

Question Paper

Staff Selection Commission
Multi Tasking Staff
Exam

Prepared by:
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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

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

Q.1 **Select the most appropriate ANTONYM of the given word.**

MALIGNANT

Ans

✗ 1. Hesitant

✗ 2. Fatal

✓ 3. Benign

✗ 4. Indignant

Question ID : **8161612146**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the most appropriate word to fill in the blank in the given sentence.**

Some people think that the credit card culture encourages people to shop compulsively and merely _____ debts.

Ans

✓ 1. accumulate

✗ 2. formulate

✗ 3. stimulate

✗ 4. simulate

Question ID : **8161612155**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate word to fill in the blank in the given sentence.**

This winter _____ weather conditions have led people to remain indoors.

Ans

✓ 1. adverse

✗ 2. traverse

✗ 3. inverse

✗ 4. averse

Question ID : **8161612156**
Status : **Answered**
Chosen Option : **1**

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Q.4 **In the given sentence identify the segment which contains the grammatical error.**

A Royal Bengal tigress and her three cubs was poison and their carcasses left to rot in the Wildlife Sanctuary in Goa.

Ans
✗ 1. A Royal Bengal tigress
✗ 2. and their carcasses left to rot
✗ 3. in the Wildlife Sanctuary in Goa
✓ 4. and her three cubs was poison

Question ID : **8161612134**
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.

One complaint parents and teachers have about children these days is that they are simply not interested in (1)_____. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)_____ offers some useful suggestions. Keeping a dog or cat as a pet (3)_____ to be made mandatory. Regular visits to national parks and (4)_____ are another way to get children hooked. Treks in wilderness areas are even (5)_____ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 5

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

Ans
✗ 1. naturalist
✓ 2. nature
✗ 3. unnaturalness
✗ 4. natural

Question ID : **8161612136**
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.

One complaint parents and teachers have about children these days is that they are simply not interested in (1)_____. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)_____ offers some useful suggestions. Keeping a dog or cat as a pet (3)_____ to be made mandatory. Regular visits to national parks and (4)_____ are another way to get children hooked. Treks in wilderness areas are even (5)_____ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 6

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

Ans
✗ 1. environs
✗ 2. environment
✗ 3. environmental
✓ 4. environmentalist

Question ID : **8161612137**
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.

One complaint parents and teachers have about children these days is that they are simply not interested in (1)_____. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)_____ offers some useful suggestions. Keeping a dog or cat as a pet (3)_____ to be made mandatory. Regular visits to national parks and (4)_____ are another way to get children hooked. Treks in wilderness areas are even (5)_____ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 7

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

Ans

✗ 1. can

✗ 2. will

✗ 3. must

✓ 4. needs

Question ID : **8161612138**
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.

One complaint parents and teachers have about children these days is that they are simply not interested in (1)_____. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)_____ offers some useful suggestions. Keeping a dog or cat as a pet (3)_____ to be made mandatory. Regular visits to national parks and (4)_____ are another way to get children hooked. Treks in wilderness areas are even (5)_____ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 8

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

Ans

✗ 1. sanctity

✗ 2. sanctuary

✓ 3. sanctuaries

✗ 4. sanctorum

Question ID : **8161612139**
Status : **Not Answered**
Chosen Option : **--**

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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.

One complaint parents and teachers have about children these days is that they are simply not interested in (1)_____. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)_____ offers some useful suggestions. Keeping a dog or cat as a pet (3)_____ to be made mandatory. Regular visits to national parks and (4)_____ are another way to get children hooked. Treks in wilderness areas are even (5)_____ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 9

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

Ans

✗ 1. worse

✓ 2. better

✗ 3. best

✗ 4. good

Question ID : **8161612140**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Select the most appropriate meaning of the given idiom.

Bite off more than one can chew

Ans

✗ 1. To taste something while cooking

✗ 2. To cheat someone and get away

✗ 3. To eat quickly and run away

✓ 4. To take on more than one can deal with

Question ID : **8161612148**
Status : **Answered**
Chosen Option : **2**

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

OPULENT

Ans

✗ 1. Distant

✗ 2. Virulent

✓ 3. Luxurious

✗ 4. Shabby

Question ID : **8161612154**
Status : **Answered**
Chosen Option : **3**

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Q.12 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.**

The Arabian Sea region is very important for India as several major ports <u>are locating</u> there.

Ans

✗ 1. No improvement

✓ 2. are located

✗ 3. have been locating

✗ 4. was locating

Question ID : **8161612144**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the word which means the same as the group of words given.**

Very careful and precise

Ans

✗ 1. Tremulous

✗ 2. Tumultuous

✗ 3. Garrulous

✓ 4. Meticulous

Question ID : **8161612151**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the INCORRECTLY spelt word.**

Ans

✗ 1. Business

✗ 2. Fattening

✗ 3. Dessert

✓ 4. Decieve

Question ID : **8161612149**
Status : **Answered**
Chosen Option : **3**

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

A natural skill at doing something

Ans

✗ 1. Snack

✓ 2. Knack

✗ 3. Quack

✗ 4. Stack

Question ID : **8161612152**
Status : **Answered**
Chosen Option : **4**

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

Ans
1. Beginning
2. Accomodate
3. Quizzes
4. Acceptable

Question ID : **8161612150**
Status : **Answered**
Chosen Option : **3**

Q.17 **Given below are four jumbled sentences. Select the option that gives their correct order.**

A. For example, our project files were kept pending for a few years.
B. However, such hindrances did not stop us from tirelessly working towards the establishment of 450 clinics.
C. We initially constructed over 150 clinics.
D. But very soon many roadblocks were put in our path of expansion.

Ans
1. CDAB
2. DCAB
3. ABDC
4. CBDA

Question ID : **8161612141**
Status : **Answered**
Chosen Option : **3**

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

A. Some returned in the 80's but they were not allowed to reclaim or buy land.
B. In the 70's many Vietnamese living in Cambodia faced deportation after a change in government.
C. Their only solution was to live in wooden homes floating on the lake.
D. Even today they can be found living on the lake surviving on fishing and tourism.

Ans
1. BACD
2. CBDA
3. ABDC
4. DACB

Question ID : **8161612142**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the correct indirect form of the given sentence.**

Ravi asked, "Ritu, how many sets of class 12 practice papers have you finished?"

Ans
1. Ravi asked Ritu how many sets of class 12 practice papers she had finished.
2. Ravi asked Ritu how many sets of class 12 practice papers was she finishing.
3. Ravi asked Ritu how many sets of class 12 practice papers had she been finishing.
4. Ravi asked Ritu how many sets of class 12 practice papers she has been finishing.

Question ID : **8161612132**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the most appropriate synonym of the given word.**

ENRAGE

Ans
1. Alleviate
2. Infuriate
3. Moderate
4. Placate

Question ID : **8161612153**
Status : **Answered**
Chosen Option : **4**

Q.21 **Select the most appropriate meaning of the given idiom.**

Like talking to a brick wall

Ans
1. Frightened
2. Inattentive
3. Curious
4. Fascinated

Question ID : **8161612147**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **In the given sentence identify the segment which contains the grammatical error.**

Scientist have recently announced that a more effective antidote for snakebite venom has been made.

Ans
1. Scientist have
2. for snakebite venom has been made
3. that a more effective antidote
4. recently announced

Question ID : **8161612133**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **Select the most appropriate ANTONYM of the given word.**

DIVERSE

Ans
1. Parallel
2. Farcical
3. Practical
4. Identical

Question ID : **8161612145**
Status : **Answered**
Chosen Option : **1**

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Q.24 **Select the correct passive form of the given sentence.**

Rains lashed Delhi and brought the temperature down by a few degrees.

Ans
✔ 1. Delhi was lashed by rains and the temperature was brought down by a few degrees.

✘ 2. Delhi was being lashed by rain and the temperature was being brought down by a few degrees.

✘ 3. Delhi had been lashed by rain and the temperature had been brought down by a few degrees.

✘ 4. Delhi is being lashed by rain and the temperature was brought down by a few degrees.

Question ID : **8161612131**
Status : **Not Answered**
Chosen Option : **--**

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'.**

Sele, is a near extinct language, <u>spoken for</u> just five villages in Nepal, which lie close to Tibet.

Ans
✘ 1. spoken out

✘ 2. spoken of

✔ 3. spoken in

✘ 4. No improvement

Question ID : **8161612143**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

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Q.1 Select the option figure that is embedded in the given figure X. (Rotation is not allowed)



Figure X

Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **8161612178**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Select the letter-cluster that can replace the question mark (?) in the following series.

EQM, GRL, ISK, KTJ, ?

Ans

✗ 1. NUS

✓ 2. MUI

✗ 3. MTJ

✗ 4. MVR

Question ID : **8161612169**
Status : **Answered**
Chosen Option : **2**

Q.3 'Human-beings' is related to 'Mammals' in the same way as 'Snake' is related to '_____'.

Ans

✗ 1. Amphibian

✓ 2. Reptile

✗ 3. Mammals

✗ 4. Non-chordates

Question ID : **8161612168**
Status : **Answered**
Chosen Option : **1**

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Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number.

88 : 308 :: 126 : ?

Ans
1. 379
2. 450
3. 441
4. 456

Question ID : **8161612159**
Status : **Not Answered**
Chosen Option : **--**

Q.5 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. BGL
2. PUZ
3. AFK
4. NSW

Question ID : **8161612172**
Status : **Answered**
Chosen Option : **4**

Q.6 A × B means 'A is the wife of B';

A ÷ B means 'A is the father of B'.

Which of the following expression means 'R is the paternal grandfather of S'?

Ans
1. J × S ÷ R × U
2. S ÷ U × J ÷ R
3. R ÷ J ÷ S × U
4. S × U × R ÷ J

Question ID : **8161612170**
Status : **Not Answered**
Chosen Option : **--**

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Q.7 If the following interchanges are made in signs and numbers, which equation would be correct?

Interchanges:

Signs: ÷ and –

Numbers: 15 and 5

Ans

✔ 1. $4 \times 30 - 15 \div 5 + 12 = 21$

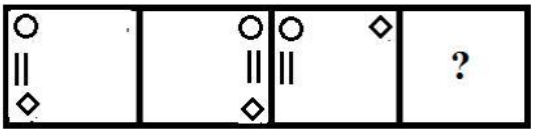
✘ 2. $12 \times 30 - 15 \div 5 + 4 = 37$

✘ 3. $4 \times 30 - 15 \div 5 + 12 = 27$

✘ 4. $4 \times 30 - 5 \div 15 + 14 = 21$

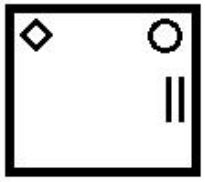
Question ID : **8161612158**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Select the option figure that can replace the question mark (?) in the following figure series.

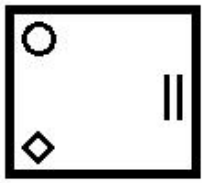


Ans

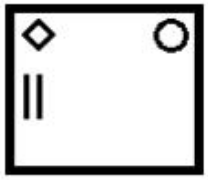
✔ 1.



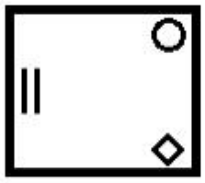
✘ 2.



✘ 3.



✘ 4.



Question ID : **8161612176**
Status : **Answered**
Chosen Option : **1**

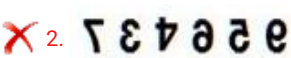
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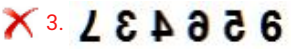
Q.9 Select the correct mirror image of the given number-cluster when a mirror is placed on the right side of the cluster.

9 5 6 4 3 7

Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **8161612180**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(15, 556, 331)

Ans

✘ 1. (4, 331, 305)

✘ 2. (17, 495, 104)

✔ 3. (9, 159, 78)

✘ 4. (12, 228, 74)

Question ID : **8161612160**
Status : **Answered**
Chosen Option : **1**

Q.11 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 conclusions logically follow(s) from the statements.

Statements:

1. Some computers are phones.

2. All phones are televisions.

Conclusions:

I. Some phones are computers.

II. Some televisions are computers.

III.No television is a computer.

Ans

✔ 1. Only conclusions I and II follow.

✘ 2. Only conclusions III follows.

✘ 3. Either conclusion II or III follows.

✘ 4. Only conclusions I and III follow.

Question ID : **8161612174**
Status : **Answered**
Chosen Option : **1**

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Q.12 In a certain code language, 'TENDER' is coded as '185414520'.How will 'REQUESTED' be coded as in that language?

Ans

✗ 1. 45221942116518

✗ 2. 45203952017558

✗ 3. 65101852117516

✓ 4. 45201952117518

Question ID : **8161612166**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(15, 49, 201)

Ans

✗ 1. (18, 58, 290)

✓ 2. (29, 91, 369)

✗ 3. (24, 76, 307)

✗ 4. (17, 55, 220)

Question ID : **8161612161**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Mankind
2. Manner
3. Manuscript
4. Management
5. Making

Ans

✓ 1. 5, 4, 1, 2, 3

✗ 2. 5, 4, 2, 1, 3

✗ 3. 5, 1, 4, 2, 3

✗ 4. 4, 1, 2, 3, 5

Question ID : **8161612164**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Select the number that can replace the question mark (?) in the following series.

88, 95, 106, 119, 136, 155, 178, ?

Ans

✗ 1. 217

✓ 2. 207

✗ 3. 249

✗ 4. 197

Question ID : **8161612162**
Status : **Answered**
Chosen Option : **4**

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Q.16 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Typhoid

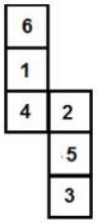
✓ 2. Depression

✗ 3. Malaria

✗ 4. Dengue

Question ID : **8161612173**
Status : **Not Answered**
Chosen Option : **--**

Q.17 A cube is made by folding the given sheet. In the cube so formed, which number would be on the face opposite to the one showing '5'?



