

Combined Higher Secondary Level Examination 2023 Tier I

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Venue Name	iON Digital Zone iDZ Sanath Nagar
Exam Date	10/08/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2023 Tier I

Section : English Language

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

My cousin owns a shop of food _____.

Ans ☒ 1. additives

☐ 2. addetivis

☐ 3. aditives

☐ 4. addetives

Question ID : 264330144136

Status : Answered

Chosen Option : 1

Q.2 Select the most appropriate option to substitute the underlined segment in the following sentence.

The newly admitted students has been given a pair of uniforms by the management.

Ans ☐ 1. are been given a pair

☐ 2. has given a pair

☒ 3. have been given a pair

☐ 4. have being given a pair

Question ID : 264330148922

Status : Answered

Chosen Option : 3

Q.3 Select the most appropriate option that can substitute the underlined words in the given sentence.

Are you sure you have go to drop her at the airport?

Ans ☒ 1. you will go to

☐ 2. you should have to go to

☐ 3. you had to go to

☐ 4. you might go to

Question ID : 264330144272

Status : Answered

Chosen Option : 3

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

- Ans
- ☐ 1. Disregard
 - ☐ 2. Slothful
 - ☒ 3. Scrutinise
 - ☐ 4. Apathy

Question ID : 264330143210
Status : Answered
Chosen Option : 3

Q.5 Select the most appropriate idiom for the underlined segment in the following sentence.

Rohit is very mischievous and always annoys his teachers.

- Ans
- ☒ 1. Gets in his teacher's hair
 - ☐ 2. Puts his shoulders to the wheel
 - ☐ 3. A storm in a tea cup
 - ☐ 4. Leads up the garden path

Question ID : 264330141308
Status : Answered
Chosen Option : 2

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Pooja could feel the anger building off inside her.

- Ans
- ☐ 1. building upon inside her
 - ☐ 2. building of inside her
 - ☐ 3. building on inside her
 - ☒ 4. building up inside her

Question ID : 264330143629
Status : Answered
Chosen Option : 4

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Can you please / pass me a sweater? / It's going to be / the cold day today.

- Ans
- ☐ 1. Can you please
 - ☒ 2. the cold day today
 - ☐ 3. It's going to be
 - ☐ 4. pass me a sweater?

Question ID : 264330148953
Status : Answered
Chosen Option : 2

Q.8 Select the most appropriate option that can substitute the underlined words in the following sentence.

The health-care system is in transition at those moment.

- Ans ☒ 1. at that moments
☒ 2. at the moment
☒ 3. at a moments
☒ 4. at these moment

Question ID : 264330142624

Status : Answered

Chosen Option : 2

Q.9 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A.groups such as migrants and
B.collecting data on vulnerable population
C.persons with disabilities is crucial
D.understanding who are being left behind
E.in identifying the challenges they face and

- Ans ☒ 1. EADCB
☒ 2. CABED
☒ 3. BACED
☒ 4. DACBE

Question ID : 264330149500

Status : Answered

Chosen Option : 3

Q.10 Select the most appropriate meaning of the homonym in the context of the following sentence to fill in the blank.

They do not say anything but stalk furiously out of the room.
'Stalk' here means _____.

- Ans ☒ 1. the stem or main axis of a plant
☒ 2. to walk in an angry or proud way
☒ 3. to go through an area in search of prey
☒ 4. recur constantly and spontaneously

Question ID : 264330148946

Status : Answered

Chosen Option : 2

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

The Tokyo Games accelerated energy policies in Japan, demonstrating how they could make steps towards a low-carbon economy by powering the athletes' village with hydrogen from clean, green sources.

- Ans ☒ 1. inspiring
☒ 2. exploring
☒ 3. collating
☒ 4. hiding

Question ID : 264330143659

Status : Answered

Chosen Option : 4

Q.12 Select the option that expresses the given sentence in active voice.

The guilty are punished by the judge.

- Ans ☒ 1. The judge is punishing the guilty.
☒ 2. The judge punishes the guilty.
☒ 3. The judge has been punishing the guilty.
☒ 4. The judge has punished the guilty.

Question ID : 264330141353

Status : Answered

Chosen Option : 2

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Can you please / open a door? / I can hear / somebody knocking.

- Ans ☒ 1. Can you please
☒ 2. somebody knocking
☒ 3. I can hear
☒ 4. open a door?

Question ID : 264330148952

Status : Answered

Chosen Option : 4

Q.14 Select the most appropriate option to fill in the blank.

She suffered an emotional _____ after the death of her husband in a road accident.

- Ans ☒ 1. turbulense
☒ 2. terbulense
☒ 3. toorbulence
☒ 4. turbulence

Question ID : 264330144132

Status : Answered

Chosen Option : 4

Q.15 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

- A. although many scholars believe that
B. no records of such a commission from Francesco exist,
C. the painting depicts Lisa Gherardini, wife of the Florentine merchant Francesco del Giocondo,
D. and the sitter has never been conclusively identified

- Ans ☒ 1. D, C, B, A
☒ 2. C, A, B, D
☒ 3. B, D, A, C
☒ 4. A, C, B, D

Question ID : 264330149581

Status : Answered

Chosen Option : 3

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

Hysterical

Ans ✓ 1. Controlled

✗ 2. Resolute

✗ 3. Manful

✗ 4. Shy

Question ID : 264330150773

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate idiom for the underlined segment in the following sentence.

