

Combined Higher Secondary Level Examination 2023 Tier I

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|----------------|-----------------------|
| Roll Number | |
| Candidate Name | |
| Venue Name | TCS Gito Bitan |
| Exam Date | 08/08/2023 |
| Exam Time | 5:15 PM - 6:15 PM |
| Subject | CHSL Exam 2023 Tier I |

Section : English Language

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

- Ans
- 1. Interrogation
 - 2. Magistrate
 - 3. Preliminary
 - 4. Diciplinary

Question ID : 264330142639
Status : Answered
Chosen Option : 1

Q.2 Identify the correct spelling of the underlined word.

Those friends meet ocassionaly.

- Ans
- 1. accationally
 - 2. occasionally
 - 3. ocassionaly
 - 4. occationally

Question ID : 264330143195
Status : Answered
Chosen Option : 2

Q.3 Parts of the following sentence have been given as options. One of them may contain an error. Select the option that contains the error. If you don't find any error, mark 'No error' as your answer.

In this world of competitions, every one of us is required to plan our course careful.

- Ans
- 1. every one of us is required
 - 2. No error
 - 3. In this world of competitions
 - 4. to plan our course careful

Question ID : 264330143032
Status : Answered
Chosen Option : 4

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She makes sure that all the newly realised books are available in her personal library.

- Ans**
- 1. the newly released books
 - 2. the newly regaled books
 - 3. the newly relieved books
 - 4. the newly reverberated books

Question ID : 264330143968
Status : Answered
Chosen Option : 1

Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. The museum exhibit showcased an impressive collection of ancient artifacts.
- B. Visitors from around the world came to marvel at the intricate carvings and delicate pottery, each piece telling a story of the people who had created it.
- C. The museum's director was proud of the exhibit and the efforts his team had made to curate it.
- D. However, one day, a visitor claimed to recognise a piece that had been stolen from his family's home many years ago.
- E. The director was shocked and vowed to investigate the matter thoroughly.

- Ans**
- 1. CABDE
 - 2. BCEDA
 - 3. CDEAB
 - 4. ABCDE

Question ID : 264330144204
Status : Answered
Chosen Option : 4

Q.6 Select the option that expresses the given sentence in active voice.

She is given proper guidance by her boss.

- Ans**
- 1. Her boss will give her proper guidance.
 - 2. Her boss has given her proper guidance.
 - 3. Her boss gave her proper guidance.
 - 4. Her boss gives her proper guidance.

Question ID : 264330141356
Status : Answered
Chosen Option : 4

Q.7 Select the most appropriate ANTONYM of the given word.

Witty

- Ans**
- 1. Serious
 - 2. Cynical
 - 3. Callous
 - 4. Giddy

Question ID : 264330142630
Status : Answered
Chosen Option : 3

Q.8 Select the most appropriate synonym of the underlined word in the given sentence.

The children did not like the abominable table manners of old aunt.

- Ans
- 1. delectable
 - 2. stringent
 - 3. obnoxious
 - 4. inflexible

Question ID : 264330144252

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

A person who believes that all events are predetermined or subject to fate

- Ans
- 1. Fatalist
 - 2. Credulous
 - 3. Egotist
 - 4. Aristocrat

Question ID : 264330143203

Status : Answered

Chosen Option : 1

Q.10 The following sentence has been divided into parts. One of them may contain an error.

Select the part that contains the error from the given options.

The investigation conducting by the research team / yielded statistically significant results / providing substantial evidence / to support the hypothesis.

- Ans
- 1. to support the hypothesis.
 - 2. yielded statistically significant results
 - 3. providing substantial evidence
 - 4. The investigation conducting by the research team

Question ID : 264330143926

Status : Answered

Chosen Option : 4

Q.11 Select the most appropriate meaning of the given idiom.

A hard nut to crack

- Ans
- 1. Any subject which several folks are talking about
 - 2. Something that people believe or accept as true without questioning it
 - 3. An excessive enthusiasm or rage about a minor matter
 - 4. A problem that is difficult to solve

Question ID : 264330144281

Status : Answered

Chosen Option : 4

Q.12 Select the most appropriate ANTONYM to replace the underlined word in the following sentence.

Darwin drew our attention to the gradual accumulation of unfavourable traits and its direct relationship with the survival of those presumed lucky species, which then serve as breeding grounds for more desirable traits.

- Ans
- 1. advantageous
 - 2. fulfilling
 - 3. steady
 - 4. negative

Question ID : 264330143958
Status : Answered
Chosen Option : 1

Q.13 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

P. Crane was the fourteenth child of a methodist minister
Q. born in Newark, New Jersey
R. who had signed the declaration of independence
S. who named him after an ancestor

- Ans
- 1. PQSR
 - 2. PQRS
 - 3. QPSR
 - 4. QPRS

Question ID : 264330149708
Status : Answered
Chosen Option : 1

Q.14 Select the appropriate ANTONYM of the underlined word to fill in the blank.
Our administration uses _____ techniques to get their work done. They do not rely on overt tactics.