Ans

✗ 1. 2

✓ 2. 1

✗ 3. 4

✗ 4. 6

Question ID : **8161612175**
Status : **Not Answered**
Chosen Option : **--**

Q.18 An amount of ₹504 is to be divided among three persons A, B and C in the ratio of 7 : 8 : 9, respectively. How much amount will B and C receive in total?

Ans

✓ 1. ₹357

✗ 2. ₹419

✗ 3. ₹317

✗ 4. ₹268

Question ID : **8161612157**
Status : **Answered**
Chosen Option : **1**

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Q.19 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.

LZ : OA :: UR : ?

Ans

✗ 1. FS

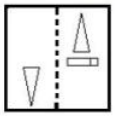
✗ 2. HB

✗ 3. GK

✓ 4. FI

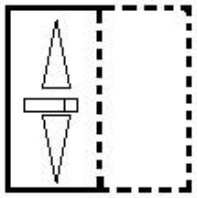
Question ID : **8161612167**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

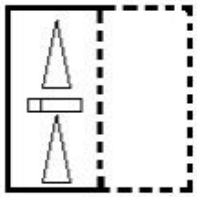


Ans

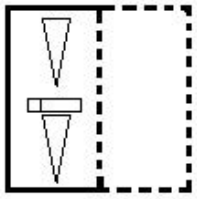
✗ 1.



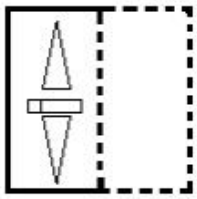
✗ 2.



✗ 3.



✓ 4.



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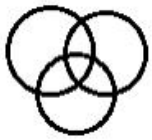
Question ID : **8161612179**
Status : **Answered**
Chosen Option : **1**

Q.21 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Ans
1. 11 : 1331
2. 12 : 1757
3. 7 : 343
4. 3 : 27

Question ID : **8161612163**
Status : **Answered**
Chosen Option : **2**

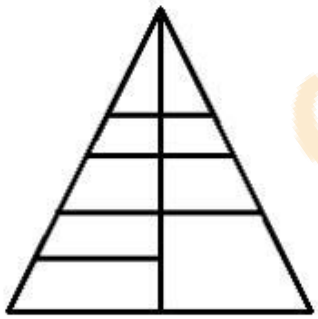
Q.22 Which of the following options best represents the given Venn diagram?



Ans
1. Mothers, Females, Aunts
2. Accountants, Literates, Human beings
3. Fathers, Nurses, Males
4. Mothers, Sisters, Daughters

Question ID : **8161612181**
Status : **Answered**
Chosen Option : **4**

Q.23 How many triangles are there in the given figure?



Ans
1. 11
2. 12
3. 13
4. 14

Question ID : **8161612177**
Status : **Answered**
Chosen Option : **3**

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Q.24 In a certain code language, 'SECTION' is written as 'PHZQLRK'. How will 'HOSTELS' be written as in that language?

Ans

✗ 1. ERPRGIP

✗ 2. EQPSHIP

✓ 3. ERPQHIP

✗ 4. FSPQHIQ

Question ID : **8161612165**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the option in which the words share the same relationship as that shared by the given pair of words.

Weight : Kilogram

Ans

✗ 1. Height : Length

✗ 2. Time : Clock

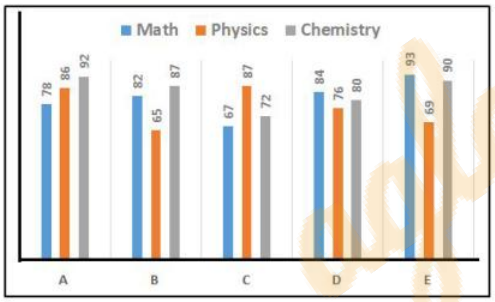
✗ 3. Distance : Hertz

✓ 4. Resistance : Ohm

Question ID : **8161612171**
Status : **Answered**
Chosen Option : **4**

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

Q.1 The following graph gives the performance of five students A, B, C, D, E in Math, Physics and Chemistry.



Based on the given information - considering that a performance is based on the difficulty level of the paper, which of the following statements is correct?

Ans

✗ 1. Math is easier for B than for E and A

✗ 2. For D, all subjects are of the same difficulty

✓ 3. Physics is easier for C than for B and E

✗ 4. For C, Math is the most difficult and Chemistry is the easiest

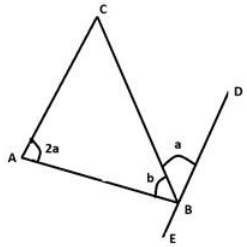
Question ID : **8161612205**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following numbers is divisible by 6?

Ans
1. 23,408
2. 43,923
3. 1,00,246
4. 3,49,722

Question ID : **8161612198**
Status : **Answered**
Chosen Option : **4**

Q.3 In the given figure, if AC, DE are parallel and $\angle CAB = 38°$, then the value of $\angle ABC + 5\angle CBD$ is:



Ans
1. 158°
2. 178°
3. 218°
4. 196°

Question ID : **8161612193**
Status : **Answered**
Chosen Option : **2**

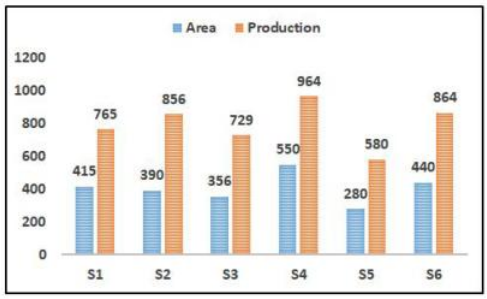
Q.4 The value of $\left[\frac{\sqrt{3}+2\sin P}{1-2\cos P}\right]^3 + \left[\frac{1+2\cos P}{\sqrt{3}-2\sin P}\right]^3$ is:

Ans
1. 0
2. $\sin P \cos P$
3. $2\sin P \cos P$
4. 1

Question ID : **8161612200**
Status : **Answered**
Chosen Option : **4**

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Q.5 The following graph shows the production of paddy in the agricultural land available the 6 places S1, S2, S3, S4, S5, S6 (area in hundreds of hectares and production in thousands of tonnes)



Based on the information, the production ratio (production to land) is highest and lowest, respectively, in:

Ans

✗ 1. S2, S1

✗ 2. S3, S6

✓ 3. S2, S4

✗ 4. S5, S3

Question ID : **8161612206**
Status : **Not Answered**
Chosen Option : **--**

Q.6 If 2145 : x :: 3003 : 42, then the value of y so that x : 2508 :: y : 11704, is:

Ans

✗ 1. 212

✗ 2. 156

✓ 3. 140

✗ 4. 96

Question ID : **8161612189**
Status : **Answered**
Chosen Option : **1**

Q.7 5 men and 8 women can complete a task in 34 days, whereas 4 men and 18 women can complete the same task in 28 days. In how many days can the same task be completed by 3 men and 5 women?

Ans

✗ 1. 64

✗ 2. 72

✓ 3. 56

✗ 4. 36

Question ID : **8161612182**
Status : **Answered**
Chosen Option : **2**

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Q.8 A person purchases 40 items at ₹10 each. He sells a part of them at 25% profit and the remaining at 10% loss. The net profit is 4% in this transaction. The number of items he sold at a loss, is:

Ans
1. 16
2. 22
3. 18
4. 24

Question ID : **8161612186**
Status : **Answered**
Chosen Option : **3**

Q.9 If, $2^{x+y-2z} = 8^{8z-5-y}; 5^{4y-6z} = 25^{y+z}; 3^{4x-3z} = 9^{x+z}$ then the value of $2x+3y+5z$ is:

Ans
1. 56
2. 44
3. 32
4. 28

Question ID : **8161612196**
Status : **Not Answered**
Chosen Option : **--**

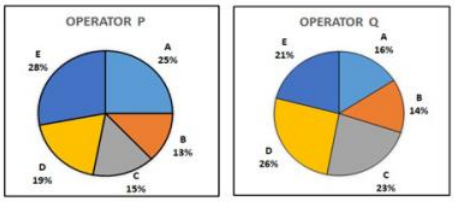
Q.10 ₹12,000 की राशि साधारण ब्याज, पर किसी ब्याज दर पर उधार ली गई। चार महीनों के बाद, इसमें ₹6,000 और जोड़े गए और कुल मूलधन पर ब्याज की दर को पिछली दर के मुकाबले दोगुना कर दिया गया। साल के अंत में, ब्याज के रूप में ₹2,800 का भुगतान किया गया, प्रारंभ में लगाई गई ब्याज दर की गणना करें?

Ans
1. 14%
2. 16%
3. 12%
4. 10%

Question ID : **8161612190**
Status : **Answered**
Chosen Option : **3**

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Q.11 The percentage of customers of two network operators P and Q across the cities A, B, C, D, E is shown in the given pie charts.



Based on the information in the pie charts, if the customers of operator P are 3.6 lakhs, and the customers of operator Q are 4.2 lakhs, then in the city C, the positive difference between the customers of the operators is:

Ans

✗ 1. 44,500

✓ 2. 42,600

✗ 3. 48,000

✗ 4. 52,000

Question ID : **8161612204**
Status : **Answered**
Chosen Option : **2**

Q.12 If $A = 2\left(\sin^6\theta + \cos^6\theta\right) - 3\left(\sin^4\theta + \cos^4\theta\right)$ then the value of 3α such that $cos\alpha = \sqrt{\frac{3+A}{5+A}}$ is:

Ans

✗ 1. 45°

✓ 2. 135°

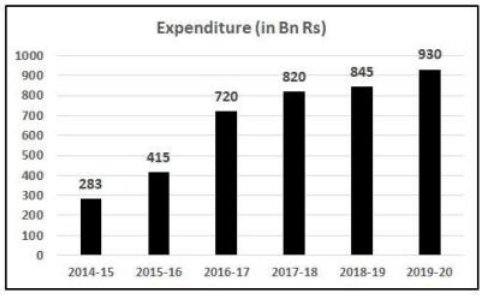
✗ 3. 180°

✗ 4. 90°

Question ID : **8161612202**
Status : **Answered**
Chosen Option : **4**

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Q.13 The following graph shows the expenditure on education sector by Indian government for the years-2014 -15 to 2019- 20



If the government plans to increase the expenditure by 30% on the average of the expenditures in 2016-17, 2017-18, 2018-19, then the approximate amount (in billions of rupees) to be spent in 2020-21 is:

Ans

1. ₹1,162.6 ✗
2. ₹1,129.5 ✗
3. ₹1,033.5 ✓
4. ₹1,087.3 ✗

Question ID : **8161612203**
Status : **Answered**
Chosen Option : **3**

Q.14

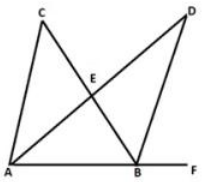
The value of $\left(a^{\frac{2}{3}}+2a^{\frac{1}{2}}+3a^{\frac{1}{3}}+2a^{\frac{1}{6}}+1\right)\left(a^{\frac{1}{3}}-2a^{\frac{1}{6}}+1\right)-a^{\frac{1}{2}}\left(a^{\frac{1}{2}}-2\right)$, when $a=7$, is:

Ans

1. 7 ✗
2. 0 ✗
3. 1 ✓
4. $\sqrt{7}$ ✗

Question ID : **8161612197**
Status : **Answered**
Chosen Option : **2**

Q.15 In the given figure, AD is bisector of angle $\angle CAB$ and BD is bisector of angle $\angle CBF$. If the angle at C is 34°, the angle $\angle ADB$ is:



Ans

1. $34°$ ✗
2. $32°$ ✗
3. $17°$ ✓
4. $16°$ ✗

Question ID : **8161612194**
Status : **Answered**
Chosen Option : **3**

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Q.16 A cylindrical vessel with radius 6 cm and height 5 cm is to be made by melting a number of spherical metal balls of diameter 2 cm. The minimum number of balls needed is:

Ans

✗ 1. 125

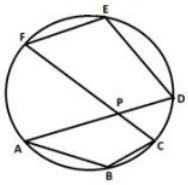
✓ 2. 135

✗ 3. 115

✗ 4. 105

Question ID : **8161612184**
Status : **Answered**
Chosen Option : **3**

Q.17 In the following figure, if angles $\angle ABC = 95°$ $\angle FED = 115°$ (not to scale). Then the angle $\angle APC$ is equal to:



Ans

✗ 1. 120°

✓ 2. 150°

✗ 3. 135°

✗ 4. 155°

Question ID : **8161612191**
Status : **Answered**
Chosen Option : **3**

Q.18 The value of $\frac{1}{\left(9-4\sqrt{5}\right)^2}+\frac{1}{\left(9+4\sqrt{5}\right)^2}$ is:

Ans

✓ 1. 322

✗ 2. 424

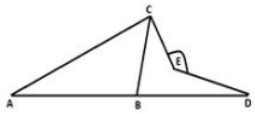
✗ 3. 246

✗ 4. 286

Question ID : **8161612195**
Status : **Answered**
Chosen Option : **2**

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Q.19 If in the given figure, $\angle ACB + \angle BAC = 80°; \angle BDE = 35°; \angle BCE = 45°$, then the marked angle $\angle CED$ is:



Ans

1. $150°$
2. $120°$
3. $160°$ ✔
4. $135°$

Question ID : **8161612192**
Status : **Answered**
Chosen Option : **3**

Q.20 If $117\,\mathrm{Cos}^2 A + 129\,\mathrm{Sin}^2 A = 120$ and $170\,\mathrm{Cos}^2 B + 158\,\mathrm{Sin}^2 B = 161$, then the value of $\mathrm{Cosec}^2 A\,\mathrm{Sec}^2 B$ is:

Ans

1. 1
2. 9
3. 4
4. 16 ✔

Question ID : **8161612201**
Status : **Answered**
Chosen Option : **1**

Q.21 A sells an item at 20% profit to B, B sells the same at 10% profit to C and receives ₹1,32,000.0. Had C purchased the same item from A, he would have spent 5% less than what he spent with B. What profit would A have made then?