The child played the video game as much as he wanted to.

Ans ✓ 1. To his heart's content

✗ 2. To gild the pill

✗ 3. To kick the bucket

✗ 4. To assume airs

Question ID : 264330141309

Status : Answered

Chosen Option : 1

Q.18 Select the option that expresses the given sentence in passive voice.

We hope that we shall win the match against Australia.

Ans ✓ 1. It is hoped that the match against Australia shall be won by us.

✗ 2. It is expected that the match against Australia should be won by us.

✗ 3. It is hoped that the match against Australia was won by us.

✗ 4. It is sure that the match against Australia was won by us.

Question ID : 264330151944

Status : Answered

Chosen Option : 1

Q.19 Select the appropriate **ANTONYM** of the underlined word to fill in the blank.

The flow of the river is very rapid now. Let's go in when it's a little _____.

Ans ✗ 1. fast

✗ 2. quick

✗ 3. delayed

✓ 4. slow

Question ID : 264330149754

Status : Answered

Chosen Option : 4

Q.20 Select the most appropriate synonym of the word 'Flung' from the given sentence.

The entrepreneur's innovative strategies propelled his startup to success.

- Ans ☒ 1. Strategies
☒ 2. Innovative
☒ 3. Success
☒ 4. Propelled

Question ID : 264330144154

Status : Answered

Chosen Option : 4

Comprehension:

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

Primitive cultures are those that exist in societies that have not yet developed advanced technology or complex social (1)_____. These cultures are often characterised by their close relationship with the natural world. Despite being considered 'primitive', these cultures have a rich history and a unique way of life that is (2)_____ studying and preserving. These cultures often have a deep understanding of the environment and its cycles, and they have developed intricate systems of knowledge and belief that are closely tied to nature. For example, indigenous cultures in the Amazon rainforest have an (3)_____ knowledge of the medicinal properties of plants and the cycles of the seasons, which they use to sustain themselves and their communities. Another important aspect is that these cultures often have complex systems of kinship and social hierarchy. Despite the many challenges that primitive cultures face, including the (4)_____ of modern societies and environmental degradation, these cultures have an important role to play in our understanding of the human experience. They offer a different (5)_____ on the world and its complexities, and their traditions and knowledge have the potential to inform and enrich our modern lives.

SubQuestion No : 21

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

- Ans ☒ 1. borders
☒ 2. outlines
☒ 3. structures
☒ 4. configurations

Question ID : 264330149798

Status : Answered

Chosen Option : 3

Comprehension:

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

Primitive cultures are those that exist in societies that have not yet developed advanced technology or complex social (1)_____. These cultures are often characterised by their close relationship with the natural world. Despite being considered 'primitive', these cultures have a rich history and a unique way of life that is (2)_____ studying and preserving. These cultures often have a deep understanding of the environment and its cycles, and they have developed intricate systems of knowledge and belief that are closely tied to nature. For example, indigenous cultures in the Amazon rainforest have an (3)_____ knowledge of the medicinal properties of plants and the cycles of the seasons, which they use to sustain themselves and their communities. Another important aspect is that these cultures often have complex systems of kinship and social hierarchy. Despite the many challenges that primitive cultures face, including the (4)_____ of modern societies and environmental degradation, these cultures have an important role to play in our understanding of the human experience. They offer a different (5)_____ on the world and its complexities, and their traditions and knowledge have the potential to inform and enrich our modern lives.

SubQuestion No : 22

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

- Ans ☒ 1. important
☒ 2. insignificant
☒ 3. worth
☒ 4. trivial

Question ID : 264330149799

Status : Answered

Chosen Option : 3

Comprehension:

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

Primitive cultures are those that exist in societies that have not yet developed advanced technology or complex social (1)_____. These cultures are often characterised by their close relationship with the natural world. Despite being considered 'primitive', these cultures have a rich history and a unique way of life that is (2)_____ studying and preserving. These cultures often have a deep understanding of the environment and its cycles, and they have developed intricate systems of knowledge and belief that are closely tied to nature. For example, indigenous cultures in the Amazon rainforest have an (3)_____ knowledge of the medicinal properties of plants and the cycles of the seasons, which they use to sustain themselves and their communities. Another important aspect is that these cultures often have complex systems of kinship and social hierarchy. Despite the many challenges that primitive cultures face, including the (4)_____ of modern societies and environmental degradation, these cultures have an important role to play in our understanding of the human experience. They offer a different (5)_____ on the world and its complexities, and their traditions and knowledge have the potential to inform and enrich our modern lives.

