Combined Higher Secondary Level Examination 2024 Tier I

Venue Name	
Exam Date	05/07/2024
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2024 Tier I

Q.1 **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.**
The aeroplane took down / without the passengers after / making a sudden announcement.

Ans
✗ 1. No error
✗ 2. making a sudden announcement
✗ 3. without the passengers after
✓ 4. The aeroplane took down

Q.2 **Parts of the following sentence have been given as options. Select the option that contains an error.**
Emily is a American living in Paris for her work.

Ans
✗ 1. for her work
✓ 2. a American
✗ 3. living in Paris
✗ 4. Emily is

Q.3 **The following sentence has been divided into four parts. Identify the part that contains an error.**
This is / a doll / and there is / a umbrella.

Ans
✓ 1. a umbrella.
✗ 2. This is
✗ 3. and there is
✗ 4. a doll

Q.4 **The following sentence has been split into four segments. Identify the segment that contains an error.**
She shall being / travelling / by this time / tomorrow.

Ans
✓ 1. She shall being
✗ 2. tomorrow
✗ 3. travelling
✗ 4. by this time

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.
The Sun is about 1.4 million kilometres (1)_____diameter, while the Earth is about 13,000 kilometers wide. This indicates that the Sun's width would need to be filled by more than one hundred Earths. Sunspots are dreary (2)_____ on the Sun's surface that are two thousand degrees Celsius cooler than the rest of the surface. The coolest piece of the sunspot is the dim focus called the umbra. The penumbra surrounds it. On the Sun's surface, some sunspots are just specks. Additionally, they appear in groups up to ten times larger than Earth. They can sometimes reach 200,000 miles in length. As the Sun rotates, these groups (3)_____ to travel across the Sun over two weeks. Every 11 years, the number of sunspots reaches its maximum. The solar or sunspot cycle (4)_____ to this. The Earth's weather may become more extreme and warm during the peak of sunspot activity. According to the (5)_____ made by satellites like Nimbus 7, when sunspots are at their largest, less heat reaches Earth.

SubQuestion No : 5

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

Ans
✗ 1. of
✗ 2. on
✗ 3. at
✓ 4. in

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.
The Sun is about 1.4 million kilometres (1)_____diameter, while the Earth is about 13,000 kilometers wide. This indicates that the Sun's width would need to be filled by more than one hundred Earths. Sunspots are dreary (2)_____ on the Sun's surface that are two thousand degrees Celsius cooler than the rest of the surface. The coolest piece of the sunspot is the dim focus called the umbra. The penumbra surrounds it. On the Sun's surface, some sunspots are just specks. Additionally, they appear in groups up to ten times larger than Earth. They can sometimes reach 200,000 miles in length. As the Sun rotates, these groups (3)_____ to travel across the Sun over two weeks. Every 11 years, the number of sunspots reaches its maximum. The solar or sunspot cycle (4)_____ to this. The Earth's weather may become more extreme and warm during the peak of sunspot activity. According to the (5)_____ made by satellites like Nimbus 7, when sunspots are at their largest, less heat reaches Earth.

SubQuestion No : 6

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

Ans
✓ 1. regions
✗ 2. province
✗ 3. section
✗ 4. belt

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.
The Sun is about 1.4 million kilometres (1)_____diameter, while the Earth is about 13,000 kilometers wide. This indicates that the Sun's width would need to be filled by more than one hundred Earths. Sunspots are dreary (2)_____ on the Sun's surface that are two thousand degrees Celsius cooler than the rest of the surface. The coolest piece of the sunspot is the dim focus called the umbra. The penumbra surrounds it. On the Sun's surface, some sunspots are just specks. Additionally, they appear in groups up to ten times larger than Earth. They can sometimes reach 200,000 miles in length. As the Sun rotates, these groups (3)_____ to travel across the Sun over two weeks. Every 11 years, the number of sunspots reaches its maximum. The solar or sunspot cycle (4)_____ to this. The Earth's weather may become more extreme and warm during the peak of sunspot activity. According to the (5)_____ made by satellites like Nimbus 7, when sunspots are at their largest, less heat reaches Earth.