Ans

1. ₹25,400 ✔
2. ₹24,450
3. ₹25,540
4. ₹24,540

Question ID : **8161612188**
Status : **Answered**
Chosen Option : **3**

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Q.22

If $A=\left[\frac{3}{7}\ of\ 4\frac{1}{5}\div\frac{18}{25}+\frac{17}{24}\right] of\ \left[\frac{289}{16}\div\left(\frac{3}{4}+\frac{2}{3}\right)^2\right]$, then the value of $8A$ is:

Ans
1. 231 ✔
2. 321 ✘
3. 132 ✘
4. 213 ✘

Question ID : **8161612199**
Status : **Answered**
Chosen Option : **4**

Q.23 The average of 35 consecutive natural numbers is N. Dropping the first 10 numbers and including the next 10 numbers, the average is changed to M. If the value of $M^2 - N^2 = 600$, then the average of $3M$ and $5N$ is:

Ans
1. 90 ✘
2. 120 ✘
3. 100 ✘
4. 115 ✔

Question ID : **8161612185**
Status : **Answered**
Chosen Option : **3**

Q.24 A man purchased a car for ₹12 lakhs and was insured for 80% of the cost. He sold the car at a 15% loss, but had not yet delivered it to the buyer when he met with an accident. After the accident, the car was damaged a lot and the insurance company paid 90% of the insured amount. The net difference in the two transactions is:

Ans
1. ₹1.56 lakhs ✔
2. ₹1.38 lakhs ✘
3. ₹92 lakhs ✘
4. ₹88 lakhs ✘

Question ID : **8161612187**
Status : **Answered**
Chosen Option : **2**

Q.25 The distance between two railway stations is 1176 km. To cover this distance, an express train takes 5 hours less than a passenger train while the average speed of the passenger train is 70 km/h less than that of the express train. The time taken by the passenger train to complete the travel is:

Ans
1. 18 hours ✘
2. 17 hours ✘
3. 23 hours ✘
4. 12 hours ✔

Question ID : **8161612183**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Who is the only Indian to have won the United Nations Award in the field of human rights?

Ans
1. Verghese Kurien
2. Ela Bhatt
3. Kanshi Ram
4. Baba Amte

Question ID : **8161612225**
Status : **Answered**
Chosen Option : **1**

Q.2 दिसंबर 1929 के काँग्रेस अधिवेशन की अध्यक्षता _____ ने की थी, जिसमें 'पूर्ण स्वराज' का प्रस्ताव पारित किया गया।

Ans
1. सी.आर. दास
2. वल्लभभाई पटेल
3. जवाहर लाल नेहरू
4. सुभाष चंद्र बोस

Question ID : **8161612208**
Status : **Answered**
Chosen Option : **2**

Q.3 भारत में किसे 'सार्वजनिक क्षेत्र के उपक्रमों के जनक' के रूप में जाना जाता है?

Ans
1. अशोक देसाई
2. वी. कृष्णमूर्ति
3. शशि शिवरामकृष्ण
4. प्रशान्त चन्द्र महालनोबिस

Question ID : **8161612214**
Status : **Answered**
Chosen Option : **2**

Q.4 What is the full form of PROM?

Ans
1. Program read-only memory
2. Primary read-only memory
3. Programmable read-only memory
4. Program read-output memory

Question ID : **8161612207**
Status : **Answered**
Chosen Option : **1**

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Q.5 **Who described the preamble of Indian Constitution as the 'Political horoscope of the Indian Constitution'?**

Ans
1. NA Palkhiwala
2. Kanhaiyalal Maniklal Munshi
3. Thakurdas Bhargav
4. Bhimrao Ramji Ambedkar

Question ID : **8161612227**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Who won the 'Most Valuable Player of the Series' award in IPL 2019?**

Ans
1. Andre Russell
2. KL Rahul
3. David Warner
4. Shubman Gill

Question ID : **8161612230**
Status : **Answered**
Chosen Option : **2**

Q.7 **'Mayurbhanj Chhau' is a folk dance form of which state?**

Ans
1. Odisha
2. Rajasthan
3. Karnataka
4. Maharashtra

Question ID : **8161612209**
Status : **Answered**
Chosen Option : **2**

Q.8 **निम्नलिखित किस भारतीय राज्य की विधानसभा द्वारा 9 जनवरी 2020 को राष्ट्रीय चिह्न और राज्य पुष्प - फॉक्सटेल ऑर्किड (राइनोकोस्टीलिस रेटुसा) युक्त एक पुनर्प्रारूपित लोगो (logo) को अपनाया गया?**

Ans
1. झारखंड विधानसभा
2. केरल विधानसभा
3. छत्तीसगढ़ विधानसभा
4. अरुणाचल प्रदेश विधानसभा

Question ID : **8161612212**
Status : **Answered**
Chosen Option : **1**

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Q.9 With reference to metals and their ores, which of the following pairs is INCORRECT?

Ans
1. Gold (Au) – Calaverite
2. Mercury (Hg) – Greenockite
3. Aluminium (Al) – Cryolite
4. Cobalt (Co) – Smelite

Question ID : **8161612216**
Status : **Answered**
Chosen Option : **3**

Q.10 Which river originates from Tibet and enters India through Arunachal Pradesh?

Ans
1. Chambal River
2. Godavari River
3. Brahmaputra River
4. Kaveri River

Question ID : **8161612221**
Status : **Answered**
Chosen Option : **2**

Q.11 How many districts of Uttar Pradesh started the second phase of Mission Indradhanush 2.0 at the block level on 7 January 2020?

Ans
1. 35
2. 25
3. 30
4. 40

Question ID : **8161612211**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In which battle did Ahmad Shah Abdali defeat the Marathas?

Ans
1. Battle of Buxar
2. First battle of Tarain
3. Battle of Khanwa
4. Third battle of Panipat

Question ID : **8161612223**
Status : **Answered**
Chosen Option : **3**

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Q.13 **Which company was ranked as the largest profit making PSU in India for the fiscal year 2018-2019?**

Ans
- ✔ 1. Oil & Natural Gas Corporation
- ✘ 2. Power Finance Corporation
- ✘ 3. Power Grid Corporation
- ✘ 4. Indian Oil

Question ID : **8161612215**
Status : **Answered**
Chosen Option : **3**

Q.14 **Garo-Khasi range is located in which Indian state?**

Ans
- ✔ 1. Meghalaya
- ✘ 2. Sikkim
- ✘ 3. Mizoram
- ✘ 4. Odisha

Question ID : **8161612219**
Status : **Answered**
Chosen Option : **2**

Q.15 **Who was the first Asian player to win the Junior Wimbledon's Boys singles title?**

Ans
- ✘ 1. Sumit Nagal
- ✘ 2. Mahesh Bhupathi
- ✘ 3. Vijay Amritraj
- ✔ 4. Ramanathan Krishnan

Question ID : **8161612229**
Status : **Answered**
Chosen Option : **1**

Q.16 **Which law states that the volume of an ideal gas at constant pressure is directly proportional to the absolute temperature?**

Ans
- ✘ 1. Joule's law
- ✘ 2. Boyle's law
- ✔ 3. Charles's law
- ✘ 4. Avogadro's law

Question ID : **8161612218**
Status : **Answered**
Chosen Option : **2**

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Q.17 On August 2019, Rambir Singh Khokhar won the 'Dronacharya award' in the lifetime category for his contribution in _____.

Ans
✔ 1. Kabaddi
✘ 2. Football
✘ 3. Hockey
✘ 4. Boxing

Question ID : **8161612231**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which is the tallest waterfall of India with a height of 1,493 ft?

Ans
✘ 1. Thalaiyar Falls, Tamil Nadu
✘ 2. Barkana Falls, Karnataka
✔ 3. Kunchikal Falls, Karnataka
✘ 4. Meenmutty Falls, Kerala

Question ID : **8161612220**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who threw a bomb in the central legislative assembly along with Bhagat Singh to protest against the Public Safety Bill in 1929?

Ans
✘ 1. Chandra Shekhar Azad
✔ 2. Batukeshwar Dutt
✘ 3. Rajguru
✘ 4. Subhash Chandra Bose

Question ID : **8161612224**
Status : **Answered**
Chosen Option : **1**

Q.20 On 30 October 2019, CBSE and NCERT, New Delhi developed an Aptitude Test for Senior School Students. What is the name of that test?

Ans
✘ 1. Akanksha
✘ 2. Udaan
✔ 3. Tamanna
✘ 4. Lakshya

Question ID : **8161612213**
Status : **Answered**
Chosen Option : **2**

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Q.21 Which Indian social activist and politician led the Self-Respect Movement or Dravidian Movement against Brahminism?

Ans
1. C Annadurai
2. Erode Venkatappa Ramasamy
3. P Theagaraya Chetty
4. C Rajagopalachari

Question ID : **8161612228**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The novel 'Quichotte' was shortlisted for the '2019 Booker Prize'. Who is the author of this book?

Ans
1. Arundhati Roy
2. Vikram Seth
3. Amitav Ghosh
4. Salman Rushdie

Question ID : **8161612226**
Status : **Answered**
Chosen Option : **1**

Q.23 Which sanctuary is famous for endangered Estuarine Crocodiles conservation in India?

Ans
1. Indira Gandhi Wildlife Sanctuary
2. Bhitarkanika Wildlife Sanctuary, Odisha
3. Chinnar Wildlife Sanctuary, Kerala
4. Dandeli Wildlife Sanctuary, Karnataka

Question ID : **8161612222**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which of the following eye disorders is known as 'lazy eye'?

Ans
1. Myopia
2. Presbyopia
3. Hypermetropia
4. Amblyopia

Question ID : **8161612217**
Status : **Answered**
Chosen Option : **1**

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Q.25 In which year did UNESCO include Yoga in its Intangible Cultural Heritage list?

Ans
1. 2014
2. 2016
3. 2018
4. 2015

Question ID : **8161612210**
Status : **Answered**
Chosen Option : **4**

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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

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

Q.1 **Identify the segment in the given sentence which contains the grammatical error.**

If India will win this match they will win the series.

Ans

✗ 1. they will win

✓ 2. If India will win

✗ 3. the series

✗ 4. this match

Question ID : **8161612649**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the INCORRECTLY spelt word.**

Ans

✗ 1. Rogue

✗ 2. Boutique

✓ 3. Placque

✗ 4. Lacquer

Question ID : **8161612657**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.**

As we've been neighbours, I have known Mrs. Shashi Singh since more than 16 years.

Ans

✗ 1. No improvement

✗ 2. from more than 16 years

✗ 3. by more than 16 years

✓ 4. for more than 16 years

Question ID : **8161612652**
Status : **Answered**
Chosen Option : **4**

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Q.4 **Select the word which means the same as the group of words given.**

A collection of drawings, documents, etc. That represent a person's, especially an artist's, work

Ans

✔ 1. Portfolio

✘ 2. Profile

✘ 3. Sketch

✘ 4. Dossier

Question ID : **8161612659**
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.

Hampi is a UNESCO World Heritage Site in India located near Hospet town in the Karnataka state, India. (1)_____ the attractions of Hampi (2)_____ beautiful temples, ruins of palaces (3)_____ of aquatic structures, ancient market streets, royal pavilions, bastions, royal platforms, treasury buildings...the list is practically (4)_____. Most of the visitors to Hampi arrive at the well-connected Hospet Junction railway station, (5)_____ about 13km from Hampi. Roads to Hampi are in great shape. Driving all the way to Hampi from the neighbouring cities is not a bad idea either.

SubQuestion No : 5

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

Ans

✘ 1. Aside

✔ 2. Among

✘ 3. Along

✘ 4. Away

Question ID : **8161612641**
Status : **Marked For Review**
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.

Hampi is a UNESCO World Heritage Site in India located near Hospet town in the Karnataka state, India. (1)_____ the attractions of Hampi (2)_____ beautiful temples, ruins of palaces (3)_____ of aquatic structures, ancient market streets, royal pavilions, bastions, royal platforms, treasury buildings...the list is practically (4)_____. Most of the visitors to Hampi arrive at the well-connected Hospet Junction railway station, (5)_____ about 13km from Hampi. Roads to Hampi are in great shape. Driving all the way to Hampi from the neighbouring cities is not a bad idea either.

SubQuestion No : 6

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

Ans

✗ 1. is

✓ 2. are

✗ 3. was

✗ 4. were

Question ID : **8161612642**
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.

Hampi is a UNESCO World Heritage Site in India located near Hospet town in the Karnataka state, India. (1)_____ the attractions of Hampi (2)_____ beautiful temples, ruins of palaces (3)_____ of aquatic structures, ancient market streets, royal pavilions, bastions, royal platforms, treasury buildings...the list is practically (4)_____. Most of the visitors to Hampi arrive at the well-connected Hospet Junction railway station, (5)_____ about 13km from Hampi. Roads to Hampi are in great shape. Driving all the way to Hampi from the neighbouring cities is not a bad idea either.

SubQuestion No : 7

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

Ans

✗ 1. refunds

✗ 2. revenues

✗ 3. returns

✓ 4. remains

Question ID : **8161612643**
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.