SubQuestion No : 23

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

- Ans ☒ 1. acquired
☒ 2. intimate
☒ 3. estimated
☒ 4. gained

Question ID : 264330149800

Status : Answered

Chosen Option : 1

Comprehension:

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

Primitive cultures are those that exist in societies that have not yet developed advanced technology or complex social (1)_____. These cultures are often characterised by their close relationship with the natural world. Despite being considered 'primitive', these cultures have a rich history and a unique way of life that is (2)_____ studying and preserving. These cultures often have a deep understanding of the environment and its cycles, and they have developed intricate systems of knowledge and belief that are closely tied to nature. For example, indigenous cultures in the Amazon rainforest have an (3)_____ knowledge of the medicinal properties of plants and the cycles of the seasons, which they use to sustain themselves and their communities. Another important aspect is that these cultures often have complex systems of kinship and social hierarchy. Despite the many challenges that primitive cultures face, including the (4)_____ of modern societies and environmental degradation, these cultures have an important role to play in our understanding of the human experience. They offer a different (5)_____ on the world and its complexities, and their traditions and knowledge have the potential to inform and enrich our modern lives.

SubQuestion No : 24

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

- Ans ☒ 1. migration
☒ 2. possession
☒ 3. encroachment
☒ 4. estimation

Question ID : 264330149801

Status : Answered

Chosen Option : 3

Comprehension:

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

Primitive cultures are those that exist in societies that have not yet developed advanced technology or complex social (1)_____. These cultures are often characterised by their close relationship with the natural world. Despite being considered 'primitive', these cultures have a rich history and a unique way of life that is (2)_____ studying and preserving. These cultures often have a deep understanding of the environment and its cycles, and they have developed intricate systems of knowledge and belief that are closely tied to nature. For example, indigenous cultures in the Amazon rainforest have an (3)_____ knowledge of the medicinal properties of plants and the cycles of the seasons, which they use to sustain themselves and their communities. Another important aspect is that these cultures often have complex systems of kinship and social hierarchy. Despite the many challenges that primitive cultures face, including the (4)_____ of modern societies and environmental degradation, these cultures have an important role to play in our understanding of the human experience. They offer a different (5)_____ on the world and its complexities, and their traditions and knowledge have the potential to inform and enrich our modern lives.

SubQuestion No : 25

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

- Ans ☒ 1. conclusion
☒ 2. perspective
☒ 3. blame
☒ 4. biasness

Question ID : 264330149802

Status : Answered

Chosen Option : 2

Q.1 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the option in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 57

16, 77

- Ans**
- ☒ 1. 11, 49
 - ☒ 2. 4, 14
 - ☒ 3. 8, 37
 - ☒ 4. 21, 106

Question ID : 264330146389
Status : Answered
Chosen Option : 3

Q.2 If it was Friday three days ago, then what was the day of the week 150 days ago from today?

- Ans**
- ☒ 1. Friday
 - ☒ 2. Wednesday
 - ☒ 3. Sunday
 - ☒ 4. Thursday

Question ID : 264330146317
Status : Answered
Chosen Option : 1

Q.3 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

- Ans**
- ☒ 1. CYF
 - ☒ 2. OJL
 - ☒ 3. LGI
 - ☒ 4. UPR

Question ID : 264330146659
Status : Answered
Chosen Option : 1

Q.4 What will come in place of the question mark (?) in the following equation if '+' and '÷' are interchanged and '–' and '×' are interchanged?

$$25 \times 6 - 4 \div 18 \div 9 = ?$$

- Ans**
- ☒ 1. 7
 - ☒ 2. 10
 - ☒ 3. 3
 - ☒ 4. 5

Question ID : 264330151036
Status : Answered
Chosen Option : 3

Q.5 Select the term from the given options that can replace the question mark (?) in the given series to make it logically complete.

BP 74, ?, FT 64, HV 59, JX 54

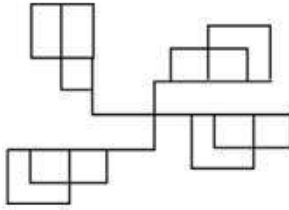
- Ans
- ☒ 1. CS 70
 - ☒ 2. DR 69
 - ☒ 3. ET 68
 - ☒ 4. ES 70

Question ID : 264330147490

Status : Answered

Chosen Option : 2

Q.6 Identify the number of rectangles in the given figure.



- Ans
- ☒ 1. 16
 - ☒ 2. 24
 - ☒ 3. 17
 - ☒ 4. 28

Question ID : 264330151076

Status : Answered

Chosen Option : 3

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FGO, HIR, JKU, LMX, ?

- Ans
- ☒ 1. NZP
 - ☒ 2. NOA
 - ☒ 3. NOP
 - ☒ 4. NPZ

Question ID : 264330147266

Status : Answered

Chosen Option : 2

Q.8 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

37 : 152

61 : 248

39 : 160

53 : 208

Ans ☒ 1. 61 : 248

☒ 2. 39 : 160

☒ 3. 37 : 152

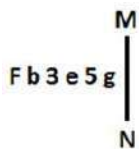
☒ 4. 53 : 208

Question ID : 264330147024

Status : Answered

Chosen Option : 4

Q.9 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans ☒ 1. g 5 e 3 d F

☒ 2. g 2 e 3 b F

☒ 3. g 2 e 3 d F

☒ 4. g 2 e 3 d F

Question ID : 264330146671

Status : Answered

Chosen Option : 4

Q.10 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered meaningful English words and must not be related to each other based on the number of letters/consonants/vowels in the word.)

