is equal to the amount of loss incurred on selling the same article for ₹7,200. What will be the profit per cent, if it was sold for ₹9,600?

Ans
1. 20% ✔
2. 25% ✘
3. 18% ✘
4. 15% ✘

Question ID : **4244291574**
Status : **Answered**
Chosen Option : **1**

Q.10 $2^{18} - 1$ is divisible by:

Ans
1. 11 ✘
2. 17 ✘
3. 13 ✘
4. 7 ✔

Question ID : **4244291584**
Status : **Answered**
Chosen Option : **2**

Q.11 8 pens and 3 pencils cost as much as 3 pens and 9 pencils. What is the ratio of the cost of one pen to the cost of one pencil?

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

Question ID : **4244291575**
Status : **Answered**
Chosen Option : **2**

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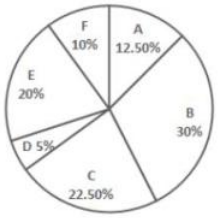
Q.12 The pie-chart shows the annual car production (percentage wise) of six countries A, B, C, D, E and F.

Study the pie chart and answer the question.



Total number of cars produced = 40,00,000

If 45% of the cars number of produced by these six countries are diesel cars and the rest are petrol cars, then how many petrol cars were produced?

Ans

✗ 1. 25 lakh

✗ 2. 24 lakh

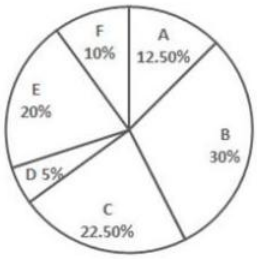
✓ 3. 22 lakh

✗ 4. 20 lakh

Question ID : **4244291590**
Status : **Answered**
Chosen Option : **3**

Q.13 The pie-chart shows the annual car production (percentage wise) of six countries A, B, C, D, E and F.

Study the pie chart and answer the question.



Total number of cars produced = 40,00,000

The number of cars produced by country B is what percent more than that produced by country E?

Ans

✗ 1. 60%

✗ 2. 25%

✗ 3. 40%

✓ 4. 50%

Question ID : **4244291589**
Status : **Answered**
Chosen Option : **4**

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Q.14 If $\alpha + \beta = 90°$ and $\alpha = 2\beta$, then the value of $cos^2\alpha + sin^2\beta$ is:

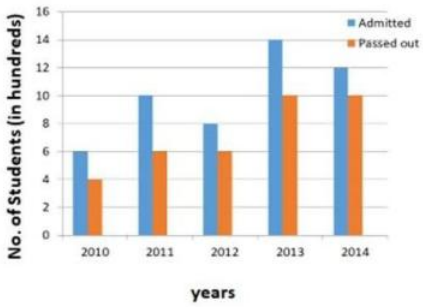
Ans

1. $\frac{1}{3}$
2. $\frac{1}{5}$
3. 1
4. $\frac{1}{2}$

Question ID : **4244291586**
Status : **Answered**
Chosen Option : **4**

Q.15 The bar-graph shows the number of students (in hundreds) admitted and passed out per year in a college during the years 2010 to 2014.

Study the bar-graph and answer the question.



In which of the following years, was the pass percentage between 80 and 85?

Ans

1. 2014
2. 2011
3. 2013
4. 2012

Question ID : **4244291592**
Status : **Answered**
Chosen Option : **1**

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Q.16 If $\sec\theta + \tan\theta = 2 + \sqrt{5}$ and θ is an acute angle, then the value of $\sin\theta$ is:

Ans

✔ 1. $\frac{2\sqrt{5}}{5}$

✘ 2. $\frac{3}{5}$

✘ 3. $\frac{\sqrt{5}}{5}$

✘ 4. $\frac{1}{5}$

Question ID : **4244291587**
Status : **Answered**
Chosen Option : **1**

Q.17 In ΔABC, AB = AC. If $\angle A$ is twice the sum of other two angles of the triangle, then the measure of $\frac{1}{2}\angle A$ is:

Ans

✘ 1. $70°$

✔ 2. $60°$

✘ 3. $30°$

✘ 4. $80°$

Question ID : **4244291579**
Status : **Answered**
Chosen Option : **2**

Q.18 The ratio of the length and the perimeter of a rectangle is 2 : 7. What is the ratio of the length and breadth of the rectangle?

Ans

✔ 1. 4 : 3

✘ 2. 4 : 5

✘ 3. 5 : 4

✘ 4. 5 : 3

Question ID : **4244291570**
Status : **Answered**
Chosen Option : **1**

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Q.19 A and B can do a work in 12 days, B and C can do it in 15 days and C and A can do it in 20 days. If A, B and C work together, then they will complete the same work in:

Ans

✗ 1. 12 days

✗ 2. 5 days

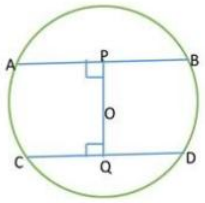
✓ 3. 10 days

✗ 4. 14 days

Question ID : **4244291568**
Status : **Answered**
Chosen Option : **3**

Q.20 In the figure, O is the centre of a circle of radius 29 cm, $OT \perp AB$, $OQ \perp CD$ and AB is parallel CD.