Hampi is a UNESCO World Heritage Site in India located near Hospet town in the Karnataka state, India. (1)_____ the attractions of Hampi (2)_____ beautiful temples, ruins of palaces (3)_____ of aquatic structures, ancient market streets, royal pavilions, bastions, royal platforms, treasury buildings...the list is practically (4)_____. Most of the visitors to Hampi arrive at the well-connected Hospet Junction railway station, (5)_____ about 13km from Hampi. Roads to Hampi are in great shape. Driving all the way to Hampi from the neighbouring cities is not a bad idea either.

SubQuestion No : 8

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

Ans

✔ 1. endless

✘ 2. finite

✘ 3. finished

✘ 4. written

Question ID : **8161612644**
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.

Hampi is a UNESCO World Heritage Site in India located near Hospet town in the Karnataka state, India. (1)_____ the attractions of Hampi (2)_____ beautiful temples, ruins of palaces (3)_____ of aquatic structures, ancient market streets, royal pavilions, bastions, royal platforms, treasury buildings...the list is practically (4)_____. Most of the visitors to Hampi arrive at the well-connected Hospet Junction railway station, (5)_____ about 13km from Hampi. Roads to Hampi are in great shape. Driving all the way to Hampi from the neighbouring cities is not a bad idea either.

SubQuestion No : 9

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

Ans

✘ 1. settled

✔ 2. located

✘ 3. fitted

✘ 4. placed

Question ID : **8161612645**
Status : **Answered**
Chosen Option : **2**

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

DISCLOSE

Ans

✔ 1. Conceal

✘ 2. Disguise

✘ 3. Disrupt

✘ 4. Complete

Question ID : **8161612653**
Status : **Answered**
Chosen Option : **1**

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

CONSTRAINT

Ans

✗ 1. Hazard

✗ 2. Burden

✗ 3. Concern

✓ 4. Control

Question ID : **8161612660**
Status : **Answered**
Chosen Option : **4**

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

A group of ships sailing together

Ans

✗ 1. Navy

✓ 2. Fleet

✗ 3. Vessels

✗ 4. Cruisers

Question ID : **8161612658**
Status : **Answered**
Chosen Option : **2**

Q.13 Given below are four jumbled sentences. Select the option that gives their correct order.

A. "Today, respect is shown in different ways," she said, "students have a more questioning bent of mind."

B. Vidya Subramaniam occupies a small but privileged place in the dance world that has seen the old guard giving place to the new.

C. Back in the day, respect meant not sitting on even the same level as one's gurus but that's no longer true, especially for those who live in Western milieus.

D. For instance, she spoke of how the very idea of 'respect' has changed over time.

Ans

✗ 1. BCAD

✗ 2. DBAC

✓ 3. BDCA

✗ 4. DCAB

Question ID : **8161612650**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the correctly spelt word.

Ans

✔ 1. Intention

✘ 2. Transishion

✘ 3. Injecshun

✘ 4. Fassion

Question ID : **8161612656**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.

Finally, Ananya found her pet kitten over the top branch of a tree in their garden.

Ans

✘ 1. No improvement

✔ 2. on the top branch of the tree

✘ 3. in a top branch of a tree

✘ 4. across the top branch in the tree

Question ID : **8161612651**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the most appropriate option to fill in the blank in the given sentence.

Timers at traffic signals, that help motorists save fuel by switching off their engines while waiting, will soon be phased out due to technical _____.

Ans

✘ 1. symbols

✘ 2. illuminations

✔ 3. glitches

✘ 4. streamers

Question ID : **8161612661**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the option that is the passive form of the given sentence.

She did not forget me even though I have been away for a year.

Ans

✘ 1. Even though I have been away for a year she did not forget me.

✔ 2. I have not been forgotten even though I have been away for a year.

✘ 3. Though I have been away for a year she has not forgot me.

✘ 4. Even though I have been away for a year she had not been forgotten.

Question ID : **8161612646**
Status : **Answered**
Chosen Option : **1**

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Q.18 **Select the option that is the direct form of the given sentence.**

Brinda told her doctor that she was leaving for Boston the next day.

Ans

✗ 1. Brinda told her doctor, “I was leaving for Boston tomorrow”.

✓ 2. Brinda said to her doctor, “I am leaving for Boston tomorrow.”

✗ 3. Brinda had told her doctor, “She was leaving for Boston the next day”.

✗ 4. Brinda told to her doctor, “I will be leaving for Boston the next day”.

Question ID : **8161612647**
Status : **Answered**
Chosen Option : **2**

Q.19 **Identify the segment in the given sentence which contains the grammatical error.**

I don’t recognise none of the politicians who have been invited to be the speakers today.

Ans

✗ 1. the speakers today

✗ 2. invited to be

✗ 3. the politicians who have been

✓ 4. I don’t recognise none of

Question ID : **8161612648**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the most appropriate option to fill in the blank in the given sentence.**

A _____ of small stones is called a mosaic.

Ans

✗ 1. Design

✗ 2. Structure

✗ 3. Mound

✓ 4. Pattern

Question ID : **8161612639**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

It took Rohan a long time to get the hang of the machine in the new factory.

Ans

✗ 1. Bring someone to run

✗ 2. Clean and dry

✗ 3. Put up safely

✓ 4. Learn how to use

Question ID : **8161612654**
Status : **Answered**
Chosen Option : **4**

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Q.22 **Select the most appropriate meaning of the given idiom.**

Fit as a fiddle

Ans

✗ 1. Of the right size

✗ 2. Singing happily

✗ 3. Playing a musical instrument

✓ 4. Healthy and strong

Question ID : **8161612655**
Status : **Answered**
Chosen Option : **4**

Q.23 **Select the most appropriate ANTONYM of the given word.**

ALTRUISTIC

Ans

✗ 1. Serene

✗ 2. Outstanding

✗ 3. Soft-spoken

✓ 4. Selfish

Question ID : **8161612637**
Status : **Answered**
Chosen Option : **4**

Q.24 **Given below are four jumbled sentences. Select the option that gives their correct order.**

A. He put it down to dry and went to count his coins.

B. When he came back, it seemed like the teapot had moved.

C. Akito walked into an old curiosity shop and bought a teapot and took it home.

D. Later that day, he cleaned the teapot till it shone like the sun.

Ans

✓ 1. CDAB

✗ 2. BCDA

✗ 3. ABDC

✗ 4. CABD

Question ID : **8161612636**
Status : **Answered**
Chosen Option : **1**

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

FOLIAGE

Ans

✗ 1. Foolishness

✗ 2. Urgency

✗ 3. Firmness

✓ 4. Greenery

Question ID : **8161612638**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Intelligence**

Q.1 A + B means 'A is the mother of B';

A – B means 'A is the sister of B';

A × B means 'A is the son of B';

A ÷ B means 'A is the father of B'.

If, K + U – T × R ÷ M, then how is K related to M?

Ans

✓ 1. Mother

✗ 2. Sister

✗ 3. Wife

✗ 4. Maternal grandmother

Question ID : **8161612675**
Status : **Answered**
Chosen Option : **1**

Q.2 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Dovetail
2. Domestic
3. Dominate
4. Donate
5. Dorsal

Ans

✗ 1. 2, 4, 3, 5, 1

✗ 2. 1, 3, 5, 4, 2

✓ 3. 2, 3, 4, 5, 1

✗ 4. 2, 3, 4, 1, 5

Question ID : **8161612669**
Status : **Answered**
Chosen Option : **3**

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Q.3 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. NTZ ✗
2. BGQ ✓
3. LRX ✗
4. FLR ✗

Question ID : **8161612677**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

8 : 81 : : 12 : ? : : 11 : 144

Ans
1. 196 ✗
2. 256 ✗
3. 169 ✓
4. 144 ✗

Question ID : **8161612664**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the number that can replace the question mark (?) in the following series.

65, 70, 80, 95, 115, ?, 170

Ans
1. 130 ✗
2. 165 ✗
3. 140 ✓
4. 145 ✗

Question ID : **8161612667**
Status : **Answered**
Chosen Option : **3**

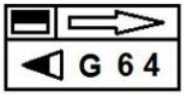
Q.6 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Ans
1. 22 : 506 ✗
2. 14 : 210 ✗
3. 17 : 306 ✗
4. 11 : 142 ✓

Question ID : **8161612668**
Status : **Answered**
Chosen Option : **4**

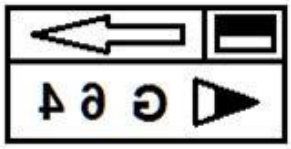
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Q.7 Select the correct mirror image of the given figure when a mirror is placed on the right side of the figure.

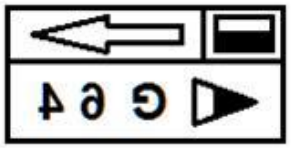


Ans

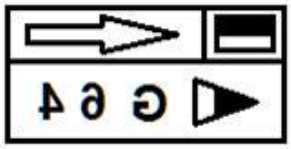
✔ 1.



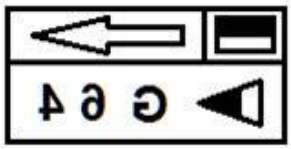
✘ 2.



✘ 3.



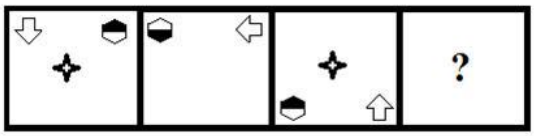
✘ 4.



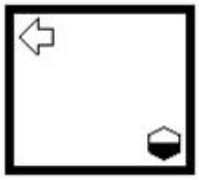
Question ID : **8161612685**
Status : **Answered**
Chosen Option : **1**

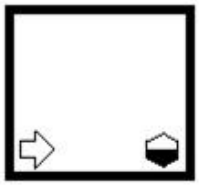
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Q.8 Select the option figure that can replace the question mark (?) in the following figure series.

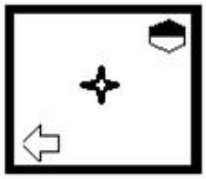


Ans

✗ 1.


✓ 2.


✗ 3.


✗ 4.


Question ID : **8161612681**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the option in which the words share the same relationship as that shared by the given pair of words.

Wheat : Cereal

Ans

✗ 1. Winner : Prize

✗ 2. Tea : Coffee

✓ 3. Cinnamon : Spices

✗ 4. City : Traffic

Question ID : **8161612676**
Status : **Answered**
Chosen Option : **3**

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Q.10 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Fork
✗ 2. Knife
✗ 3. Spoon
✓ 4. Spade

Question ID : **8161612678**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(789, 501, 645)

Ans

✗ 1. (645, 705, 573)
✗ 2. (701, 538, 600)
✓ 3. (455, 573, 514)
✗ 4. (224, 640, 330)

Question ID : **8161612665**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(13, 17, 442)

Ans

✓ 1. (18, 15, 540)
✗ 2. (17, 21, 367)
✗ 3. (15, 14, 415)
✗ 4. (11, 19, 628)

Question ID : **8161612666**
Status : **Answered**
Chosen Option : **1**

Q.13 In a certain code language, 'REQUIRE' is coded as '100'.How will 'ARRANGE' be coded as in that language?

Ans

✗ 1. 68
✗ 2. 88
✗ 3. 77
✓ 4. 71

Question ID : **8161612671**
Status : **Answered**
Chosen Option : **4**

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Q.14 'Nagaland' is related to 'Kohima' in the same way as 'Assam' is related to '_____'.

Ans
✗ 1. Assamese
✗ 2. Konkani
✓ 3. Dispur
✗ 4. Itanagar

Question ID : **8161612673**
Status : **Answered**
Chosen Option : **3**

Q.15 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 conclusions logically follow(s) from the statements.

Statements:

1. All boys are robots.

2. All girls are robots.

Conclusions:

I. Some robots are boys.

II. No robot is a girl.

III. Some robots are girls.

Ans
✓ 1. Only conclusions I and III follow.
✗ 2. Only conclusion III follows.
✗ 3. All conclusions I, II and III follow.
✗ 4. Only conclusions I and II follow.

Question ID : **8161612679**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the letter that can replace the question mark (?) in the following series.

K, B, N, D, Q, F, T, H, ?

Ans
✗ 1. V
✗ 2. K
✓ 3. W
✗ 4. J

Question ID : **8161612674**
Status : **Answered**
Chosen Option : **3**

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Q.17 Select the option figure that is embedded in the given figure X. (Rotation is not allowed)

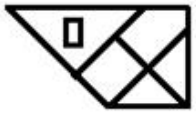


Figure X

Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **8161612683**
Status : **Answered**
Chosen Option : **1**

Q.18 If 29 January 2003 is a Wednesday, then what day of the week will be 26 February 2005?

Ans

✔ 1. Saturday

✘ 2. Sunday

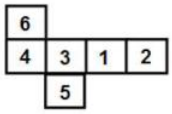
✘ 3. Thursday

✘ 4. Friday

Question ID : **8161612662**
Status : **Not Answered**
Chosen Option : **--**

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Q.19 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers will be on opposite faces?



Ans

✗ 1. 1 and 5
✗ 2. 6 and 3
✓ 3. 2 and 3
✗ 4. 1 and 6

Question ID : **8161612680**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the following equation.

11 * 15 * 78 * 6 *18 *160

Ans

✗ 1. +, ×, ÷, −, =
✗ 2. +, ×, −, ÷, =
✓ 3. ×, +, ÷, −, =
✗ 4. ×, +, −, ÷, =

Question ID : **8161612663**
Status : **Answered**
Chosen Option : **3**

Q.21 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.