Latent : Dormant

Ans ☒ 1. Nice : Demanding

☒ 2. Picky : Fussy

☒ 3. Lathe : Latex

☒ 4. Pious : Dainty

Question ID : 264330146985

Status : Not Answered

Chosen Option : --

Q.11 What should come in place of X in the given series?

9 13 21 33 49 X

- Ans
- ☐ 1. 67
 - ☐ 2. 71
 - ☐ 3. 65
 - ☒ 4. 69

Question ID : 264330152156

Status : Answered

Chosen Option : 4

Q.12 What should come in place of the question mark (?) in the given series?

417, 429, 443, ?, 469

- Ans
- ☐ 1. 452
 - ☐ 2. 460
 - ☒ 3. 455
 - ☐ 4. 447

Question ID : 264330147433

Status : Answered

Chosen Option : 3

Q.13 Which of the following interchanges in two mathematical operators will balance the equation given below?
 $63 - 23 \times 132 \div 12 + 7 = 117$

- Ans
- ☐ 1. \div and \times
 - ☐ 2. $+$ and $-$
 - ☐ 3. $-$ and \div
 - ☒ 4. $+$ and \times

Question ID : 264330150918

Status : Answered

Chosen Option : 4

Q.14 In a certain code language,
E + M means 'E is the father of M',
E – M means 'E is the husband of M',
E @ M means 'E is the daughter of M',
E \$ M means 'E is the mother of M'.
If R \$ A – F \$ H, then how is R related to F?

- Ans**
- ☒ 1. Mother
 - ☒ 2. Husband's mother
 - ☒ 3. Sister
 - ☒ 4. Father's sister

Question ID : 264330147505
Status : Answered
Chosen Option : 2

Q.15 Select the option in which the letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

ZPJ : FNF

SNT : YLP

- Ans**
- ☒ 1. HIG : NFC
 - ☒ 2. LOS : FQW
 - ☒ 3. RJX : XHT
 - ☒ 4. AND : GQZ

Question ID : 264330146956
Status : Answered
Chosen Option : 3

Q.16 Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

4 - 24 - 6

2 - 6 - 3

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 9 - 17 - 3
 - ☒ 2. 6 - 30 - 7
 - ☒ 3. 1 - 9 - 8
 - ☒ 4. 5 - 35 - 7

Question ID : 264330147359
Status : Answered
Chosen Option : 4

Q.17 In a certain code language, 'EARNT' is coded as '25371' and 'TUNER' is coded as '57142'. What is the code for 'U' in the given code language?

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

Question ID : 264330147207

Status : Answered

Chosen Option : 3

Q.18 In a certain code language, 'FROM' is coded as '8167' and 'ROMP' is coded as '6218'. What is the code for 'F' in the given code language?

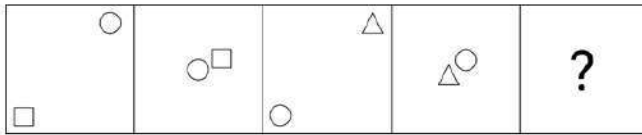
- Ans
- ☒ 1. 7
 - ☒ 2. 6
 - ☒ 3. 8
 - ☒ 4. 1

Question ID : 264330146574

Status : Answered

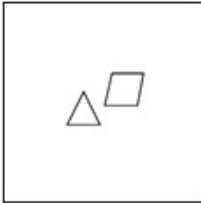
Chosen Option : 1

Q.19 Identify the figure given in the options which when put in place of ? will logically complete the series.

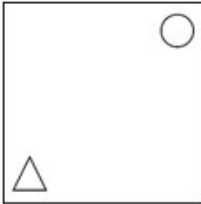


Ans

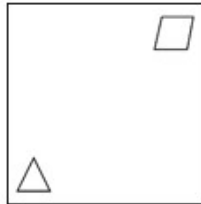
☒ 1.



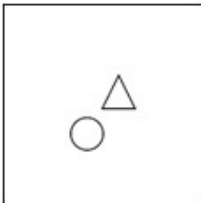
☒ 2.



☒ 3.



☒ 4.



Question ID : 264330146303

Status : Answered

Chosen Option : 2

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.

426, 423, 414, 387, 306, ?

Ans ☒ 1. 62

☒ 2. 64

☒ 3. 65

☒ 4. 63

Question ID : 264330146897

Status : Answered

Chosen Option : 4

Q.21 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically and definitely follow/s from the given statements.

Statements : Some Hats are Caps. Some Hats are Turbans. All Caps are Monkeys.

Conclusions: (I) Some Turbans are Caps.

(II) All Hats are Monkeys.

- Ans**
- ☒ 1. Both conclusions (I) and (II) do not follow.
 - ☐ 2. Only conclusion (I) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Question ID : 264330151166
Status : Answered
Chosen Option : 1

Q.22 Select the combination of letters which when sequentially placed in the blanks of the given series will complete the series.