- Ans
- 1. covert
 - 2. apparent
 - 3. clear
 - 4. patent

Question ID : 264330149752
Status : Answered
Chosen Option : 1

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
If I was you, I would not have appeared for the entrance exam.

- Ans
- 1. would
 - 2. would have been
 - 3. No substitution required
 - 4. were

Question ID : 264330143201
Status : Answered
Chosen Option : 4

Q.16 Select the most appropriate **ANTONYM** of the underlined word in the following sentence.

Conducting in-depth research and analysis of a startup as part of creating an investment memo is an important step for potential investors to evaluate the viability and potential of the startup.

- Ans**
- 1. Liability
 - 2. Incredibility
 - 3. Feasibility
 - 4. Extempore

Question ID : 264330143959
Status : Answered
Chosen Option : 1

Q.17 Select the option that expresses the given sentence in passive voice.

Mr. Hamel teaches the boys.

- Ans**
- 1. The boy's are taught by Mr. Hamel.
 - 2. The boys are being taught by Mr. Hamel.
 - 3. The boys are taught by Mr. Hamel.
 - 4. The boys were taught by Mr. Hamel.

Question ID : 264330141347
Status : Answered
Chosen Option : 3

Q.18 Select the most appropriate idiom for the following sentence.

Her visits to her family are very rare because she lives out of the country.

- Ans**
- 1. Few and far between
 - 2. Egg on
 - 3. Beck and call
 - 4. All in all

Question ID : 264330141305
Status : Answered
Chosen Option : 1

Q.19 Select the most appropriate **ANTONYM** of the underlined word.

My friend believes in supernatural elements in the universe.

- Ans**
- 1. Magical
 - 2. Usual
 - 3. Unkind
 - 4. Unnatural

Question ID : 264330143184
Status : Answered
Chosen Option : 2

Q.20 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
It was Ravi, not his friends, / who were shouting / at late hours last night.

- Ans**
- 1. It was Ravi, not his friends,
 - 2. No error
 - 3. who were shouting
 - 4. at late hours last night.

Question ID : 264330150433
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.
Unemployment is a major issue in India that (1)_____millions of people across the country. Despite being one of the fastest-growing economies in the world, India has struggled to create (2)_____jobs to keep up with its rapidly expanding population. The unemployment rate in India varies widely (3)_____ different states and regions. Young people, in particular, face significant challenges in finding employment. Many are highly educated but lack the skills and experience needed to (4)_____ in a highly competitive job market. There are many factors contributing to the high levels of unemployment in India. Some of these include a lack of investment in infrastructure, a mismatch between the skills of workers and the needs of employers, and a lack of access to finance for small and medium-sized businesses. The Indian government has launched several initiatives to address the issue of unemployment in the country. These include programs to support small businesses, increase investment in infrastructure and provide vocational training to young people. However, much more needs to be done to create sustainable, long-term employment opportunities for all Indians. Unemployment can have serious social and economic consequences, including poverty, crime and social (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- 1. compromises
 - 2. effects
 - 3. controls
 - 4. affects

Question ID : 264330149615
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.
Unemployment is a major issue in India that (1)_____millions of people across the country. Despite being one of the fastest-growing economies in the world, India has struggled to create (2)_____jobs to keep up with its rapidly expanding population. The unemployment rate in India varies widely (3)_____ different states and regions. Young people, in particular, face significant challenges in finding employment. Many are highly educated but lack the skills and experience needed to (4)_____ in a highly competitive job market. There are many factors contributing to the high levels of unemployment in India. Some of these include a lack of investment in infrastructure, a mismatch between the skills of workers and the needs of employers, and a lack of access to finance for small and medium-sized businesses. The Indian government has launched several initiatives to address the issue of unemployment in the country. These include programs to support small businesses, increase investment in infrastructure and provide vocational training to young people. However, much more needs to be done to create sustainable, long-term employment opportunities for all Indians. Unemployment can have serious social and economic consequences, including poverty, crime and social (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans 1. enough
 2. few
 3. many
 4. little

Question ID : 264330149616
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.
Unemployment is a major issue in India that (1)_____millions of people across the country. Despite being one of the fastest-growing economies in the world, India has struggled to create (2)_____jobs to keep up with its rapidly expanding population. The unemployment rate in India varies widely (3)_____ different states and regions. Young people, in particular, face significant challenges in finding employment. Many are highly educated but lack the skills and experience needed to (4)_____ in a highly competitive job market. There are many factors contributing to the high levels of unemployment in India. Some of these include a lack of investment in infrastructure, a mismatch between the skills of workers and the needs of employers, and a lack of access to finance for small and medium-sized businesses. The Indian government has launched several initiatives to address the issue of unemployment in the country. These include programs to support small businesses, increase investment in infrastructure and provide vocational training to young people. However, much more needs to be done to create sustainable, long-term employment opportunities for all Indians. Unemployment can have serious social and economic consequences, including poverty, crime and social (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans 1. from
 2. between
 3. across
 4. amongst