If AB = 40 cm and CD = 42 cm, then the length of PQ is:



Ans

✗ 1. 32 cm

✗ 2. 20 cm

✓ 3. 41 cm

✗ 4. 21 cm

Question ID : **4244291578**
Status : **Answered**
Chosen Option : **3**

Q.21 A man is walking at a speed of 12 km/h. After every km, he takes rest for 3 minutes. How much time will he take to cover a distance of 6 km?

Ans

✗ 1. 42 minutes

✗ 2. 40 minutes

✗ 3. 48 minutes

✓ 4. 45 minutes

Question ID : **4244291569**
Status : **Answered**
Chosen Option : **4**

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Q.22 If $x+\frac{1}{x}=\sqrt{3}$, then the value of $x^{18}+x^{12}+x^{6}+1$ is:

Ans
✔ 1. 0
✘ 2. 2
✘ 3. 3
✘ 4. 1

Question ID : **4244291583**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 If the total simple interest on a sum of ₹1,400 for 4 years at rate of interest x% p.a. and on the same sum for two years at the same rate, is ₹672, then the value of x is:

Ans
✘ 1. 9%
✔ 2. 8%
✘ 3. 6%
✘ 4. 10%

Question ID : **4244291576**
Status : **Answered**
Chosen Option : **3**

Q.24 The average weight of A, B and C is 55 kg. The weight of C is 10 kg more than A and 5 kg more than B. The average weight of A, B, C and D, if D's weight is 19 kg more than C, is:

Ans
✔ 1. 61 kg
✘ 2. 60 kg
✘ 3. 58 kg
✘ 4. 62 kg

Question ID : **4244291571**
Status : **Answered**
Chosen Option : **1**

Q.25 The elimination of θ from $x\cos\theta - y\sin\theta = 2$ and $x\sin\theta + y\cos\theta = 4$ will give:

Ans
✘ 1. $3x^2 - y^2 = 20$
✔ 2. $x^2 + y^2 = 20$
✘ 3. $3x^2 + y^2 = 20$
✘ 4. $x^2 - y^2 = 20$

Question ID : **4244291588**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

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Q.1 **Which of the following cell organelles is responsible for the storage, modification and packaging of products in vesicles?**

Ans
1. Mitochondria ✗
2. Plastids ✗
3. Golgi apparatus ✓
4. Endoplasmic reticulum ✗

Question ID : **4244291604**
Status : **Answered**
Chosen Option : **1**

Q.2 **In which state is the 'Chapchar Kut' festival celebrated in the month of March every year?**

Ans
1. Mizoram ✓
2. Odisha ✗
3. Nagaland ✗
4. Uttarakhand ✗

Question ID : **4244291596**
Status : **Answered**
Chosen Option : **3**

Q.3 **In Microsoft Office 2016, which shortcut key is used to open the Design tab?**

Ans
1. Ctrl + A ✗
2. Shift + F3 ✗
3. Alt + G ✓
4. Ctrl + K ✗

Question ID : **4244291593**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **The Union Minister for Health and Family Welfare launched a campaign to reduce child mortality due to pneumonia in November 2019. What is the name of that campaign?**

Ans
1. BACHPAN ✗
2. MUSKAN ✗
3. SAANS ✓
4. JEEVAN ✗

Question ID : **4244291598**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.5 **Which article of the Constitution of India states that no citizen can be discriminated against on the basis of his/her religion, race, caste, sex or place of birth?**

Ans
- ✔ 1. Article 15
- ✘ 2. Article 45
- ✘ 3. Article 23
- ✘ 4. Article 39

Question ID : **4244291614**
Status : **Answered**
Chosen Option : **1**

Q.6 **On whose birth anniversary did Kanshi Ram found the Bahujan Samaj Party?**

Ans
- ✔ 1. BR Ambedkar
- ✘ 2. Waman Chindhuji Meshram
- ✘ 3. Jyotirao Phule
- ✘ 4. Periyar Ramasamy

Question ID : **4244291613**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Which type of computers is used to control air traffic and radar of national defence?**

Ans
- ✘ 1. Personal computers
- ✘ 2. Analogue computers
- ✔ 3. Hybrid computers
- ✘ 4. Digital computers

Question ID : **4244291594**
Status : **Answered**
Chosen Option : **4**

Q.8 **In which year was the 'Ramnath Goenka Excellence in Journalism' award instituted in India?**

Ans
- ✘ 1. 2010
- ✔ 2. 2006
- ✘ 3. 2008
- ✘ 4. 2007

Question ID : **4244291611**
Status : **Not Answered**
Chosen Option : **--**

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Q.9 Aqua regia is a freshly prepared mixture of concentrated hydrochloric acid and concentrated nitric acid. What is the ratio of this mixture?