SubQuestion No : 7

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

Ans
✗ 1. act
✗ 2. shape
✓ 3. appear
✗ 4. show

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.
The Sun is about 1.4 million kilometres (1)_____diameter, while the Earth is about 13,000 kilometers wide. This indicates that the Sun's width would need to be filled by more than one hundred Earths. Sunspots are dreary (2)_____ on the Sun's surface that are two thousand degrees Celsius cooler than the rest of the surface. The coolest piece of the sunspot is the dim focus called the umbra. The penumbra surrounds it. On the Sun's surface, some sunspots are just specks. Additionally, they appear in groups up to ten times larger than Earth. They can sometimes reach 200,000 miles in length. As the Sun rotates, these groups (3)_____ to travel across the Sun over two weeks. Every 11 years, the number of sunspots reaches its maximum. The solar or sunspot cycle (4)_____ to this. The Earth's weather may become more extreme and warm during the peak of sunspot activity. According to the (5)_____ made by satellites like Nimbus 7, when sunspots are at their largest, less heat reaches Earth.

SubQuestion No : 8

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

Ans
✓ 1. refers
✗ 2. entrust
✗ 3. cite
✗ 4. pass

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.
The Sun is about 1.4 million kilometres (1)_____diameter, while the Earth is about 13,000 kilometers wide. This indicates that the Sun's width would need to be filled by more than one hundred Earths. Sunspots are dreary (2)_____ on the Sun's surface that are two thousand degrees Celsius cooler than the rest of the surface. The coolest piece of the sunspot is the dim focus called the umbra. The penumbra surrounds it. On the Sun's surface, some sunspots are just specks. Additionally, they appear in groups up to ten times larger than Earth. They can sometimes reach 200,000 miles in length. As the Sun rotates, these groups (3)_____ to travel across the Sun over two weeks. Every 11 years, the number of sunspots reaches its maximum. The solar or sunspot cycle (4)_____ to this. The Earth's weather may become more extreme and warm during the peak of sunspot activity. According to the (5)_____ made by satellites like Nimbus 7, when sunspots are at their largest, less heat reaches Earth.

SubQuestion No : 9

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

Ans
✗ 1. invalidations
✓ 2. observations
✗ 3. inspections
✗ 4. perceptions

Q.10 Select the most appropriate synonym of the word 'Swap' from the given sentence.

The original buyer attempted to resell the tickets online because there was no option to exchange them for a new date.

Ans
✗ 1. resell
✗ 2. option
✗ 3. original
✓ 4. exchange

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

Transient

Ans
✗ 1. Transparent
✗ 2. Transitory
✓ 3. Permanent
✗ 4. Irregular

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The hotel room, / which we / booked, / isn't enough big.

Ans
✓ 1. isn't enough big
✗ 2. The hotel room
✗ 3. booked,
✗ 4. which we

Q.13 Select the correct spelling of the underlined word.
He is one of the most <u>underated</u> players in the team.

Ans
✗ 1. Underatted
✓ 2. Underrated
✗ 3. Underreted
✗ 4. Undereted

Q.14 **Select the most appropriate ANTONYM of the given word.**
Innocent

Ans
- ✗ 1. Unfair
- ✗ 2. Mischievous
- ✗ 3. Righteous
- ✓ 4. Guilty

Q.15 **Select the most appropriate option that can substitute the underlined word in the given sentence.**
Even in cold weather, the reliable car always started on the first try.

Ans
- ✓ 1. dependable
- ✗ 2. inaccurate
- ✗ 3. erratic
- ✗ 4. flaky

Q.16 **Select the most appropriate meaning of the given idiom.**

To be at daggers drawn

Ans
- ✗ 1. To be about to collapse
- ✗ 2. Under suspicion
- ✓ 3. Ready to fight
- ✗ 4. To be under control

Q.17 **Select the most appropriate meaning of the given idiom.**
To cost an arm and a leg

Ans
- ✗ 1. Someone has borne losses
- ✗ 2. Someone does not have money to buy something
- ✗ 3. Someone is badly hurt
- ✓ 4. Something is very expensive

Q.18 **Select the most appropriate synonym of the given word.**

Appalled

Ans
- ✓ 1. Disgusted
- ✗ 2. Allied
- ✗ 3. Applied
- ✗ 4. Clap

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

The news gave him inexpressible ecstasy.