Question ID : 264330149617
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.
Unemployment is a major issue in India that (1)_____millions of people across the country. Despite being one of the fastest-growing economies in the world, India has struggled to create (2)_____jobs to keep up with its rapidly expanding population. The unemployment rate in India varies widely (3)_____different states and regions. Young people, in particular, face significant challenges in finding employment. Many are highly educated but lack the skills and experience needed to (4)_____ in a highly competitive job market. There are many factors contributing to the high levels of unemployment in India. Some of these include a lack of investment in infrastructure, a mismatch between the skills of workers and the needs of employers, and a lack of access to finance for small and medium-sized businesses. The Indian government has launched several initiatives to address the issue of unemployment in the country. These include programs to support small businesses, increase investment in infrastructure and provide vocational training to young people. However, much more needs to be done to create sustainable, long-term employment opportunities for all Indians. Unemployment can have serious social and economic consequences, including poverty, crime and social (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans 1. expel
 2. exaggerate
 3. expand
 4. compete

Question ID : 264330149618
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.
Unemployment is a major issue in India that (1)_____millions of people across the country. Despite being one of the fastest-growing economies in the world, India has struggled to create (2)_____jobs to keep up with its rapidly expanding population. The unemployment rate in India varies widely (3)_____different states and regions. Young people, in particular, face significant challenges in finding employment. Many are highly educated but lack the skills and experience needed to (4)_____ in a highly competitive job market. There are many factors contributing to the high levels of unemployment in India. Some of these include a lack of investment in infrastructure, a mismatch between the skills of workers and the needs of employers, and a lack of access to finance for small and medium-sized businesses. The Indian government has launched several initiatives to address the issue of unemployment in the country. These include programs to support small businesses, increase investment in infrastructure and provide vocational training to young people. However, much more needs to be done to create sustainable, long-term employment opportunities for all Indians. Unemployment can have serious social and economic consequences, including poverty, crime and social (5)_____.

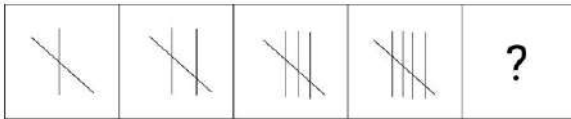
SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans 1. cohesion
 2. stigma
 3. unrest
 4. solidarity

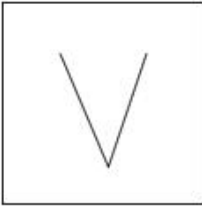
Question ID : 264330149619
Status : Not Answered
Chosen Option : --

Q.1 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

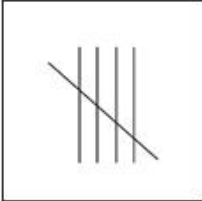


Ans

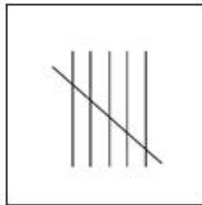
1.



2.



3.



4.



Question ID : 264330147233
Status : Answered
Chosen Option : 3

Q.2 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: All Shoes are Feet. Some Shoes are Boxes. All Boxes are Houses.

Conclusions: (I) Some Houses are Shoes.

(II) Some Feet are Boxes.

Ans 1. Both conclusions (I) and (II) do not follow.

2. Only conclusion (I) follows.

3. Both conclusions (I) and (II) follow.

4. Only conclusion (II) follows.

Question ID : 264330151165
Status : Answered
Chosen Option : 3

Q.3 In a certain code language, 'DRAWN' is coded as '25761' and 'WARNE' is coded as '57264'. What is the code for 'E' in the given code language?

- Ans**
- 1. 2
 - 2. 1
 - 3. 4
 - 4. 5

Question ID : **264330147193**
Status : **Answered**
Chosen Option : **3**

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

$$42 \times 7 \div 12 - 77 + 13 = ?$$

- Ans**
- 1. 140
 - 2. 131
 - 3. 136
 - 4. 134

Question ID : **264330146412**
Status : **Answered**
Chosen Option : **3**

Q.5 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.)

19 : 370

17 : 298

11 : 130

15 : 244

- Ans**
- 1. 19 : 370
 - 2. 11 : 130
 - 3. 17 : 298
 - 4. 15 : 244

Question ID : **264330147018**
Status : **Answered**
Chosen Option : **4**

Q.6 What should come in place of ? in the given series?

16 19 25 34 46 ?

- Ans
- 1. 69
 - 2. 61
 - 3. 63
 - 4. 65

Question ID : 264330152029
Status : Answered
Chosen Option : 2

Q.7 If 11 August 1918 is Sunday, then what will be the day of the week on 4 December 1925?