Ans
- ✗ 1. 2 : 3
- ✗ 2. 2 : 1
- ✗ 3. 2 : 2
- ✓ 4. 3 : 1

Question ID : **4244291603**
Status : **Answered**
Chosen Option : **4**

Q.10 Who won India's first gold medal at the Asian Wrestling Championship 2019?

Ans
- ✓ 1. Bajrang Punia
- ✗ 2. Gurpreet Singh
- ✗ 3. Sunil Kumar
- ✗ 4. Gyanender

Question ID : **4244291616**
Status : **Answered**
Chosen Option : **1**

Q.11 In which year did Babur defeat the Sultan of Delhi, Ibrahim Lodi, at Panipat and capture Delhi and Agra?

Ans
- ✓ 1. 1526
- ✗ 2. 1543
- ✗ 3. 1530
- ✗ 4. 1494

Question ID : **4244291610**
Status : **Answered**
Chosen Option : **1**

Q.12 At which position was India ranked at the 14th Asian Shooting Championship?

Ans
- ✗ 1. Fifth
- ✓ 2. Fourth
- ✗ 3. Second
- ✗ 4. Seventh

Question ID : **4244291615**
Status : **Not Answered**
Chosen Option : **--**

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Q.13 Which of the following is the most dominant species of trees found in the Tropical Deciduous Forests of India?

Ans
- ✔ 1. Teak tree
- ✘ 2. Coconut tree
- ✘ 3. Deodar tree
- ✘ 4. Rubber tree

Question ID : **4244291607**
Status : **Answered**
Chosen Option : **3**

Q.14 What is the height of Mt. Godwin Austen, also known as Mt. K2?

Ans
- ✔ 1. 8611 m
- ✘ 2. 8511 m
- ✘ 3. 8481 m
- ✘ 4. 8091 m

Question ID : **4244291606**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 In which year did the government of India approve the release of a commemorative stamp to mark the 50th anniversary of the Bhakra-Nangal Dam?

Ans
- ✘ 1. 2016
- ✔ 2. 2013
- ✘ 3. 2015
- ✘ 4. 2010

Question ID : **4244291608**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In which year was the Kaziranga National Park declared as a Reserved Forest?

Ans
- ✘ 1. 1925
- ✘ 2. 1940
- ✔ 3. 1908
- ✘ 4. 1900

Question ID : **4244291605**
Status : **Not Answered**
Chosen Option : **--**

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Q.17 In which city was the '11th Nuclear Energy Conclave (NEC)-2019' held?

Ans
1. Bengaluru
2. Chennai
3. New Delhi
4. Pune

Question ID : **4244291597**
Status : **Not Answered**
Chosen Option : **--**

Q.18 As of January 2020, how many cultural properties from India were inscribed in the UNESCO World Heritage List?

Ans
1. 35
2. 30
3. 25
4. 31

Question ID : **4244291595**
Status : **Answered**
Chosen Option : **3**

Q.19 Who was appointed as the Curator of Ancient Monuments in 1880?

Ans
1. HH Cole
2. John Marshall
3. Alexander Cunningham
4. James Fergusson

Question ID : **4244291609**
Status : **Answered**
Chosen Option : **3**

Q.20 Which Mumbai cricketer became the youngest batsman in the world to score a double hundred in list A cricket?

Ans
1. Bhupen Lalwani
2. Prithvi Shaw
3. Yashasvi Jaiswal
4. Hardik Tamore

Question ID : **4244291617**
Status : **Answered**
Chosen Option : **3**

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Q.21 According to a Social Mobility Index released by World Economic Forum on 20 January 2020, India was ranked at which position?

Ans
✗ 1. 55th
✗ 2. 40th
✗ 3. 82nd
✓ 4. 76th

Question ID : **4244291601**
Status : **Not Answered**
Chosen Option : **--**

Q.22 What is the chemical formula of dichlorodifluoromethane?

Ans
✗ 1. $CHClF_2$
✗ 2. $C_2HCl_2F_3$
✗ 3. CH_2FCF_3
✓ 4. CCl_2F_2

Question ID : **4244291602**
Status : **Answered**
Chosen Option : **4**

Q.23 How many countries were members of International Finance Corporation (IFC) till April 2019?

Ans
✗ 1. 180
✗ 2. 196
✗ 3. 190
✓ 4. 185

Question ID : **4244291600**
Status : **Not Answered**
Chosen Option : **--**

Q.24 On 19 January 2020, India successfully test fired a nuclear-capable K-4 ballistic missile off the coast of Andhra Pradesh. What is the strike range of this missile?

Ans
✓ 1. 3,500 km
✗ 2. 1,000 km
✗ 3. 700 km
✗ 4. 5,000 km

Question ID : **4244291599**
Status : **Not Answered**
Chosen Option : **--**

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Q.25 **Who among the following writers was conferred with the '29th Saraswati Samman' for his short stories collection 'Chequebook'?**

Ans

✗ 1. Padma Sachdev

✗ 2. Vishwanath Prasad Tiwari

✓ 3. Vasdev Mohi

✗ 4. Amitabha Bagchi

Question ID : **4244291612**
Status : **Answered**
Chosen Option : **3**

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