Ans
- ✓ 1. Depression
- ✗ 2. Passion
- ✗ 3. Delight
- ✗ 4. Disappointment

Q.20 **Select the most appropriate option that can substitute the underlined word segment in the following sentence.**
They are leaving <u>there coats there</u>.

Ans
✔ 1. their coats there
✘ 2. they're coats there
✘ 3. their coats their
✘ 4. there coats their

Q.21 **Select the most appropriate ANTONYM for the underlined word in the given sentence.**
He feels that wealthy people view him with <u>contempt</u> because he is poor.

Ans
✘ 1. Derision
✘ 2. Scorn
✘ 3. Obscurity
✔ 4. Admiration

Q.22 **Identify the incorrectly spelt word and select its correct spelling.**
You shall recieve proper pay for your work.

Ans
✘ 1. propeer
✘ 2. resieve
✔ 3. receive
✘ 4. propper

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

She went on a shopping spree with her friend and made him _____ the fat bill.

Ans
✘ 1. do
✔ 2. pay
✘ 3. give
✘ 4. paid

Q.24 **Select the most appropriate ANTONYM of the given word.**
Cramped

Ans
✔ 1. Spacious
✘ 2. Filthy
✘ 3. Crammed
✘ 4. Tight

Q.25 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Mrs. Lakshmi's <u>purchases add around to</u> ₹2,650.

Ans
✘ 1. purchases add for to
✘ 2. purchases add out to
✘ 3. purchases add from to
✔ 4. purchases add up to

Q.1 **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: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ 1. DGL
✓ 2. FIM
✗ 3. QTY
✗ 4. MPU

Q.2 **In a certain code language**
A + B means 'A is the brother of B'
A – B means 'A is the father of B'
A × B means 'A is the wife of B'
A ÷ B means 'A is the mother of B'
Based on the above, how is P related to T if 'P ÷ Q × R − S + T'?

Ans
✗ 1. Father's sister
✗ 2. Mother's sister
✓ 3. Mother's mother
✗ 4. Father's mother

Q.3 **What should come in place of the question mark (?) in the given series?**

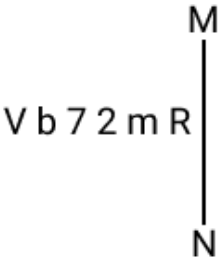
32, 61, 90, 119, ?, 177

Ans
✗ 1. 149
✗ 2. 146
✓ 3. 148
✗ 4. 147

Q.4 **LJNR is related to IGLP in a certain way based on the English alphabetical order. In the same way, FDHL is related to CAFJ. To which of the following is HFJN related, following the same logic?**

Ans
✗ 1. EDHL
✗ 2. EDGL
✓ 3. ECHL
✗ 4. EBIL

Q.5 **Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.**



Ans
✓ 1. Я m Σ ⅂ d V
✗ 2. Я m Z ⅃ d V
✗ 3. Я m Σ ⅂ d Λ
✗ 4. 2 m R ⅂ d V

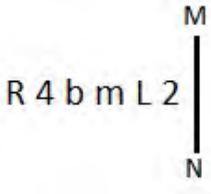
Q.6 **If 4 December 2014 was Thursday, then what was the day of the week on 10 December 2018?**

Ans
✔ 1. Monday
✘ 2. Tuesday
✘ 3. Wednesday
✘ 4. Friday

Q.7 In a certain code language, 'CODE' is coded as '1573' and 'DICE' is coded as '7185'. How is 'O' coded in the given language?