- Ans
- 1. Saturday
 - 2. Tuesday
 - 3. Monday
 - 4. Friday

Question ID : 264330146647
Status : Answered
Chosen Option : 4

Q.8 In a certain code language,

L + B means L is the father of B,

L - B means L is the mother of B,

L × B means L is the son of B,

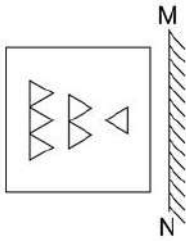
L ÷ B means L is the daughter of B.

Based on the above, if $Z \div Y + S \times V - U$, then how is Z related to V?

- Ans
- 1. Wife
 - 2. Mother
 - 3. Husband
 - 4. Daughter

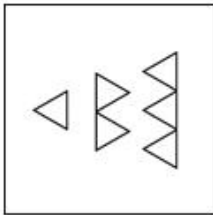
Question ID : 264330147416
Status : Answered
Chosen Option : 4

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

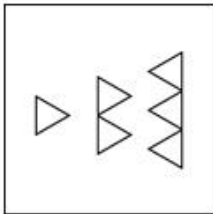


Ans

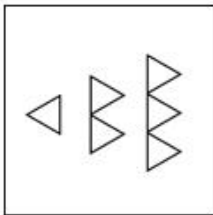
1.



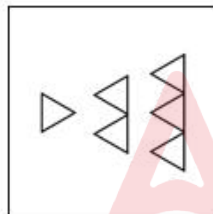
2.



3.



4.



Question ID : 264330146472

Status : Answered

Chosen Option : 4

Q.10 Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

Ans

1. WYZ

2. EGH

3. CEF

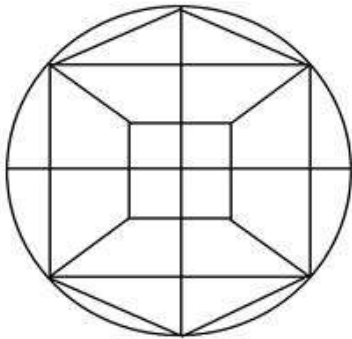
4. TVX

Question ID : 264330147093

Status : Answered

Chosen Option : 4

Q.11 How many squares are there in the given figure?



- Ans
- 1. 11
 - 2. 12
 - 3. 10
 - 4. 9

Question ID : 264330146921

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 75 is related to 25 in a certain way. Following the same logic, 69 is related to 23. To which of the following is 93 related, following the same logic?

- Ans
- 1. 31
 - 2. 39
 - 3. 30
 - 4. 38

Question ID : 264330150898

Status : Answered

Chosen Option : 1

Q.13 Select the correct combination of letters to sequentially replace the blanks and to make the given series logically complete.

D _ D _ E _ D _ _ D E _ _

- Ans
- 1. DEDDED
 - 2. EDEDED
 - 3. EDDEDD
 - 4. DEEDEE

Question ID : 264330150448

Status : Answered

Chosen Option : 3

Q.14 DFCB is related to LNKJ in a certain way based on the English alphabetical order. In the same way, OQNM is related to WYVU. To which of the following is JLIH related to, following the same logic?

- Ans**
- 1. RTSQ
 - 2. RTQP
 - 3. RQPT
 - 4. PRON

Question ID : 264330147274

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans**
- 1. A @ s 2 b k
 - 2. A @ s 2 b k
 - 3. A 9 2 s b k
 - 4. A @ s 2 b k

Question ID : 264330146690

Status : Answered

Chosen Option : 2

Q.16 EGDH is related to KMJN in a certain way based on the English alphabetical order. In the same way, QSPT is related to WYVZ. To which of the following is CEBF related to, following the same logic?

- Ans**
- 1. IKHL
 - 2. HKIL
 - 3. KMJN
 - 4. HGJK

Question ID : 264330147270

Status : Answered

Chosen Option : 1

Q.17 Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

QX 10, ?, WD 30, ZG 26, CJ 130

- Ans**
- 1. SB 15
 - 2. TA 6
 - 3. SC 12
 - 4. TB 18

Question ID : 264330146979

Status : Answered

Chosen Option : 2

Q.18 What should come in place of the question mark (?) in the given series?

717, 738, 757, ?, 789

- Ans
- 1. 784
 - 2. 787
 - 3. 774
 - 4. 772

Question ID : 264330147441
Status : Answered
Chosen Option : 3

Q.19 Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

4 - 200 - 5

6 - 420 - 7

(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. 3 - 660 - 9
 - 2. 7 - 780 - 8
 - 3. 8 - 720 - 9
 - 4. 4 - 400 - 7

Question ID : 264330147365
Status : Answered
Chosen Option : 3

Q.20 In a certain code language,

'W + V' means 'W is the sister of V',
'W # V' means 'W is the husband of V',
'W S V' means 'W is the daughter of V',
'W % V' means 'W is the mother of V',
'W @ V' means 'W is the brother of V'.

Based on the above, which of the following expressions denotes that 'Y is the wife of Z'?