KRZ : HOW : : CUX : ?

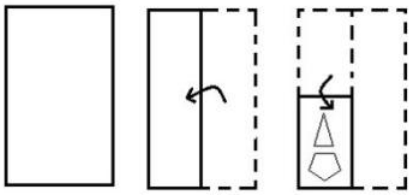
Ans

✓ 1. ZRU
✗ 2. ZTV
✗ 3. YSU
✗ 4. YTU

Question ID : **8161612672**
Status : **Answered**
Chosen Option : **1**

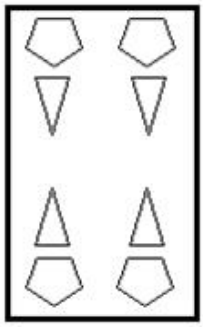
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Q.22 The sequence of folding a paper and the manner in which the folded paper has been cut is shown in the following figures. Select from the option figures, how would this paper look when unfolded?

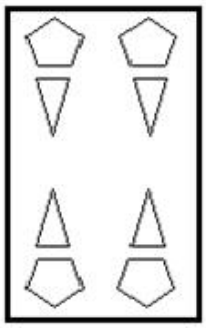


Ans

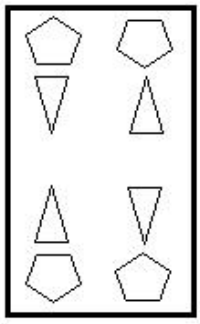
✗ 1.



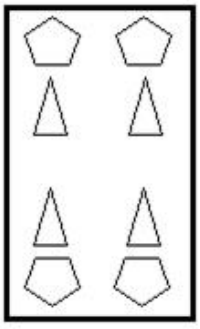
✓ 2.



✗ 3.



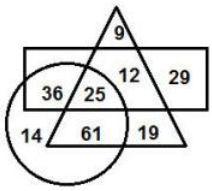
✗ 4.



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Question ID : **8161612684**
Status : **Answered**
Chosen Option : **2**

Q.23 In the given Venn Diagram, if the 'circle' represents 'senior lawyers', the 'triangle' represents 'fathers' and the 'rectangle' represents 'Indians', then how many Indian senior lawyers are there who are NOT fathers?



Ans
1. 36 ✔
2. 12 ✘
3. 25 ✘
4. 61 ✘

Question ID : **8161612686**
Status : **Answered**
Chosen Option : **1**

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



Ans
1. 14 ✘
2. 11 ✘
3. 15 ✘
4. 13 ✔

Question ID : **8161612682**
Status : **Answered**
Chosen Option : **4**

Q.25 In a certain code language, 'BEAUTY' is written as 'ZUVBFC'. How will 'MARTYR' be written as in that language?

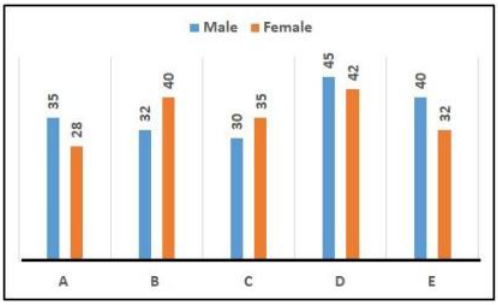
Ans
1. SZUSBN ✔
2. TXURBN ✘
3. SYUSDM ✘
4. SZUQDN ✘

Question ID : **8161612670**
Status : **Answered**
Chosen Option : **1**

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

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Q.1 The following graph gives the details of the male and female population (in thousands) across five places A, B, C, D and E.



Based on the information, the total number of females in all five places is approximately what percentage of the total number of males in all five places?

Ans

✗ 1. 99%

✗ 2. 95%

✗ 3. 94%

✓ 4. 97%

Question ID : **8161612709**
Status : **Answered**
Chosen Option : **4**

Q.2 If $CosA, SinA, CotA$ are in geometric progression, then the value of $Tan^6A - Tan^2A$ is:

Ans

✗ 1. $\frac{1}{2}$

✗ 2. 3

✗ 3. $\frac{1}{3}$

✓ 4. 1

Question ID : **8161612706**
Status : **Not Answered**
Chosen Option : **--**

Q.3 ₹4,000 is given at 5% per annum for one year and interest is compounded half yearly. ₹2,000 is given at 40% per annum compounded quarterly for 1 year. The total interest received is nearest to:

Ans

✗ 1. ₹1,444.40

✗ 2. ₹1,888.80

✓ 3. ₹1,130.70

✗ 4. ₹1,333.30

Question ID : **8161612695**
Status : **Answered**
Chosen Option : **3**

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Q.4 Evaluate $45 - 5$ of $(6.3 \div 9) + 7 \times 0.5$.

Ans

✗ 1. 40

✓ 2. 45

✗ 3. 50

✗ 4. 42

Question ID : **8161612704**
Status : **Answered**
Chosen Option : **2**

Q.5 A triangle has sides 25, 39, 34 units. If the area of a square exceeds the area of this triangle by 21 units, then the side of the square is:

Ans

✗ 1. 22 units

✓ 2. 21 units

✗ 3. 18 units

✗ 4. 25 units

Question ID : **8161612698**
Status : **Not Answered**
Chosen Option : **--**

Q.6 If $A = \frac{(0.1)^3 + (0.2)^3 + (0.3)^3 + 3(0.005 + 0.016 + 0.027) + 0.036}{(0.1)^2 + (0.2)^2 + (0.3)^2 + 0.04 + 0.06 + 0.12}$, then the value of 60A is:

Ans

✗ 1. 20

✗ 2. 60

✓ 3. 36

✗ 4. 30

Question ID : **8161612701**
Status : **Not Answered**
Chosen Option : **--**

Q.7 If $x^4 + \frac{1}{x^4} = \frac{257}{16}$ then find $\frac{8}{13}\left(x^3 + \frac{1}{x^3}\right)$, where $x > 0$.

Ans

✓ 1. 5

✗ 2. 4

✗ 3. 6

✗ 4. 8

Question ID : **8161612702**
Status : **Answered**
Chosen Option : **1**

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Q.8 If each edge of a cube is increased by 10%, then the percentage increase in its surface area is:

Ans

✔ 1. 21%

✘ 2. 19%

✘ 3. 22%

✘ 4. 20%

Question ID : **8161612692**
Status : **Answered**
Chosen Option : **1**

Q.9 If the number 59a44b is divisible by 36, then the maximum value of a + b is:

Ans

✘ 1. 16

✘ 2. 12

✔ 3. 14

✘ 4. 10

Question ID : **8161612703**
Status : **Answered**
Chosen Option : **3**

Q.10 A sphere is placed in a cube so that it touches all the faces of the cube. If 'a' is the ratio of the volume of the cube to the volume of the sphere, and 'b' is the ratio of the surface area of the sphere to the surface area of the cube, then the value of ab is:

Ans

✘ 1. $\frac{\pi^2}{36}$

✘ 2. $\frac{36}{\pi^2}$

✘ 3. 4

✔ 4. 1

Question ID : **8161612689**
Status : **Answered**
Chosen Option : **4**

Q.11 An oil merchant wants to make a minimum profit of ₹2,100 by selling 50 litres of oil he purchased at ₹236 per litre. For this, he adds a few litres of duplicate oil whose cost price is ₹180 per litre and sells at ₹250 per litre. How many litres of duplicate oil is needed for this purpose?

Ans

✘ 1. 22 litres

✘ 2. 16 litres

✘ 3. 18 litres

✔ 4. 20 litres

Question ID : **8161612693**
Status : **Not Answered**
Chosen Option : **--**

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Q.12 If $\frac{(1+\sin\theta-\cos\theta)}{(1+\sin\theta+\cos\theta)}+\frac{(1+\sin\theta+\cos\theta)}{(1+\sin\theta-\cos\theta)}=4$, then which of the following values will be suitable for θ?

Ans

✗ 1. $90°$

✗ 2. $60°$

✗ 3. $45°$

✓ 4. $30°$

Question ID : **8161612707**
Status : **Answered**
Chosen Option : **4**

Q.13 The distance between the places H and O is D units. The average speed that gets a person from H to O in a stipulated time is S units. He takes 20 minutes more time than usual if he travels at 60 km/h, and reaches 44 minutes early if he travels at 75 km/h. The sum of the numerical values of D and S is:

Ans

✗ 1. 358

✓ 2. 384

✗ 3. 376

✗ 4. 344

Question ID : **8161612688**
Status : **Answered**
Chosen Option : **2**

Q.14 If $a+b=8$ *and* $a+a^2b+b+ab^2=128$ then the positive value of a^3+b^3 is:

Ans

✗ 1. 96

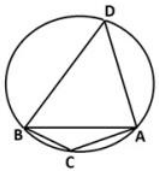
✗ 2. 224

✗ 3. 344

✓ 4. 152

Question ID : **8161612700**
Status : **Answered**
Chosen Option : **4**

Q.15 If in the following figure (not to the scale), $\angle ACB = 135°$ and the radius of the circle is $2\sqrt{2}$ cm, then the length of the chord AB is:



Ans

✗ 1. $3\sqrt{2}$ cm

✗ 2. $4\sqrt{2}$ cm

✓ 3. 4 cm

✗ 4. 6 cm

Question ID : **8161612697**
Status : **Answered**
Chosen Option : **3**

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Q.16 If $\text{SecA} = \frac{\sqrt{11}}{3}$, then the value of $\frac{\text{Cosec}^2\text{A}+\text{Tan}^2\text{A}}{\text{Sin}^2\text{A}+\text{Cot}^2\text{A}}$ is:

Ans

✗ 1. $\frac{9}{4}$

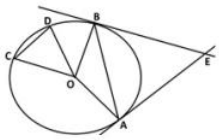
✗ 2. $\frac{4}{9}$

✓ 3. $\frac{11}{9}$

✗ 4. $\frac{2}{11}$

Question ID : **8161612705**
Status : **Answered**
Chosen Option : **3**

Q.17 In the following figure (not to scale), at the centre O, if the chord AB subtends double the angle that is subtended by chord CD and the angle $\angle AEB = 2\angle AOB$, then $\angle COD$ is equal to:



Ans

✓ 1. 30°

✗ 2. 45°

✗ 3. 60°

✗ 4. 75°

Question ID : **8161612696**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The ratio of a man's age to his father's age is 4 : 5, and the ratio of his age to his son's age is 6 : 1. Four years ago these ratios were 11 : 14 and 11 : 1, respectively. The ratio of the age of the grandfather to that of the grandson 12 years from now will be:

Ans

✗ 1. 12 : 5

✗ 2. 14 : 3

✓ 3. 18 : 5

✗ 4. 18 : 7

Question ID : **8161612694**
Status : **Not Answered**
Chosen Option : **--**

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Q.19 The numbers 24, 45, a, 35, 59, 83, 46, b, 29, 74 are serially numbered as they appear in the sequence. When each number is added to its serial number, then the average of the new numbers formed is 55. The average of the missing numbers (a and b) is:

Ans

✗ 1. 38

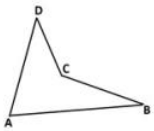
✗ 2. 58

✗ 3. 62

✓ 4. 50

Question ID : **8161612690**
Status : **Not Answered**
Chosen Option : **--**

Q.20 If in the following figure (not to scale), $\angle DAB + \angle CBA = 90°$, BC = AD, AB = 20 cm, CD = 10 cm then the area of the quadrilateral ABCD is:



Ans

✗ 1. $120\ cm^2$

✗ 2. $150\ cm^2$

✗ 3. $100\ cm^2$

✓ 4. $75\ cm^2$

Question ID : **8161612699**
Status : **Not Answered**
Chosen Option : **--**

Q.21 A person marks his 40 items at 20% of the cost price. He sells 10 items at a 10% discount and 20 items at a 15% discount on the marked price. What is the maximum discount (rounded off) he can offer on the remaining items if he still gets some profit?

Ans

✗ 1. 25%

✓ 2. 26%

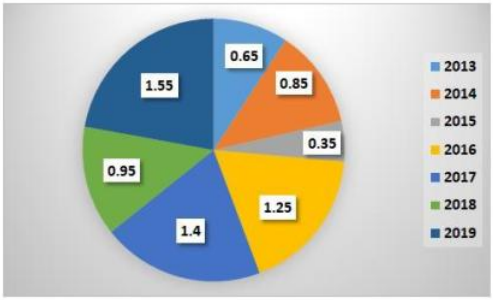
✗ 3. 28%

✗ 4. 21%

Question ID : **8161612691**
Status : **Not Answered**
Chosen Option : **--**

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Q.22 The following pie chart shows the ratio of the amount of imports by a company to the amount of exports from that company from 2013 to 2019.



If the imports in 2016 were ₹250 million and the total exports in the years 2016 and 2017 together were ₹500 million, then the imports in 2017 were:

Ans

✗ 1. ₹320 million

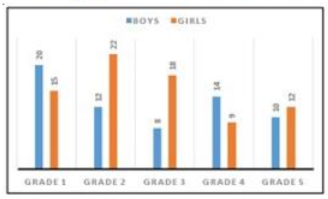
✓ 2. ₹420 million

✗ 3. ₹520 million

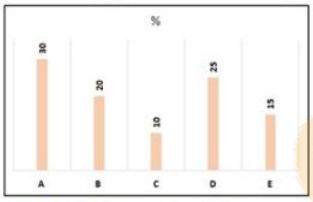
✗ 4. ₹620 million

Question ID : **8161612710**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The first graph shows the number of students (boys and girls in thousands) in Grade 1 to Grade 5.



And the bar graph below shows the percentage share of five schools in the total students studying in that class.