JK_MIJ_LMIJJK_MIJKKLL_

- Ans**
- ☐ 1. MMJJ
 - ☒ 2. LKLM
 - ☐ 3. LMLJ
 - ☐ 4. JKLJ

Question ID : 264330147102
Status : Answered
Chosen Option : 2

Q.23 In a certain code language,
P + Q means P is the mother of Q,
P - Q means P is the brother of Q,
P × Q means P is the wife of Q,
P / Q means P is the father of Q.
Based on the above, how is B related to D in A × B / C - D?

- Ans**
- ☐ 1. Brother
 - ☐ 2. Father's brother
 - ☒ 3. Father
 - ☐ 4. Mother

Question ID : 264330152099
Status : Answered
Chosen Option : 3

Q.24 What should come in place of ? in the given series based on the English alphabetical order?

QED TKM WQV ZWE ?

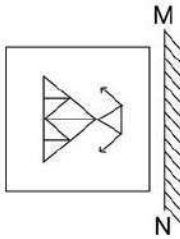
- Ans**
- ☒ 1. BDO
 - ☒ 2. DDN
 - ☒ 3. CCN
 - ☒ 4. DCM

Question ID : 264330146618

Status : Answered

Chosen Option : 3

Q.25 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330146466

Status : Answered

Chosen Option : 1

Q.1 A shopkeeper earns a profit of 20% after offering a discount of 10% on the marked price of an electric mixer. What is the cost price (in ₹) of the electric mixer having marked price ₹6,500?

- Ans
- ☐ 1. 4,900
 - ☐ 2. 4,825
 - ☐ 3. 4,850
 - ☒ 4. 4,875

Question ID : 264330147899

Status : Answered

Chosen Option : 4

Q.2 Study the following table carefully and answer the question that follows.

State / Year	1994	1995	1996	1997	1998
Maharashtra	723	840	900	920	925
Kerala	1035	940	1200	1400	1500
Karnataka	750	600	830	575	900
West Bengal	500	550	450	600	525
Delhi	1500	1625	1700	1475	1800
Andhra Pradesh	800	840	875	925	785
Total	5308	5395	5955	5895	6435

In the case of which state/UT was there a continuous increase in the number of students over the given years?

- Ans
- ☐ 1. Andhra Pradesh
 - ☒ 2. Maharashtra
 - ☐ 3. Karnataka
 - ☐ 4. West Bengal

Question ID : 264330149325

Status : Answered

Chosen Option : 2

Q.3 X, Y and Z can complete a piece of work in 20, 12 and 28 days, respectively. If all work together, the approximate number of days to complete the work will be:

- Ans
- ☒ 1. 6
 - ☐ 2. 7
 - ☐ 3. 4
 - ☐ 4. 5

Question ID : 264330146524

Status : Answered

Chosen Option : 1

Q.4 If each side of a cube is decreased by 12%, then the percentage decrease in its surface area is:

- Ans
- ☐ 1. 25.66%
 - ☐ 2. 28.23%
 - ☒ 3. 22.56%
 - ☐ 4. 26.54%

Question ID : 264330148052

Status : Answered

Chosen Option : 3

Q.5 A trader allows a discount of 5% for cash payment. What percentage above the cost price must he mark his goods to make a profit of 14%?

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

Question ID : 264330147726
Status : Answered
Chosen Option : 4

Q.6 In a circle of radius 8 units, a chord of length 10 units is drawn. What is the perpendicular distance of the chord from the centre of the circle in units?

- Ans
- ☒ 1. $\sqrt{39}$ Unit
 - ☒ 2. $\sqrt{35}$ Unit
 - ☒ 3. $\sqrt{30}$ Unit
 - ☒ 4. $\sqrt{33}$ Unit

Question ID : 264330148125
Status : Answered
Chosen Option : 1

Q.7 Lakshita purchased a sofa set at a discount of 25%. As per her calculations, she noticed that if she would have not been given this discount, she would have paid ₹22,400 more as the cost of this sofa set. How much did Lakshita pay for the sofa set?

- Ans
- ☒ 1. ₹22,400
 - ☒ 2. ₹33,600
 - ☒ 3. ₹67,200
 - ☒ 4. ₹67,000

Question ID : 264330147702
Status : Not Answered
Chosen Option : --

Q.8 If $(y - \frac{1}{y}) = 8$, find the value of $(y^2 + \frac{1}{y^2})$.

- Ans
- ☒ 1. 64
 - ☒ 2. 62
 - ☒ 3. 60
 - ☒ 4. 66

Question ID : 264330146845
Status : Answered
Chosen Option : 4

Q.9

If $l + m + n = 0$, then what will be the value of $\left(\frac{l^2}{mn} + \frac{m^2}{nl} + \frac{n^2}{lm}\right)^2$?