- Ans
- 1. Z @ R + K + P % Y
 - 2. P S Y % R + K % Z
 - 3. Y % P # K + R % Z
 - 4. Y % P + K @ R S Z

Question ID : 264330147418
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.21 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?

(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. $17 - 14 - 15$
 - 2. $33 - 26 - 25$
 - 3. $39 - 33 - 30$
 - 4. $22 - 18 - 20$

Question ID : **264330152052**
Status : **Answered**
Chosen Option : **3**

Q.22 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

h_jh_jjhhi_hh_jh

- Ans**
- 1. ihji
 - 2. jjhi
 - 3. hiji
 - 4. ihhi

Question ID : **264330147163**
Status : **Answered**
Chosen Option : **1**

Q.23 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$104 - 7 \div 65 \times 13 + 38 = ?$$

- Ans**
- 1. 101
 - 2. 114
 - 3. 129
 - 4. 97

Question ID : **264330146405**
Status : **Answered**
Chosen Option : **1**

Q.24 In a certain code language, 'Earth and Sun' is coded as '2% J4 9&' and 'Sun and Stars' is coded as '9& 6# 2%'. What is the code for 'Stars' in the given code language?

- Ans**
- 1. 2%
 - 2. 9&
 - 3. J4
 - 4. 6#

Question ID : **264330147448**
Status : **Answered**
Chosen Option : **4**

Q.25 If 1 September 2002 is Sunday, then what will be the day of the week on 14 February 2003?

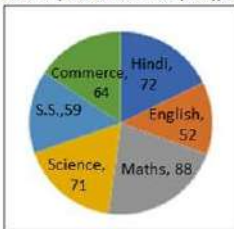
- Ans**
- 1. Sunday
 - 2. Saturday
 - 3. Friday
 - 4. Wednesday

Question ID : **264330147089**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 Study the given pie chart and answer the question that follows.

The pie chart represents the marks (out of 100) obtained by Shweta in different subjects – Hindi, English, Maths, Science, Social Science (S.S.), and Commerce in her class-X examination.



The marks obtained in English and S.S. are what per cent less than the marks obtained in Hindi and Maths?

- Ans**
- 1. $30\frac{1}{8}\%$
 - 2. $31\frac{5}{8}\%$
 - 3. $30\frac{5}{8}\%$
 - 4. $31\frac{1}{8}\%$

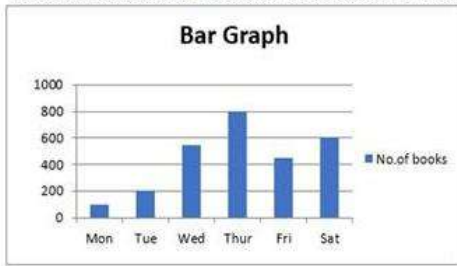
Question ID : **264330147909**
Status : **Answered**
Chosen Option : **3**

Q.2 The arc length of a sector of a circle that subtends a 22.5° angle at the centre is given as 16.5 cm. What will be the radius (in cm) of the circle? [Use $\pi = \frac{22}{7}$]

- Ans**
- 1. 35
 - 2. 49
 - 3. 42
 - 4. 48

Question ID : **264330146826**
Status : **Answered**
Chosen Option : **3**

Q.3 The table shows the sales of books from a school cooperative store in week days.



In how many days are the sales of books below the average sale?

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

Question ID : 264330148430
Status : Answered
Chosen Option : 2

Q.4 A sells a cycle to B at a profit of 33% and B sells it to C at a loss of 25%. If C bought the cycle for ₹3,059, then the cost price of it for A was:

- Ans
- 1. ₹ $3,066\frac{2}{3}$
 - 2. ₹ $2,044\frac{1}{3}$
 - 3. ₹ $4,054\frac{1}{3}$
 - 4. ₹ $5,014\frac{2}{3}$

Question ID : 264330148788
Status : Answered
Chosen Option : 1

Q.5 If $(4y - \frac{4}{y}) = 11$, find the value of $(y^2 + \frac{1}{y^2})$.

- Ans
- 1. $7\frac{9}{16}$
 - 2. $5\frac{9}{16}$
 - 3. $9\frac{11}{16}$
 - 4. $9\frac{9}{16}$

Question ID : 264330146850
Status : Answered
Chosen Option : 4

Q.6 If $(y - \frac{1}{y}) = -9$, what will be the value of $(y^5 - \frac{1}{y^5})$?

- Ans
- 1. - 62757
 - 2. - 62748
 - 3. - 62739
 - 4. - 59049

Question ID : 264330146855
Status : Answered
Chosen Option : 2

Q.7 A mobile is marked at a price 25% above its cost price. At what discount percentage it should be sold to make a 5% profit?

- Ans
- 1. 16%
 - 2. 15%
 - 3. 18%
 - 4. 17%

Question ID : 264330149436
Status : Answered
Chosen Option : 1

Q.8 Basanthi deposited ₹50,000 in a co-operative bank which is giving compound interest at the rate of 10% per annum. What will be her interest in the 3rd year?