Based on the information, if the boys to girls ratio in school D is 3 : 1, then the number of boys studying in School D is:

Ans

✗ 1. 28750

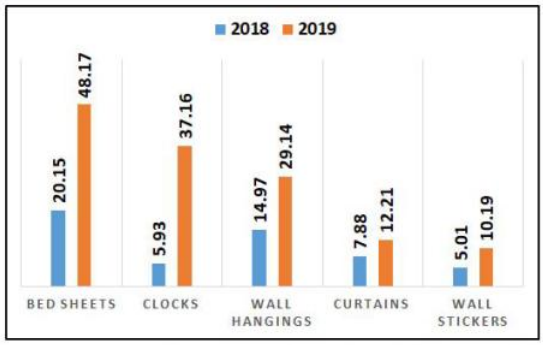
✗ 2. 25550

✗ 3. 22450

✓ 4. 26250

Question ID : **8161612711**
Status : **Not Answered**
Chosen Option : **--**

Q.24 A home decor company produces five different products - Bed sheets, Clocks, Wall hangings, Curtains and Wall stickers. The sales of these five products (in lakh number of packs) during 2018 and 2019 are shown in the following bar-graph.



Based on the given information, sales have increased by nearly 55% from 2018 to 2019 in the case of:

Ans

✔ 1. Curtains

✘ 2. Bed sheets

✘ 3. Wall stickers

✘ 4. Wall hangings

Question ID : **8161612708**
Status : **Answered**
Chosen Option : **1**

Q.25 A can finish a piece of work in a certain number of days. B takes 45% more number of days to finish the same work independently. They worked together for 58 days and then the remaining work was done by B alone in 29 days. In how many days could A have completed the work, had he worked alone?

Ans

✘ 1. 110 days

✔ 2. 118 days

✘ 3. 98 days

✘ 4. 120 days

Question ID : **8161612687**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Which Chola ruler was popularly called 'Victor of the Ganges'?

Ans

✘ 1. Gandaraditya Chola

✘ 2. Parantaka Chola I

✘ 3. Vijayalaya Chola

✔ 4. Rajendra Chola I

Question ID : **8161612728**
Status : **Not Answered**
Chosen Option : **--**

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Q.2 **Which of the following is a famous fossil site in India where a full-fledged skeleton of a dinosaur was found?**

Ans

✗ 1. Manendragarh, Chhattisgarh

✗ 2. Hathnora, Madhya Pradesh

✓ 3. Waddham, Maharashtra

✗ 4. Zanskar Valley, Kashmir

Question ID : **8161612727**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which governor general of India abolished Sati system in 1829 by declaring it an offence?**

Ans

✗ 1. Lord Wellesley

✓ 2. Lord William Bentinck

✗ 3. Lord Cornwallis

✗ 4. Lord Dalhousie

Question ID : **8161612729**
Status : **Answered**
Chosen Option : **2**

Q.4 **'Sattriya' is a traditional Hindu classical dance form of which state?**

Ans

✗ 1. Manipur

✓ 2. Assam

✗ 3. Goa

✗ 4. Odisha

Question ID : **8161612714**
Status : **Answered**
Chosen Option : **2**

Q.5 **How many agro-climatic zones (ACZ) are characterised by the Planning Commission of India?**

Ans

✗ 1. 30

✓ 2. 15

✗ 3. 10

✗ 4. 20

Question ID : **8161612726**
Status : **Not Answered**
Chosen Option : **--**

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Q.6 What is the mission life of the Cartosat-3 satellite launched by PSLV C-47 on 27 November 2019?

Ans

✗ 1. 4 years

✗ 2. 3 years

✗ 3. 2 years

✓ 4. 5 years

Question ID : **8161612718**
Status : **Not Answered**
Chosen Option : **--**

Q.7 When was the Backward and Minority Communities Employees Federation (BAMCEF) established in India?

Ans

✗ 1. 1979

✗ 2. 1980

✓ 3. 1978

✗ 4. 1982

Question ID : **8161612733**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which famous personality said the following?

"Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck?"

Ans

✓ 1. APJ Abdul Kalam

✗ 2. Homi Bhabha

✗ 3. Amartya Sen

✗ 4. Atal Bihari Vajpayee

Question ID : **8161612731**
Status : **Answered**
Chosen Option : **1**

Q.9 Which function key displays the Print Preview window in Microsoft Office?

Ans

✗ 1. Alt + F2

✗ 2. Alt + Ctrl + F2

✓ 3. Ctrl + F2

✗ 4. Shift + F2

Question ID : **8161612712**
Status : **Answered**
Chosen Option : **3**

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Q.10 **In 1930, which scientist was awarded the Nobel Prize for describing the human ABO blood group system?**

Ans

✔ 1. Karl Landsteiner

✘ 2. Albert Claude

✘ 3. Roger Guillemin

✘ 4. George Wald

Question ID : **8161612723**
Status : **Answered**
Chosen Option : **1**

Q.11 **India shares its land boundaries with which countries in the east?**

Ans

✘ 1. Pakistan and Afghanistan

✔ 2. Myanmar and Bangladesh

✘ 3. Bhutan and Afghanistan

✘ 4. China, Nepal and Bhutan

Question ID : **8161612724**
Status : **Answered**
Chosen Option : **4**

Q.12 **Cinnabar (HgS) is an ore of which metal?**

Ans

✘ 1. Gold

✘ 2. Silver

✔ 3. Mercury

✘ 4. Aluminum

Question ID : **8161612721**
Status : **Answered**
Chosen Option : **3**

Q.13 **Which Indian writer was awarded the 'Rabindranath Tagore Literary Prize 2019'?**

Ans

✘ 1. Arundhati Roy

✘ 2. Ramachandra Guha

✘ 3. Shashi Tharoor

✔ 4. Rana Dasgupta

Question ID : **8161612730**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 The Maharaja Ranjit Singh Gold Cup is associated with _____.

Ans
- ✗ 1. Football
- ✗ 2. Polo
- ✗ 3. Cricket
- ✓ 4. Hockey

Question ID : **8161612734**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In which state was the 8th edition of the India-China joint training exercise 'Hand-in-Hand 2019' held?

Ans
- ✗ 1. Maharashtra
- ✗ 2. Manipur
- ✓ 3. Meghalaya
- ✗ 4. Kerala

Question ID : **8161612716**
Status : **Answered**
Chosen Option : **3**

Q.16 How many elements of India were listed in the UNESCO Representative List of the Intangible Cultural Heritage of Humanity as of March 2018?

Ans
- ✓ 1. 13
- ✗ 2. 15
- ✗ 3. 18
- ✗ 4. 14

Question ID : **8161612715**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In which year did the JavaScript Programming language come into existence?

Ans
- ✗ 1. 2000
- ✗ 2. 1990
- ✓ 3. 1995
- ✗ 4. 1999

Question ID : **8161612713**
Status : **Not Answered**
Chosen Option : **--**

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Q.18 **Which of the following companies was conferred with Maharatna status in October 2019?**

Ans

✗ 1. Bharat Petroleum Corporation Limited

✗ 2. GAIL (India) Limited

✓ 3. Hindustan Petroleum Corporation Limited

✗ 4. Steel Authority of India limited

Question ID : **8161612720**
Status : **Answered**
Chosen Option : **3**

Q.19 **Which Indian banknote released in November 2016 features Mangalyaan on the reverse side?**

Ans

✗ 1. ₹500

✗ 2. ₹200

✗ 3. ₹100

✓ 4. ₹2,000

Question ID : **8161612719**
Status : **Answered**
Chosen Option : **4**

Q.20 **Which of the following is an example of the most explosive type of volcano?**

Ans

✗ 1. Cinder cones volcanoes

✗ 2. Flood basalt volcanoes

✗ 3. Shield volcanoes

✓ 4. Calderas volcanoes

Question ID : **8161612725**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Which former Indian cricketer was honored with the 'Bharat Gaurav Award' by the East Bengal Football Club in 2019?**

Ans

✗ 1. Rahul Dravid

✗ 2. Sunil Gavaskar

✗ 3. Sachin Tendulkar

✓ 4. Kapil Dev

Question ID : **8161612735**
Status : **Answered**
Chosen Option : **4**

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Q.22 **Who was conferred with the 'Female Sportsperson of the Year' award at the 'FICCI India Sports Awards 2019'?**

Ans

✗ 1. PV Sindhu

✓ 2. Rani Rampal

✗ 3. Geeta Phogat

✗ 4. Mary Kom

Question ID : **8161612736**
Status : **Answered**
Chosen Option : **1**

Q.23 **As per 'India State of Forest Report 2019', which state secured first position for the highest growth in forest area in the country?**

Ans

✗ 1. Andhra Pradesh

✗ 2. Odisha

✗ 3. Madhya Pradesh

✓ 4. Karnataka

Question ID : **8161612717**
Status : **Answered**
Chosen Option : **3**

Q.24 **When was the first Constituent Assembly election held in India?**

Ans

✗ 1. 1947

✓ 2. 1946

✗ 3. 1949

✗ 4. 1948

Question ID : **8161612732**
Status : **Answered**
Chosen Option : **3**

Q.25 **How many parathyroid glands are present on the back side of the thyroid gland in humans?**

Ans

✗ 1. Six

✗ 2. Three

✗ 3. Five

✓ 4. Four

Question ID : **8161612722**
Status : **Answered**
Chosen Option : **4**

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Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

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

Q.1 **Select the correctly spelt word.**

Ans

✗ 1. Restaurent

✗ 2. Memmoir

✓ 3. Business

✗ 4. Studiuous

Question ID : **8161612250**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the synonym of the given word.**

Nebulous

Ans

✗ 1. Stable

✗ 2. Dearly

✗ 3. Faith

✓ 4. Vague

Question ID : **8161612255**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Select the most appropriate option to fill in the blank in the given sentence.**

A _____ of small stones is called a mosaic.

Ans

✗ 1. design

✗ 2. structure

✓ 3. pattern

✗ 4. mound

Question ID : **8161612257**
Status : **Answered**
Chosen Option : **3**

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Q.4 **Select the most appropriate ANTONYM of the given word.**

METROPOLITAN

Ans
1. National
2. Insular
3. Federal
4. Provincial

Question ID : **8161612247**
Status : **Not Answered**
Chosen Option : **--**

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.

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 5

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

Ans
1. had
2. was
3. were
4. is

Question ID : **8161612237**
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.

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 6

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

Ans
1. who
2. which
3. where
4. what

Question ID : **8161612238**
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.

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 7

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

Ans

✗ 1. by

✗ 2. since

✓ 3. for

✗ 4. from

Question ID : **8161612239**
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.

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 8

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

Ans

✓ 1. and

✗ 2. if

✗ 3. but

✗ 4. nor

Question ID : **8161612240**
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.

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 9

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

Ans

✗ 1. ruin

✓ 2. example

✗ 3. organization

✗ 4. infrastructure

Question ID : **8161612241**
Status : **Answered**
Chosen Option : **2**

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

Lasting for a very short time

Ans

✗ 1. Illusory

✗ 2. Infinite

✓ 3. Ephemeral

✗ 4. Endless

Question ID : **8161612252**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the option that is the passive form of the given sentence.

The police brought a search warrant when they raided his house.

Ans

✓ 1. A search warrant was brought by the police when they raided his house.

✗ 2. A search warrant was brought when they raided his house by the police.

✗ 3. The police had raided his house and brought a search warrant.

✗ 4. A search warrant had been brought when the police raided his house.

Question ID : **8161612232**
Status : **Answered**
Chosen Option : **1**

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Q.12 **Select the most appropriate ANTONYM of the given word.**

INSTANT

Ans
✔ 1. Gradual
✘ 2. Diverse
✘ 3. Similar
✘ 4. Prompt

Question ID : **8161612246**
Status : **Answered**
Chosen Option : **1**

Q.13 **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.**

Since it falls on the floor, her dog, a black Labrador, gulped the biscuit down.

Ans
✔ 1. Since it fell
✘ 2. Because it is falling
✘ 3. No improvement
✘ 4. As it have fallen

Question ID : **8161612245**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the option that is the direct form of the given sentence.**

Nidhi exclaimed that it was a beautiful painting.

Ans
✔ 1. Nidhi exclaimed, "What a beautiful painting!"
✘ 2. Nidhi said to the artist, "That looks like a beautiful painting!"
✘ 3. Nidhi said to the artist in surprise, "How beautiful you made that painting!"
✘ 4. Nidhi told him in wonder, "How beautiful!"

Question ID : **8161612233**
Status : **Answered**
Chosen Option : **1**

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

Ans
✘ 1. Excess
✘ 2. Discriminatory
✔ 3. Supportors
✘ 4. Inclusion

Question ID : **8161612251**
Status : **Answered**
Chosen Option : **3**

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Q.16 **Select the word which means the same as the group of words given.**

Tending to associate with others of one's kind

Ans
- ✗ 1. Genial
- ✓ 2. Gregarious
- ✗ 3. Harmonious
- ✗ 4. Congruous

Question ID : **8161612253**
Status : **Answered**
Chosen Option : **3**

Q.17 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

Akshay is likely to take the heat for having miscalculated the expenses.

Ans
- ✗ 1. enjoy warm climate
- ✗ 2. feel very hot
- ✓ 3. receive criticism
- ✗ 4. scold everyone

Question ID : **8161612248**
Status : **Answered**
Chosen Option : **3**

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

To have a gut feeling

Ans
- ✗ 1. To have pain in the abdomen
- ✗ 2. To experience discomfort
- ✗ 3. To suffer from inflammation
- ✓ 4. To feel an instinct or intuition

Question ID : **8161612249**
Status : **Answered**
Chosen Option : **4**

Q.19 **Given below are four jumbled sentences. Select the option that gives their correct order.**

A. They grew cabbages and carrots in their back yard.
B. The family was very poor and was always hungry because there was a war on.
C. They also had a chicken, which provided the family with eggs, but still they were hungry.
D. Their country had been invaded by a foreign army.