Ans
✘ 1. 8
✔ 2. 3
✘ 3. 7
✘ 4. 5

Q.8 **Select the correct mirror image of the given figure when the mirror is placed at MN.**



Ans
✘ 1. 2 L m b 4 R
✔ 2. 2 L m d 4 R
✘ 3. 2 L m q 4 R
✘ 4. 2 L m d 4 R

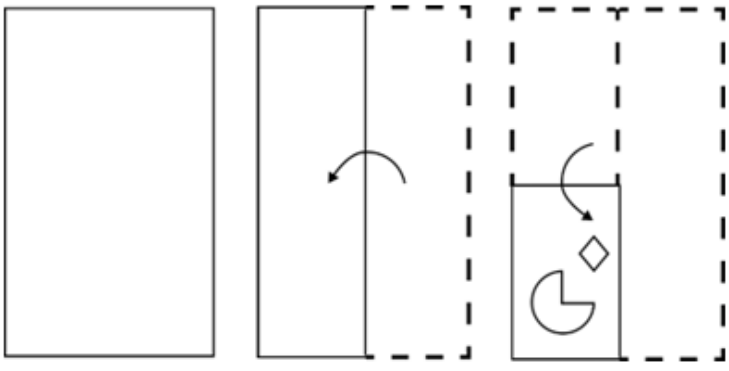
Q.9 NGPZ is related to JCLV in a certain way based on the English alphabetical order. In the same way, XDLM is related to TZHI. To which of the following is RUKV related, following the same logic?

Ans
✘ 1. NGQR
✘ 2. NGRQ
✔ 3. NQGR
✘ 4. NQRG

Q.10 **In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.**
Statements:
Some strawberries are oranges.
Some oranges are kiwis.
All kiwis are melons.
Conclusions:
I. No strawberry is a melon.
II. All strawberries are melons.
III. Some strawberries are kiwis.

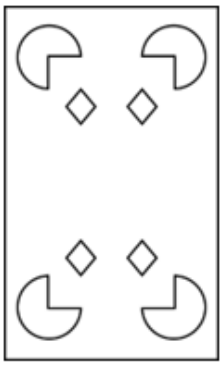
Ans
✘ 1. Both conclusions I and II follow.
✘ 2. Both conclusions II and III follow.
✘ 3. All conclusions I, II and III follow.
✔ 4. Neither conclusions I, II nor III follows.

Q.11 A paper is folded and cut as shown below. How will it appear when unfolded?

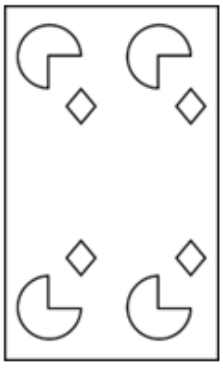


Ans

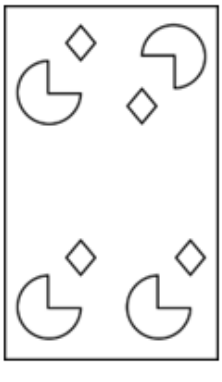
✔ 1.

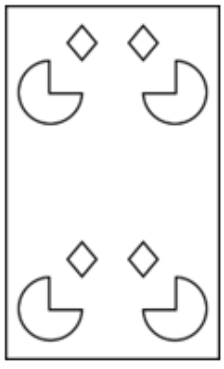


✘ 2.



✘ 3.



4. 

Q.12 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

35 B 7 D 120 A 12 C 38 = ?

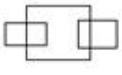
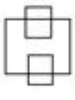
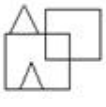
Ans

1. 473
2. 173
3. 373
4. 273

Q.13 Select the option in which the given figure is embedded. (Rotation is NOT allowed.)



Ans

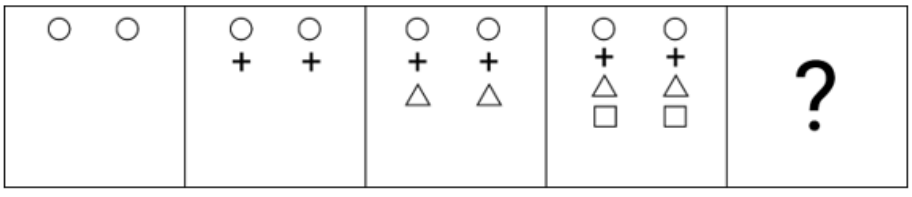
1. 
2. 
3. 
4. 