- Ans
- 1. ₹66,550
 - 2. ₹6,050
 - 3. ₹5,050
 - 4. ₹10,050

Question ID : 264330147708
Status : Answered
Chosen Option : 2

Q.9 If the simple interest on ₹2,500 is more than the interest on ₹1,500 by ₹360 in 3 years, then find the rate of interest per annum.

- Ans
- 1. 11%
 - 2. 9%
 - 3. 10%
 - 4. 12%

Question ID : 264330151367
Status : Answered
Chosen Option : 4

Q.10 What is the area of a triangular flower bed of a garden whose perimeter is 20 metres and two sides are 5 metres and 6 metres.

- Ans**
- 1. $10\sqrt{2} \text{ m}^2$
 - 2. $2\sqrt{10} \text{ m}^2$
 - 3. $5\sqrt{2} \text{ m}^2$
 - 4. $4\sqrt{5} \text{ m}^2$

Question ID : 264330147717
Status : Answered
Chosen Option : 1

Q.11 Find the radius of the circle $x^2 + y^2 = 25$.

- Ans**
- 1. 25 units
 - 2. 5 units
 - 3. 2 units
 - 4. 12 units

Question ID : 264330149457
Status : Answered
Chosen Option : 2

Q.12 Raman spends 75% of his income. If his income increases by 20% and expenditure also increases by 10%, then by what per cent will Raman's savings increase?

- Ans**
- 1. 35%
 - 2. 40%
 - 3. 50%
 - 4. 45%

Question ID : 264330147888
Status : Answered
Chosen Option : 3

Q.13 A is twice a good worker as B and together they finish the work in 20 days. In how many days can A alone do it?

- Ans**
- 1. 25 days
 - 2. 36 days
 - 3. 20 days
 - 4. 30 days

Question ID : 264330147732
Status : Answered
Chosen Option : 4

Q.14 If the two interior opposite angles of an exterior angle of a triangle are 35° and 65° , then the measurement of the exterior angle is:

- Ans**
- 1. 135°
 - 2. 125°
 - 3. 100°
 - 4. 90°

Question ID : **264330148898**
Status : **Not Answered**
Chosen Option : --

Q.15 A car covers the first 210 km at a speed of 70 km/h. It covered the next 170 km at a speed of 85 km/h. What is its average speed?

- Ans**
- 1. 72 km/h
 - 2. 76 km/h
 - 3. 74 km/h
 - 4. 68 km/h

Question ID : **264330148189**
Status : **Answered**
Chosen Option : 2

Q.16 The value of $\frac{3 + 8 \times 8 \div 8 \text{ of } 8 + 7 \div 7 \times 2}{5 \div 5 \text{ of } 4 + 3 \times 3 \div 3 - 3 + 2}$ is:

- Ans**
- 1. $1\frac{3}{5}$
 - 2. $2\frac{2}{3}$
 - 3. $1\frac{4}{7}$
 - 4. $2\frac{3}{7}$

Question ID : **264330149332**
Status : **Answered**
Chosen Option : 2

Q.17 The value of $\frac{\sec 54^\circ}{\operatorname{cosec} 36^\circ} + \frac{\tan 70^\circ}{\cot 20^\circ} - 2 \tan 45^\circ$ is equal to:

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

Question ID : 264330148837
Status : Answered
Chosen Option : 2

Q.18 If $a : b = 5 : 7$, then $(6a^2 - 2b^2) : (b^2 - a^2)$ will be:

- Ans
- 1. 12 : 5
 - 2. 21 : 5
 - 3. 13 : 6
 - 4. 17 : 8

Question ID : 264330148395
Status : Answered
Chosen Option : 3

Q.19 Evaluate $\frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} - \sqrt{2}}$, given that $\sqrt{6} = 2.45$.

- Ans
- 1. 7.7
 - 2. 9.9
 - 3. 8.8
 - 4. 6.6

Question ID : 264330147738
Status : Answered
Chosen Option : 2

Q.20 The marked price of an item is 25% more than that of its cost price. If a discount of 10% is given on the marked price, then the gain percentage is:

- Ans
- 1. $10\frac{1}{2}\%$
 - 2. $9\frac{1}{2}\%$
 - 3. $13\frac{1}{2}\%$
 - 4. $12\frac{1}{2}\%$

Question ID : 264330148791
Status : Answered
Chosen Option : 4

Q.21 In a triangle ABC, AP, the bisector of $\angle A$, is perpendicular to BC at point P. The measures of BP and PC are x and 3y, respectively. The measures of AB and AC are 4x and (5y + 21), what is the value of (x + y)?

- Ans**
- 1. 21
 - 2. 15
 - 3. 12
 - 4. 18

Question ID : 264330147791

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.22 If $\sec A = \frac{17}{15}$, then what is the value of $\cot A$?