Ans
- ✓ 1. BDAC
- ✗ 2. DABC
- ✗ 3. CADB
- ✗ 4. CDAB

Question ID : **8161612242**
Status : **Answered**
Chosen Option : **1**

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Q.20 **Given below are four jumbled sentences. Select the option that gives their correct order.**

A. I sow a seed.
B. I saw the sapling.
C. I saw the sprout.
D. I saw the plant.

Ans
1. CABD
2. ABCD
3. ACBD
4. DBAC

Question ID : **8161612243**
Status : **Answered**
Chosen Option : **2**

Q.21 **Identify the segment in the given sentence which contains the grammatical error.**

Most of voters in Taiwan seem to have once again voted for the democratic party and President Tsai Ing-wen.

Ans
1. the democratic party
2. in Taiwan seem to have
3. once again voted for
4. Most of voters

Question ID : **8161612235**
Status : **Answered**
Chosen Option : **3**

Q.22 **Identify the segment in the given sentence which contains the grammatical error.**

We noticed that most of the shoppers in the mall looking for packets of ready to cook food.

Ans
1. packets of ready to cook food
2. We noticed that
3. most of the shoppers
4. in the mall looking for

Question ID : **8161612234**
Status : **Answered**
Chosen Option : **4**

Q.23 **Select the most appropriate option to fill in the blank in the given sentence.**

The performances of the notable dancers and guest artists _____ the audience.

Ans
1. immersed
2. occupied
3. enthralled
4. absorbed

Question ID : **8161612256**
Status : **Answered**
Chosen Option : **3**

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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.**

This is a class who is expected to do exceptionally well in the quiz next week.

Ans

✔ 1. which is expected to do

✘ 2. which are expecting to be doing

✘ 3. that is expecting to done

✘ 4. No improvement

Question ID : **8161612244**
Status : **Answered**
Chosen Option : **1**

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

RIND

Ans

✘ 1. Leaf

✔ 2. Peel

✘ 3. Shade

✘ 4. Petal

Question ID : **8161612254**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Intelligence**

Q.1 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(1, 2, 2) (7, 35, 5) (12, 96, ?)

Ans

✘ 1. 11

✔ 2. 8

✘ 3. 7

✘ 4. 9

Question ID : **8161612264**
Status : **Answered**
Chosen Option : **2**

Q.2 In a certain code language, KNOWLEDGE is written as DEEGKLNOW. How will SERIAL be written as in the same language?

Ans

✘ 1. AELIRS

✘ 2. AEIRLM

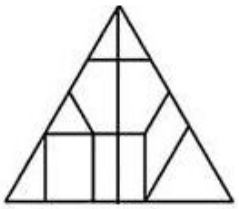
✘ 3. AEILRM

✔ 4. AEILRS

Question ID : **8161612266**
Status : **Answered**
Chosen Option : **1**

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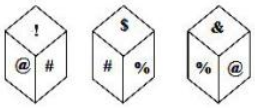
Q.3 How many triangles are there in the given figure?



Ans
1. 15 ✗
2. 12 ✗
3. 10 ✓
4. 8 ✗

Question ID : **8161612278**
Status : **Answered**
Chosen Option : **3**

Q.4 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one having '!'.



Ans
1. & ✗
2. $ ✗
3. # ✗
4. % ✓

Question ID : **8161612276**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the option that is related to the third term in the same way as the second term is related to the first term.

EASY : DDNF : : MAKE : ?

Ans
1. LFDL ✗
2. NXPX ✗
3. LDFL ✓
4. XXPN ✗

Question ID : **8161612268**
Status : **Answered**
Chosen Option : **3**

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Q.6 Select the figure that will come next in the following figure series.



Ans

1. 

2. 

3. 

4. 

Question ID : **8161612277**
Status : **Answered**
Chosen Option : **3**

Q.7 Rahul is three times as old as Amar. Amber was half the age of Rahul three years ago. After four years from now, Rahul will be 43. What are the present ages of Amar and Amber?

Ans

1. 38, 21
2. 13, 21
3. 39, 21
4. 13, 18

Question ID : **8161612258**
Status : **Answered**
Chosen Option : **2**

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

6, 9, 13, 21, 38, 71, ?

Ans
1. 129 ✔
2. 101 ✘
3. 99 ✘
4. 121 ✘

Question ID : **8161612263**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the letter cluster that will replace the question mark (?) in the following series.

JAM, KEL, LIK, ?, NUI

Ans
1. MAJ ✘
2. JEM ✘
3. MOJ ✔
4. MEJ ✘

Question ID : **8161612274**
Status : **Answered**
Chosen Option : **3**

Q.10 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:

I. Some men are animals.

II. All trees are rivers.

III. All animals are trees.

Conclusions:

I. Some men are rivers.

II. All rivers are animals.

III. All rivers are men.

IV. All men are trees.

Ans
1. Only conclusion IV follows ✘
2. Only conclusions I and II follow ✘
3. Only conclusion I follows ✔
4. Only conclusions III and II follow ✘

Question ID : **8161612275**
Status : **Answered**
Chosen Option : **3**

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Q.11 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. State
2. Village
3. District
4. City
5. Country

Ans

✔ 1. 2,4,3,1,5

✘ 2. 1,3,5,4,2

✘ 3. 1,3,5,2,4

✘ 4. 4,3,5,2,1

Question ID : **8161612265**
Status : **Answered**
Chosen Option : **1**

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Q.12 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.



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Question ID : **8161612281**
Status : **Answered**
Chosen Option : **2**

Q.13 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 : **8161612280**
Status : **Answered**
Chosen Option : **2**

Q.14 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans

✗ 1. ADGPI

✗ 2. OMKLU

✓ 3. VDCKA

✗ 4. ECVMU

Question ID : **8161612273**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the option that is related to the third term in the same way as the second term is related to the first term.

AIDS : VIRUS : : MALARIA : ?

Ans

✗ 1. Virus

✓ 2. Parasite

✗ 3. Bacteria

✗ 4. Nematodes

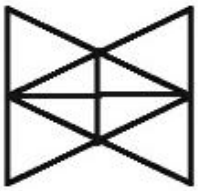
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Status : **Answered**
Chosen Option : **3**

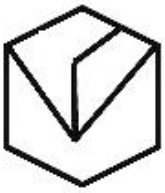
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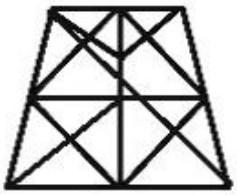
Q.16 Select the option in which the given figure is embedded. (Rotation is NOT allowed)

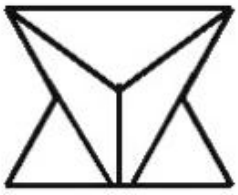


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **8161612279**
Status : **Answered**
Chosen Option : **1**

Q.17 Pointing to a picture of Rajiv, a lady Neena said, "His sister's father is the only son of my father-in-law." How is Neena related to Rajiv?

Ans

✘ 1. Sister

✘ 2. Granddaughter

✔ 3. Mother

✘ 4. Paternal Grandmother

Question ID : **8161612271**
Status : **Answered**
Chosen Option : **3**

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Q.18 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

abcc_ _ _ab_ _ _de_ _ccd_eab_ _ _de

Ans

✔ 1. ddeccdabdccd

✘ 2. ddecbdccdcda

✘ 3. ccdabdccddde

✘ 4. ddeccdabddcc

Question ID : **8161612270**
Status : **Answered**
Chosen Option : **1**

Q.19 A boy has a total of ₹740 in the denominations of two rupee, five rupee, ten rupee and twenty rupee notes. If the number of each denomination is equal, what is the total number of notes the boy has?

Ans

✔ 1. 80

✘ 2. 60

✘ 3. 40

✘ 4. 20

Question ID : **8161612260**
Status : **Answered**
Chosen Option : **4**

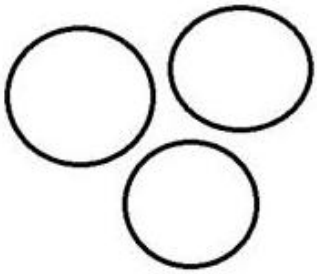
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Q.20 Select the Venn diagram that best represents the relationship between the following classes.

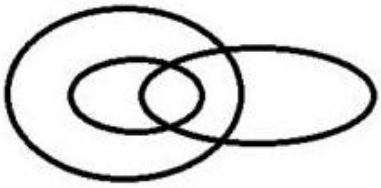
Doctors, Neurosurgeons, Female

Ans

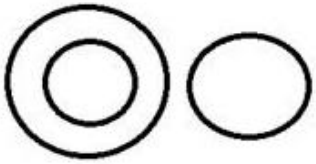
✗ 1.



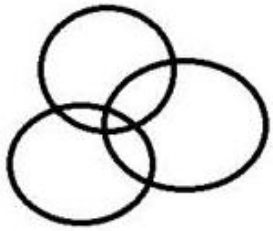
✓ 2.



✗ 3.



✗ 4.



Question ID : **8161612282**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the option in which the words in the word-pair shares the same relationship as that shared by the given word-pair.

Tiger : Felidae

Ans

✗ 1. Rabbit : Bovidae

✗ 2. Lion : Leporidae

✗ 3. Elephant : Canidae

✓ 4. Whale : Cetacea

Question ID : **8161612272**
Status : **Not Answered**
Chosen Option : **--**

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Q.22 Select the option in which the number set shares the same relationship as that shared by the given number set.

(6, 42, 1890)

Ans
1. (2, 6, 54)
2. (4, 20, 420)
3. (7, 23, 1069)
4. (9, 102, 1190)

Question ID : **8161612262**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In a certain code language, IF is written as 225 and BUT is written as 1849. How will SLIP be written as in that language?

Ans
1. 3136
2. 1336
3. 6313
4. 3163

Question ID : **8161612267**
Status : **Answered**
Chosen Option : **1**

Q.24 Find the missing number from the below options.

16	30	18
4	34	?
10	32	40

Ans
1. 62
2. 22
3. 38
4. 58

Question ID : **8161612261**
Status : **Not Answered**
Chosen Option : **--**

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Q.25 Which two signs should be interchanged in the given equation to make it correct?

$4 - 7 \times 28 + 12 \div 3 = 4$

Ans
1. – and ÷
2. × and –
3. × and +
4. × and ÷

Question ID : **8161612259**
Status : **Answered**
Chosen Option : **2**

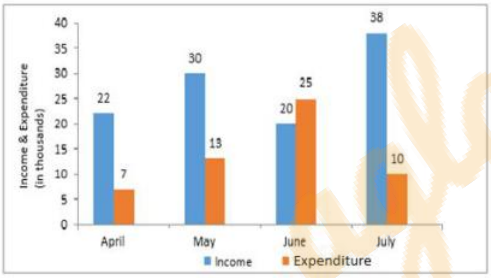
Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

Q.1 The marked price and cost price of a book are ₹850 and ₹748, respectively. The discount in percentage is:

Ans
1. 12%
2. 10%
3. 15%
4. 8%

Question ID : **8161612287**
Status : **Answered**
Chosen Option : **1**

Q.2 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.



What is the average expenditure of the person?

Ans
1. ₹17,520
2. ₹17,250
3. ₹13,750
4. ₹15,570

Question ID : **8161612305**
Status : **Answered**
Chosen Option : **3**

Q.3 If the average of 35 numbers is 22, the average of the first 17 numbers is 19, and the average of the last 17 numbers is 20, then the 18^{th} number is:

Ans
1. 133
2. 107
3. 132
4. 108

Question ID : **8161612286**
Status : **Answered**
Chosen Option : **2**

Q.4 If $xy = 16$ and $x^2 + y^2 = 32$, then the value of $(x + y)$ is:

Ans
1. ± 4
2. ± 10
3. ± 6
4. ± 8

Question ID : **8161612298**
Status : **Answered**
Chosen Option : **4**

Q.5 Find the factors of the expression $3x^2 - 5x - 8$.

Ans
1. $(x - 1)$ and $(3x - 8)$
2. $(x + 1)$ and $(3x - 8)$
3. $(x + 1)$ and $(3x + 8)$
4. $(x - 1)$ and $(3x + 8)$

Question ID : **8161612297**
Status : **Answered**
Chosen Option : **2**

Q.6 A train that is running at the speed of 72 km/h crosses an electric pole in 36 seconds. The length of the train (in metres) is:

Ans
1. 360 m
2. 460 m
3. 620 m
4. 720 m

Question ID : **8161612284**
Status : **Answered**
Chosen Option : **4**

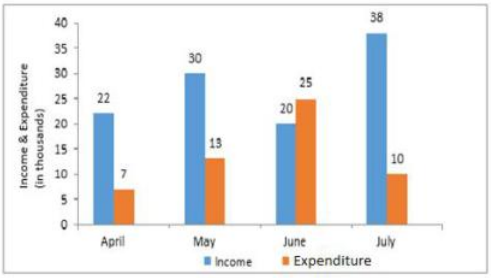
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Q.7 If 2794p561 is divisible by 9, then the value of p is:

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

Question ID : **8161612299**
Status : **Answered**
Chosen Option : **3**

Q.8 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.



What is the average income of the person?