Ans

✓ 1. 9

✗ 2. 16

✗ 3. 4

✗ 4. 1

Question ID : 264330150565

Status : Answered

Chosen Option : 1

Q.10 A man bought 13 chairs at ₹150 each and 15 chairs at ₹130 each. The average price of a chair (to the nearest rupee) is:

Ans

✗ 1. ₹130

✗ 2. ₹145

✗ 3. ₹142

✓ 4. ₹139

Question ID : 264330148229

Status : Answered

Chosen Option : 1

Q.11 If $\tan(5\theta - 10^\circ) = \cot(5\phi + 20^\circ)$, then the value of $\theta + \phi$ is:

Ans

✓ 1. 16°

✗ 2. 18°

✗ 3. 15°

✗ 4. 20°

Question ID : 264330148443

Status : Answered

Chosen Option : 1

Q.12 A chord of length 24 cm is at a distance of 5 cm from the centre of the circle. The radius of the circle is:

Ans

✓ 1. 13 cm

✗ 2. 12 cm

✗ 3. 16 cm

✗ 4. 15 cm

Question ID : 264330149280

Status : Answered

Chosen Option : 1

Q.13 Deepak starts a business with a capital of ₹1,60,000. He incurs a loss of 10% during the first year. But he makes a profit of 5% during the second year on his remaining investment. Finally, he makes a profit of 25% on his new capital during the third year. Find his total profit at the end of three years.

- Ans**
- ☐ 1. ₹29,500
 - ☒ 2. ₹29,000
 - ☐ 3. ₹28,000
 - ☐ 4. ₹28,500

Question ID : 264330149443
Status : Not Answered
Chosen Option : --

Q.14 At a certain annual rate (rounded off to the nearest integer) of simple interest, a sum of money becomes nine times its original value in 21 years. By how much does the rate of interest change if the same sum of money has to become 12 times its original value in 25 years?

- Ans**
- ☐ 1. Decreases by 6%
 - ☒ 2. Increases by 6%
 - ☐ 3. Increases by 8%
 - ☐ 4. Decreases by 8%

Question ID : 264330151407
Status : Not Answered
Chosen Option : --

Q.15 In a circle, an arc subtends an angle of 84° at the centre. If the length of the arc is 22 cm, then the radius of the circle (in cm) is equal to:

$$\text{Take } \pi = \frac{22}{7}$$

- Ans**
- ☐ 1. 19
 - ☒ 2. 15
 - ☐ 3. 17
 - ☐ 4. 13

Question ID : 264330148833
Status : Answered
Chosen Option : 2

Q.16 If θ is an acute angle and $\sin \theta \cos \theta = 2 \cos^3 \theta - \frac{1}{4} \cos \theta$, then the value of $\sin \theta$ is:

Ans

☒ 1. $\frac{\sqrt{15}-1}{8}$

☒ 2. $\frac{\sqrt{15}-1}{4}$

☒ 3. $\frac{\sqrt{15}+1}{4}$

☒ 4. $\frac{\sqrt{15}-1}{2}$

Question ID : 264330148061

Status : Answered

Chosen Option : 2

Q.17 The value of $(\sin 45^\circ + \cos 45^\circ)$ is _____.

Ans

☒ 1. $\frac{2}{\sqrt{2}}$

☒ 2. $\frac{1}{\sqrt{2}}$

☒ 3. 1

☒ 4. $\sqrt{2}$

Question ID : 264330147876

Status : Answered

Chosen Option : 1

Q.18 In a mixture, the ratio of a chemical X and water is 15 : 9. When 48 litres of this mixture is replaced with water, the ratio becomes 11 : 13. Find the quantity of water after replacement.

Ans

☒ 1. 97.5 litres

☒ 2. 99 litres

☒ 3. 92 litres

☒ 4. 102.5 litres

Question ID : 264330147659

Status : Not Answered

Chosen Option : --

Q.19 Three partners P, Q and R invest ₹1,000, ₹1,200 and ₹1,500, respectively, in a business. What should be the share of Q if the total profit is ₹666?

- Ans**
- ✓ 1. ₹216
 - ✗ 2. ₹275
 - ✗ 3. ₹252
 - ✗ 4. ₹284

Question ID : 264330147928

Status : Answered

Chosen Option : 1

Q.20 করিগুণা $(a + b + c) = 20$ অমসং $a^2 + b^2 + c^2 = 262$ ওইরবদি, $ab + bc + ca$ গী ভেল্য পুথোকউ।

- Ans**
- ✓ 1. 69
 - ✗ 2. 72
 - ✗ 3. 84
 - ✗ 4. 48

Question ID : 264330146856

Status : Answered

Chosen Option : 1

Q.21 Find the value of the given expression.

$$\frac{\left(4\frac{1}{2} + 3\frac{1}{2} \times 1\frac{4}{5} \div 3\frac{3}{4} \times \left(1\frac{1}{2} + 1\frac{1}{2}\right)\right)}{\left(\frac{2}{3} + \frac{1}{6} \times \frac{1}{2}\right)}$$

- Ans**
- ✗ 1. $11\frac{3}{8}$
 - ✗ 2. $10\frac{1}{8}$
 - ✗ 3. $14\frac{3}{8}$
 - ✓ 4. $16\frac{5}{8}$

Question ID : 264330147816

Status : Answered

Chosen Option : 4

Q.22 The following bar graph gives the details of income and expenditure of five companies A, B, C, D, E (in crores of rupees)



The profit percentage $\left(\frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100\right)$ is highest for the company:

- Ans** ☒ 1. D
☒ 2. E
☒ 3. A
☒ 4. C

Question ID : 264330150637

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.23 In triangle STU, V is a point on the side ST and W is a point on the side SU such that VWUT is a trapezium. Given that $VW : TU = 2 : 7$, what is the ratio of area of trapezium VWUT to the area of the triangle STU?