- Ans**
- 1. $\frac{15}{21}$
 - 2. $\frac{15}{7}$
 - 3. $\frac{8}{15}$
 - 4. $\frac{15}{8}$

Question ID : 264330148030

Status : **Answered**

Chosen Option : 4

Q.23 A train traveling at 80 km/h crosses another train traveling in the same direction at 26 km/h in 30 seconds. What is the combined length of both the trains?

- Ans**
- 1. 400 m
 - 2. 450 m
 - 3. 550 m
 - 4. 350 m

Question ID : 264330148750

Status : **Answered**

Chosen Option : 2

Q.24 Study the given table and answer the question that follows.
Marks obtained (out of 100) by four students P, Q, R, and S in four subjects in an examination are given in the table.

| MM. 100 | Students | | | |
|-------------|----------|----|----|----|
| Subjects | P | Q | R | S |
| Mathematics | 80 | 56 | 45 | 78 |
| Statistics | 78 | 60 | 54 | 70 |
| Physics | 70 | 50 | 40 | 60 |
| Geology | 65 | 52 | 49 | 57 |

Which student has scored the marks in the ratio of 10 : 13 in Physics and Mathematics?

- Ans**
- 1. S
 - 2. Q
 - 3. P
 - 4. R

Question ID : **264330147905**
Status : **Answered**
Chosen Option : **1**

Q.25 If $\sec \theta + \tan \theta = \frac{1}{\sqrt{3}}$, then the positive value of $\cot \theta + \cos \theta$ is:

- Ans**
- 1. $\frac{3\sqrt{3}}{2}$
 - 2. $\frac{\sqrt{3}}{2}$
 - 3. $\frac{2}{3\sqrt{3}}$
 - 4. $\frac{2}{\sqrt{3}}$

Question ID : **264330148873**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 The general target of the monetary policy is to ensure _____.

- A) price stability in the economy
- B) greater tax collections for the government
- C) employment generation in the rural areas

- Ans
- 1. Both B and C
 - 2. Only C
 - 3. Both A and B
 - 4. Only A

Question ID : 264330145717
Status : Not Answered
Chosen Option : --

Q.2 Which cytologist demonstrated the role of the endoplasmic reticulum (ER) in protein processing and sorting in a variety of cells in the 1960s?

- Ans
- 1. Ralph M Steinman
 - 2. George E Palade
 - 3. Nettie Stevens
 - 4. Cyril Darlington

Question ID : 264330145618
Status : Not Answered
Chosen Option : --

Q.3 As per the responsibilities defined in National Food Security Act, 2013, which of the following is a responsibility of the state/UT government?

- Ans
- 1. Transportation of foodgrains up to designated depots in each state/UT
 - 2. Allocation of required foodgrains to states/UTs
 - 3. Delivery of foodgrains from designated FCI godowns
 - 4. Identification of eligible households

Question ID : 264330150373
Status : Not Answered
Chosen Option : --

Q.4 At the Asian Wrestling Championships 2023 in Astana, Kazakhstan, who won silver in the 53 kg weight category?

- Ans**
- 1. Reetika Hooda
 - 2. Anshu Malik
 - 3. Antim Panghal
 - 4. Sonam Malik

Question ID : **264330150078**
Status : **Not Answered**
Chosen Option : --

Q.5 On which day was it announced that the Khel Ratna award will be declared as the Major Dhyan Chand Khel Ratna award?

- Ans**
- 1. 29 August 2020
 - 2. 6 August 2021
 - 3. 29 August 2021
 - 4. 6 August 2020

Question ID : **264330145906**
Status : **Answered**
Chosen Option : **3**

Q.6 In which year did the Government of India bring FRBM (Fiscal Responsibility and Budget Management) Act into effect?

- Ans**
- 1. 2015-16
 - 2. 2012-13
 - 3. 2004-05
 - 4. 2008-09

Question ID : **264330146103**
Status : **Not Answered**
Chosen Option : --

Q.7 Pushkar Mela is a popular cultural festival of which state?

- Ans**
- 1. Assam
 - 2. Bihar
 - 3. Rajasthan
 - 4. Sikkim

Question ID : **264330144755**
Status : **Answered**
Chosen Option : **3**

Q.8 The number of significant figures in 0.05800 are:

- Ans**
- 1. two
 - 2. four
 - 3. six
 - 4. five

Question ID : **264330145809**
Status : **Answered**
Chosen Option : **2**

Q.9 Which of these is NOT a characteristic of durable goods?

- Ans**
- 1. They are capable of repetitive use.
 - 2. They are not extinguished by immediate consumption.
 - 3. They are meant for repetitive purchases.
 - 4. They have a relatively long life.

Question ID : **264330144700**
Status : **Not Answered**
Chosen Option : --

Q.10 As per In the year 2022, which Indian airport had the most passengers and aircraft movements?