Ans
1. ₹27,500
2. ₹17,500
3. ₹20,500
4. ₹25,500

Question ID : **8161612304**
Status : **Answered**
Chosen Option : **1**

Q.9 In a circle two equal and parallel chords are 6 cm apart and lie on the opposite sides of the centre of the circle. If the length of each chord is 8 cm, than the radius of the circle is:

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

Question ID : **8161612293**
Status : **Answered**
Chosen Option : **1**

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Q.10 The compound interest and the amount obtained, on a certain sum of money are ₹820 and ₹8,820 respectively after 2 years. If the rate of interest compounded yearly, then the rate of interest is:

Ans
1. 8%
2. 6%
3. 5%
4. 7%

Question ID : **8161612291**
Status : **Answered**
Chosen Option : **3**

Q.11 The value of $(72 + 34) \div 2 + [\{(75 \div 15) + 6\} \times 2]$ is:

Ans
1. 74
2. 75
3. 86
4. 78

Question ID : **8161612300**
Status : **Answered**
Chosen Option : **2**

Q.12 In ΔPQR, S and T are mid-points of PQ and PR, respectively. If $\angle QPR = 75°$ and $\angle PRQ = 40°$, then $\angle TSQ$ is:

Ans
1. 135°
2. 120°
3. 105°
4. 115°

Question ID : **8161612295**
Status : **Answered**
Chosen Option : **4**

Q.13 Tap A can fill a tank in 6 hours, tap B can fill the same tank in 8 hours and tap C can empty the same tank in 4 hours. If all three taps A, B and C are opened together, then how much time (in hours) will be taken to fill the tank?

Ans
1. 24
2. 30
3. 28
4. 20

Question ID : **8161612283**
Status : **Answered**
Chosen Option : **1**

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Q.14 If a : b = 3 : 5 and b : c = 2 : 3, then the proportion a : b : c is:

Ans
✔ 1. 6 : 10 : 15
✘ 2. 3 : 5 : 3
✘ 3. 3 : 10 : 3
✘ 4. 3 : 10 : 15

Question ID : **8161612290**
Status : **Answered**
Chosen Option : **1**

Q.15 If Ravi sells an old scooter for ₹18,000, then his loss incurred is 10%. If he sells it to gain a profit of 15%, then the selling price is:

Ans
✘ 1. ₹20,000
✘ 2. ₹22,000
✘ 3. ₹24,000
✔ 4. ₹23,000

Question ID : **8161612289**
Status : **Answered**
Chosen Option : **4**

Q.16 If $sinx - cosx = 0$, then the value of $(\sin^3 x - \cos^3 x)$ is:

Ans
✔ 1. 0
✘ 2. 2
✘ 3. 1
✘ 4. 4

Question ID : **8161612303**
Status : **Answered**
Chosen Option : **1**

Q.17 If the measures of the sides of a cuboid are 8 cm, 6 cm and 10 cm, then the volume (in cm^3) of the cuboid, is:

Ans
✘ 1. 840
✘ 2. 540
✔ 3. 480
✘ 4. 680

Question ID : **8161612285**
Status : **Answered**
Chosen Option : **3**

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Q.18 To a circle with centre at O, two tangents AP and AQ are drawn from an external point A. If the ∠PAQ = 80°, then the ∠POQ is:

Ans

✗ 1. 90°

✗ 2. 80°

✗ 3. 70°

✓ 4. 100°

Question ID : **8161612292**
Status : **Answered**
Chosen Option : **4**

Q.19 $\frac{cotx}{1+cosecx}+\frac{1+cosecx}{cotx}$ is equal to:

Ans

✓ 1. $2secx$

✗ 2. $2cosx$

✗ 3. $2cosecx$

✗ 4. $2sinx$

Question ID : **8161612302**
Status : **Answered**
Chosen Option : **1**

Q.20 In a ΔABC, DE is parallel to BC where D and E are the points on AB and AC, respectively and AD = 4cm, DB = 8 cm, AE = 3 cm. Length of EC is:

Ans

✗ 1. 5 cm

✓ 2. 6 cm

✗ 3. 7 cm

✗ 4. 9 cm

Question ID : **8161612294**
Status : **Answered**
Chosen Option : **2**

Q.21 If $tanx=\frac{m}{n}$ and $0°\leq x\leq 90°$, then the value of $(sinx+cosx)$ is:

Ans

✗ 1. $\frac{1}{\sqrt{m^2-n^2}}$

✗ 2. $\frac{1}{\sqrt{m^2+n^2}}$

✓ 3. $\frac{m+n}{\sqrt{m^2+n^2}}$

✗ 4. $\sqrt{m^2-n^2}$

Question ID : **8161612301**
Status : **Answered**
Chosen Option : **3**

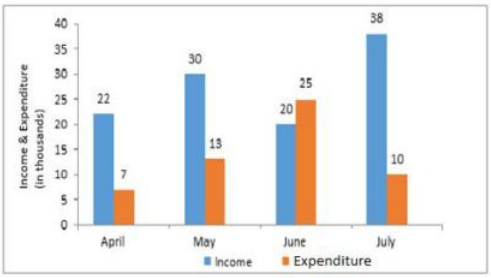
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Q.22 If 40% of a number is less than its 60% by 30, then the 20% of that number is:

Ans
1. 60
2. 40
3. 50
4. 30

Question ID : **8161612288**
Status : **Answered**
Chosen Option : **4**

Q.23 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.



What is the percentage of the total expenditure of the total income?

Ans
1. 40%
2. 50%
3. 30%
4. 20%

Question ID : **8161612307**
Status : **Answered**
Chosen Option : **2**

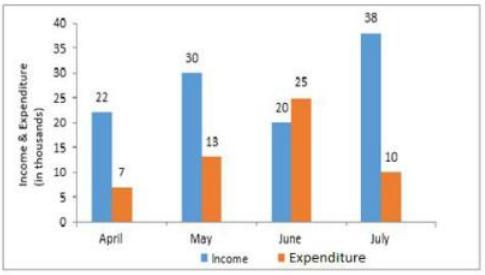
Q.24 If $a + b = 10$ and $\frac{3}{7}$ of $ab = 9$, then the value of $a^3 + b^3$ is:

Ans
1. 350
2. 270
3. 370
4. 360

Question ID : **8161612296**
Status : **Answered**
Chosen Option : **3**

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Q.25 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.



What is the percentage difference between the total income and the total expenditure with respect to the total income?

Ans

✗ 1. 65%

✗ 2. 60%

✗ 3. 70%

✓ 4. 50%

Question ID : **8161612306**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 **When was the 'Rajiv Gandhi Khel Ratna Award' instituted?**

Ans

✗ 1. 1985-86

✗ 2. 2002-03

✓ 3. 1991–92

✗ 4. 1993-94

Question ID : **8161612330**
Status : **Answered**
Chosen Option : **1**

Q.2 **Who was sworn in as the 11th Chief Minister of Jharkhand on 29 December 2019?**

Ans

✗ 1. Raghubar Das

✗ 2. Shibu Soren

✗ 3. Alamgir Alam

✓ 4. Hemant Soren

Question ID : **8161612312**
Status : **Answered**
Chosen Option : **4**

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Q.3 As per state census 2011, which of the following is the least populous state of India?

Ans
✔ 1. Sikkim
✘ 2. Tamil Nadu
✘ 3. Kerala
✘ 4. Odisha

Question ID : **8161612320**
Status : **Answered**
Chosen Option : **1**

Q.4 Which player became the first Indian brand ambassador of La Liga (the top tier of Spanish club football) in December 2019?

Ans
✔ 1. Rohit Sharma
✘ 2. Mahendra Singh Dhoni
✘ 3. Virat Kohli
✘ 4. Sachin Tendulkar

Question ID : **8161612331**
Status : **Answered**
Chosen Option : **1**

Q.5 On December 2019, the Prime Minister of _____ announced the commencement of the 'Gandhi Citizenship Education Award' to be given every year.

Ans
✔ 1. Portugal
✘ 2. Japan
✘ 3. Bhutan
✘ 4. France

Question ID : **8161612313**
Status : **Answered**
Chosen Option : **3**

Q.6 What was India's rank in the world in terms of military power as per the 'Global Firepower Nations Index 2019'?

Ans
✘ 1. 3rd
✘ 2. 5th
✔ 3. 4th
✘ 4. 9th

Question ID : **8161612314**
Status : **Answered**
Chosen Option : **3**

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Q.7 **Which festival marks the beginning of the Tibetan New Year?**

Ans
1. Saga Dawa Festival
2. Losar festival
3. Shoton Festival
4. Ongkor Festival

Question ID : **8161612310**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Which instrument records the waves reaching the surface during an earthquake?**

Ans
1. Barograph
2. Seismograph
3. Manometer
4. Chronometer

Question ID : **8161612321**
Status : **Answered**
Chosen Option : **2**

Q.9 **Which scientist arranged the Periodic Table of Elements in the order of increasing atomic masses?**

Ans
1. Robert Boyle
2. Henry Moseley
3. William Ramsay
4. Dmitri Mendeleev

Question ID : **8161612319**
Status : **Answered**
Chosen Option : **4**

Q.10 **What is the chemical name of 'oil of vitriol'?**

Ans
1. Calcium hydroxide
2. Methyl alcohol
3. Sulfuric acid
4. Sodium chloride

Question ID : **8161612317**
Status : **Not Answered**
Chosen Option : **--**

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Q.11 In which year did Motilal Nehru (Chairman) and eight other Congress leaders draft a constitution for India?

Ans
1. 1925
2. 1950
3. 1928
4. 1930

Question ID : **8161612328**
Status : **Answered**
Chosen Option : **4**

Q.12 Which planet is made up of thick white and yellowish clouds of sulfuric acid?

Ans
1. Mars
2. Uranus
3. Neptune
4. Venus

Question ID : **8161612318**
Status : **Not Answered**
Chosen Option : **--**

Q.13 On which date did Indian National Congress pass the Resolution of 'Poorna Swaraj' (total independence) at the Lahore Session?

Ans
1. 19 December 1929
2. 26 December 1929
3. 15 December 1929
4. 21 December 1929

Question ID : **8161612325**
Status : **Answered**
Chosen Option : **4**

Q.14 Which of the following pairs is INCORRECTLY matched?

Ans
1. Indian Oil Corporation Limited – Maharatna
2. Hindustan Aeronautics Limited – Navratna
3. Airport Authority of India – Navratna
4. Bharat Sanchar Nigam Limited – Miniratna

Question ID : **8161612315**
Status : **Answered**
Chosen Option : **2**

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Q.15 What is the provision of Article 49 of the Constitution of India?

Ans
1. Provision for free and compulsory education for children
2. Protection of monuments and places and objects of natural importance
3. Prohibition of employment of children (Under the age of 14) in factories and mines
4. Promotion of international peace and security

Question ID : **8161612329**
Status : **Answered**
Chosen Option : **1**

Q.16 Which of the following temples has Panchayatana Style of architecture?

Ans
1. Sun Temple
2. Kashi Vishwanath temple
3. Brihadeeswara Temple
4. Dashavatara Temple

Question ID : **8161612311**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In which language were the Mughal court chronicles written?

Ans
1. Sanskrit
2. Hindi
3. Persian
4. Urdu

Question ID : **8161612324**
Status : **Answered**
Chosen Option : **3**

Q.18 Which of the following prominent leaders wrote the book 'Citizen Delhi: My Life, My Times'?

Ans
1. Arvind Kejriwal
2. Arun Jaitley
3. Harsh Vardhan
4. Sheila Dikshit

Question ID : **8161612326**
Status : **Answered**
Chosen Option : **1**

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Q.19 **Who designed the first analog computer in India?**

Ans
- ✔ 1. Samarendra Kumar Mitra
- ✘ 2. Deb Kumar Bose
- ✘ 3. Subodh Chandra Das Gupta
- ✘ 4. Bimal Kumar Bhattacharyya

Question ID : **8161612309**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Which of the following monuments has NOT been notified as a National Geo-heritage Monument by the Geological Survey of India (GSI)?**

Ans
- ✘ 1. Pillow Lava in Iron Ore belt at Nomira, Odisha
- ✘ 2. Peninsular Gneiss Lalbagh, Karnataka
- ✘ 3. Nagahill Ophiolite site near Pungro, Nagaland
- ✔ 4. Gingee Fort Villupuram District, Tamil Nadu

Question ID : **8161612323**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **In DASD, what is the full form of 'A'?**

Ans
- ✘ 1. Around
- ✘ 2. Accessible
- ✘ 3. Arithmetic
- ✔ 4. Access

Question ID : **8161612308**
Status : **Answered**
Chosen Option : **3**

Q.22 **Which child activist became the first Indian to be awarded the 'Changemaker Award 2019' (given by the Bill and Melinda Gates Foundation) for her work towards abolition of child marriage in Rajasthan?**

Ans
- ✘ 1. Ayushi Dholakia
- ✘ 2. Kanchan Upadhaya
- ✘ 3. Ridhima Pandey
- ✔ 4. Payal Jangid

Question ID : **8161612327**
Status : **Answered**
Chosen Option : **4**

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Q.23 **Which former badminton player of India was awarded the 'Sportstar Lifetime Achievement Award' in February 2019?**

Ans
1. Sanave Thomas
2. Prakash Padukone
3. Chetan Anand
4. Pullela Gopichand

Question ID : **8161612332**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Which Indian mountain looks like a giant pyramid and has a flat summit area and two peaks?**

Ans
1. Mamostang Kangri
2. Saltoro Kangri
3. Kamet
4. Nanda Devi

Question ID : **8161612322**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Which Indian economist was appointed as the Chief Economist of the World Bank from 2012 to 2016?**

Ans
1. Kaushik Basu
2. Jagdish Bhagwati
3. Indraprasad Gordhanbhai Patel
4. Raghuram Rajan

Question ID : **8161612316**
Status : **Not Answered**
Chosen Option : **--**

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