- Ans** ☒ 1. 4 : 49
☒ 2. 4 : 45
☒ 3. 45 : 49
☒ 4. 49 : 81

Question ID : 264330147912

Status : Answered

Chosen Option : 3

Q.24 Sanjana can row a boat at 9 km/h in the still water. It takes her twice as long to row up a certain distance as to row down the same distance in the river. What is the rate of the stream (in km/h)?

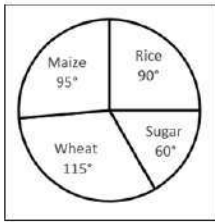
- Ans** ☒ 1. 4
☒ 2. 1
☒ 3. 3
☒ 4. 2

Question ID : 264330150545

Status : Answered

Chosen Option : 3

Q.25 The annual agricultural production (in tonnes) of an Indian state is given in the pie chart. The total production is 12960 tonnes.



What is the annual production of Maize?

- Ans**
- ☐ 1. 3240 tonnes
 - ☐ 2. 4140 tonnes
 - ☒ 3. 3420 tonnes
 - ☐ 4. 2160 tonnes

Question ID : 264330150948

Status : **Answered**

Chosen Option : 3

Section : **General Awareness**

Q.1 In India the principle of 'procedure established by law' is taken from which constitution?

- Ans**
- ☐ 1. Canada
 - ☐ 2. Irish
 - ☒ 3. Japan
 - ☐ 4. South Africa

Question ID : 264330146545

Status : **Not Answered**

Chosen Option : --

Q.2 Supply of Money is the quantity of money _____.

- Ans**
- ☐ 1. during the calendar year
 - ☐ 2. as on any point of time
 - ☐ 3. during the fiscal year
 - ☒ 4. during any specified period of time

Question ID : 264330145748

Status : **Answered**

Chosen Option : 4

Q.3 Gugga Naumi festival is celebrated in which of the following states?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. Uttarakhand
 - ☐ 3. Himachal Pradesh
 - ☒ 4. Haryana

Question ID : **264330148668**
Status : **Not Answered**
Chosen Option : --

Q.4 The term 'Dressage' is associate with:

- Ans**
- ☒ 1. equestrian
 - ☐ 2. polo
 - ☐ 3. rugby
 - ☐ 4. water polo

Question ID : **264330145890**
Status : **Not Answered**
Chosen Option : --

Q.5 Shovana Narayan, a famous Kathak dancer, received the _____ in 1992.

- Ans**
- ☐ 1. Padma Bhushan
 - ☐ 2. Kalidas Samman
 - ☐ 3. Kabir Puraskar
 - ☒ 4. Padma Shri

Question ID : **264330151260**
Status : **Answered**
Chosen Option : 1

Q.6 Saikhom Mirabai Chanu, the Indian weightlifter, won _____ medal at Commonwealth games 2022.

- Ans**
- ☐ 1. no
 - ☐ 2. Bronze
 - ☒ 3. Gold
 - ☐ 4. Silver

Question ID : **264330154827**
Status : **Answered**
Chosen Option : 3

Q.7 According to Census of India 2011, what is the percentage of India's population living in rural areas?

- Ans**
- ☐ 1. 86.3%
 - ☒ 2. 68.8%
 - ☐ 3. 76.3%
 - ☐ 4. 61.3%

Question ID : 264330150278

Status : Not Answered

Chosen Option : --

Q.8 The committee to 'Operationalise the Suggestions to Teach Fundamental Duties to the Citizens of the Country' is popularly known as the _____.

- Ans**
- ☐ 1. L P Singh committee
 - ☐ 2. Abhijit Sen committee
 - ☐ 3. Paul Appleby committee
 - ☒ 4. J S Verma Committee

Question ID : 264330150427

Status : Not Answered

Chosen Option : --

Q.9 Which of the following airports is India's first to be completely powered by solar energy?

- Ans**
- ☐ 1. Kempe Gowda International Airport (KIA), Bangalore
 - ☐ 2. Indira Gandhi International Airport (IGIA), Delhi
 - ☒ 3. Cochin International Airport Limited (CIAL), Kerala
 - ☐ 4. Chhatrapati Shivaji Maharaj International Airport (CSMIA), Mumbai

Question ID : 264330149392

Status : Not Answered

Chosen Option : --

Q.10 How many prizes were presented at the National Sports and Adventure Awards 2022 held on November 30, 2022, at Rashtrapati Bhawan?

- Ans**
- ☐ 1. 38
 - ☒ 2. 44
 - ☐ 3. 40
 - ☐ 4. 30

Question ID : 264330146286

Status : Not Answered

Chosen Option : --

Q.11 In which year was the Vernacular Press Act passed?