- Ans**
- 1. Chhatrapati Shivaji Maharaj International Airport (Mumbai)
 - 2. Rajiv Gandhi International Airport (Hyderabad)
 - 3. Indira Gandhi International Airport (Delhi)
 - 4. Kempegowda International Airport (Bengaluru)

Question ID : **264330155018**
Status : **Answered**
Chosen Option : **3**

Q.11 In the Union Budget 2023-24, the Government of India has adopted Seven Priorities, which are termed as _____

- Ans**
- 1. Spatasiddanth
 - 2. Saptarishi
 - 3. Saptanga
 - 4. Spatasutra

Question ID : **264330145947**
Status : **Marked For Review**
Chosen Option : **2**

Q.12 According to Census of India 2011, which of the following States/Union Territories are in correct descending order of literacy rate?

- Ans**
- 1. Kerala, Goa, Maharashtra
 - 2. Kerala, Lakshadweep, Mizoram
 - 3. Kerala, Puducherry, Goa
 - 4. Kerala, Uttarakhand, Madhya Pradesh

Question ID : **264330150330**
Status : **Answered**
Chosen Option : **2**

Q.13 Which of the following ancient texts is a source to study Bharatanatyam?

- Ans**
- 1. Abhinaya Darpana
 - 2. Abhigyan Shakuntalam
 - 3. Ashtadhyayi
 - 4. Arthashastra

Question ID : **264330145752**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following items is NOT a part of the non-plan revenue expenditure of the government budget?

- Ans**
- 1. Salaries and pensions
 - 2. Subsidies
 - 3. Defence services
 - 4. Central assistance for states and union territories

Question ID : **264330151335**
Status : **Answered**
Chosen Option : **2**

Q.15 What did the term 'bhoga' refer to during the medieval period?

- Ans**
- 1. Revenue assignments
 - 2. Donations to temples
 - 3. A festival
 - 4. Religious function

Question ID : **264330148550**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The Koya movement in Malkangiri, during 1880, (now in Odisha) was led by:

- Ans
- 1. Ratna Naik
 - 2. Tama Dora
 - 3. Rindo Majhi
 - 4. Dayanidhi Dharua

Question ID : 264330150399
Status : Not Answered
Chosen Option : --

Q.17 Which of the following awards was presented to Guru Bipin Singh, a popular Manipuri dancer?

- Ans
- 1. Saraswati Samman
 - 2. Kalamandal Puraskar
 - 3. Sangeet Natak Akademi Award
 - 4. Padma Shri

Question ID : 264330151259
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.18 Zakir Hussain is associated with which musical instrument?

- Ans
- 1. Santoor
 - 2. Sitar
 - 3. Tabla
 - 4. Piano

Question ID : 264330144777
Status : Answered
Chosen Option : 3

Q.19 The radius of curvature of a charged particle's passage in a homogeneous magnetic field is proportional to:

- Ans
- 1. energy of particle
 - 2. charge of particle
 - 3. momentum of particle
 - 4. strength of the field

Question ID : 264330144464
Status : Not Answered
Chosen Option : --

Q.20 At the 2023 Khelo India Youth Games, how many silver medals were won by Maharashtra?

- Ans**
- 1. 50
 - 2. 55
 - 3. 56
 - 4. 60

Question ID : **264330146287**
Status : **Not Answered**
Chosen Option : --

Q.21 Which of these is NOT among the reforms related to agriculture undertaken under the five year plans?

- Ans**
- 1. Introduction of the policy of 'land to the tiller'
 - 2. Introduction of the Land Ceiling Act
 - 3. Launch of the high yielding variety seed technology
 - 4. Formation of Rent Authority Department

Question ID : **264330144710**
Status : **Not Answered**
Chosen Option : --

Q.22 Which of the following is the primary factor contributing to the dryness of old wells?

- Ans**
- 1. Wells have been covered.
 - 2. People have stopped utilising wells.
 - 3. A lot of boring pumps have been set up in the adjacent areas.
 - 4. The ground surrounding the wells has been covered with a layer of vegetation.

Question ID : **264330144491**
Status : **Not Answered**
Chosen Option : --

Q.23 Which of the following Articles of the Indian Constitution is related to the Right to Freedom?

- Ans**
- 1. Article 17
 - 2. Article 19
 - 3. Article 18
 - 4. Article 16

Question ID : **264330146553**
Status : **Answered**
Chosen Option : 2

Q.24 What is the direction of the southeast trade winds in India during the southwest monsoon season?

- Ans**
- 1. South-easterly
 - 2. North-westerly
 - 3. South-westerly
 - 4. North-easterly

Question ID : **264330150250**
Status : **Not Answered**
Chosen Option : --

Q.25 The Fundamental Rights have been guaranteed to protect the public from repressive state actions; judicial decisions tend to expand the scope of the word 'State' as defined by _____ of the Indian Constitution.

- Ans**
- 1. Article 12
 - 2. Article 14
 - 3. Article 15
 - 4. Article 13

Question ID : **264330145740**
Status : **Answered**
Chosen Option : 1