- Ans
- ☐ 1. 1867
 - ☐ 2. 1882
 - ☒ 3. 1878
 - ☐ 4. 1876

Question ID : 264330150219
Status : Not Answered
Chosen Option : --

Q.12 Asghari Bai is primarily remembered for her contribution to which of the following genres of music?

- Ans
- ☐ 1. Folk
 - ☐ 2. Carnatic
 - ☒ 3. Dhrupad
 - ☐ 4. Ghazal

Question ID : 264330151325
Status : Not Answered
Chosen Option : --

Q.13 GNP at MP less _____ gives us GDP at MP.

- Ans
- ☐ 1. depreciation
 - ☐ 2. indirect taxes
 - ☒ 3. net factor income from abroad
 - ☐ 4. subsidies

Question ID : 264330145723
Status : Not Answered
Chosen Option : --

Q.14 Which of the following is the INCORRECT sequence of national income from broader to narrower concepts?

- Ans
- ☒ 1.
GNP at market prices – NNP at factor cost – NNP at market prices – GNP at factor cost
 - ☐ 2.
GNP at market prices – NNP at market prices – NNP at factor cost – Personal income
 - ☐ 3.
NNP at factor cost – Personal income – Personal disposable income
 - ☐ 4.
GNP at factor cost – NNP at factor cost – Personal income – Personal disposable income

Question ID : 264330145860
Status : Not Answered
Chosen Option : --

Q.15 If the uncertainty in position and momentum are equal, the uncertainty in velocity will be:

- Ans
- ☒ 1. $\sqrt{h/\pi}$
 - ☒ 2. $1/2m\sqrt{h/\pi}$
 - ☒ 3. $\sqrt{h/2\pi}$
 - ☒ 4. $\sqrt{h/2\pi m}$

Question ID : 264330145816
Status : Not Answered
Chosen Option : --

Q.16 The book 'Rajatarangini' is about the history of which state written in 12th century CE?

- Ans
- ☒ 1. Bengal
 - ☒ 2. Kashmir
 - ☒ 3. Sindh
 - ☒ 4. Assam

Question ID : 264330148551
Status : Not Answered
Chosen Option : --

Q.17 Chhau is a popular folk dance of which state-pair from the following?

- Ans
- ☒ 1. Assam and Bihar
 - ☒ 2. Odisha and Bihar
 - ☒ 3. Bihar and West Bengal
 - ☒ 4. Odisha and West Bengal

Question ID : 264330144746
Status : Answered
Chosen Option : 4

Q.18 Which of the following rivers originates from the Milam Glacier in Uttarakhand?

- Ans
- ☒ 1. Sutlej
 - ☒ 2. Ganges
 - ☒ 3. Gori Ganga
 - ☒ 4. Yamuna

Question ID : 264330150268
Status : Not Answered
Chosen Option : --

Q.19 Which of the following is an advantage of foreign competition?

- Ans
- ☒ 1. No requirement to develop new products
 - ☒ 2. Incentive to produce efficiently
 - ☒ 3. Expansion of foreign market
 - ☒ 4. Saving of foreign exchange reserves

Question ID : 264330144727
Status : Not Answered
Chosen Option : --

Q.20 Which of the following cell organelles can make copies of themselves?

- Ans
- ☒ 1. Golgi apparatus
 - ☒ 2. Vacuole
 - ☒ 3. Cytoplasm
 - ☒ 4. Mitochondria

Question ID : 264330145836
Status : Not Answered
Chosen Option : --

Q.21 Match List I with List II and choose your answer from the code below:

List I

List II

- | | |
|-----------------------------|------------------------|
| i. Service tax | a. Capital receipt |
| ii. Interest receipts | b. Revenue expenditure |
| iii. Sale of shares of PSUs | c. Non-tax revenue |
| iv. Salaries and pension | d. Tax revenue |

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

Question ID : 264330144670
Status : Not Answered
Chosen Option : --

Q.22 Which of the following is a valid bond in Alkenes that connects carbon atoms?

- Ans
- ☒ 1. Single bond
 - ☒ 2. Double bond
 - ☒ 3. Triple bond
 - ☒ 4. Not connected

Question ID : **264330144470**
Status : **Answered**
Chosen Option : **2**

Q.23 In March 2023, Manik Saha took oath as the new Chief Minister of which of the following States?

- Ans
- ☒ 1. West Bengal
 - ☒ 2. Tamil Nadu
 - ☒ 3. Assam
 - ☒ 4. Tripura

Question ID : **264330146268**
Status : **Answered**
Chosen Option : **4**

Q.24 Who among the following wrote in calligraphic style the Hindi version of the original Indian Constitution?

- Ans
- ☒ 1. SN Mukherjee
 - ☒ 2. Prem Behari Narain Raizada
 - ☒ 3. Vasant Krishan Vaidya
 - ☒ 4. Nand Lal Bose

Question ID : **264330150391**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In the context of mapping climate data, what term refers to a line drawn through all points on a map that contain the same amount of cloud?

- Ans
- ☒ 1. Isohels
 - ☒ 2. Isocheim
 - ☒ 3. Isonephhs
 - ☒ 4. Isochalaz

Question ID : **264330145633**
Status : **Not Answered**
Chosen Option : **--**