Q.14 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then the resultant of which of the following will be 1049?**

Ans

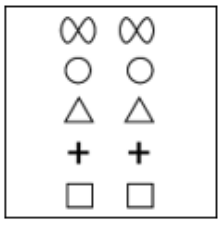
1. 94 D 11 B 180 A 4 C 60
2. 94 A 11 D 180 B 4 C 60
3. 94 B 11 D 180 A 4 C 60
4. 94 C 11 D 180 A 4 B 60

Q.15 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series?

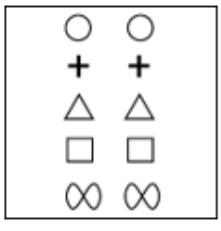


Ans

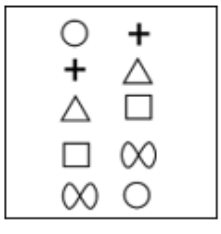
✗ 1.



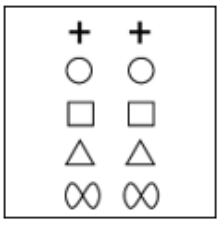
✓ 2.



✗ 3.

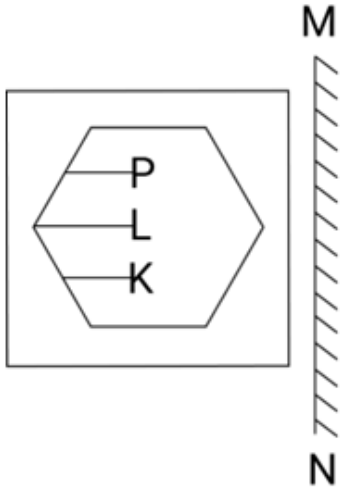


✗ 4.



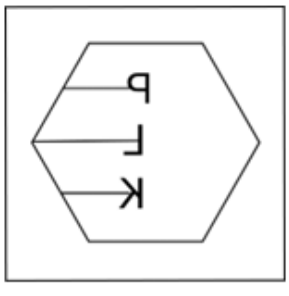
PrepXpert

Q.16 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

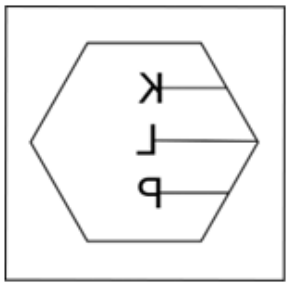


Ans

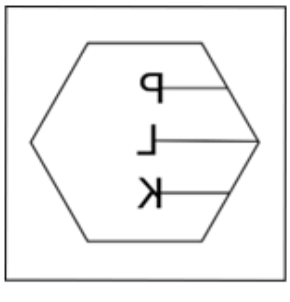
✗ 1.



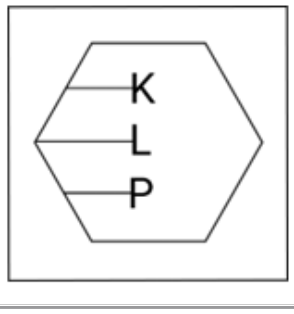
✗ 2.



✓ 3.



✗ 4.



Q.17 **Which two numbers should be interchanged to make the given equation correct?**

(99 − 42 + 11) + (36 ÷ 6) × 7 − 50 = 73

(NOTE: Numbers must be interchanged and not the constituent digits e.g. if 2 and 3 are to be interchanged in the equation 43 × 3 + 4 ÷ 2, then interchanged equation is 43 × 2 + 4 ÷ 3)

Ans
✗ 1. 7 and 11
✗ 2. 50 and 99
✗ 3. 50 and 11
✓ 4. 42 and 36

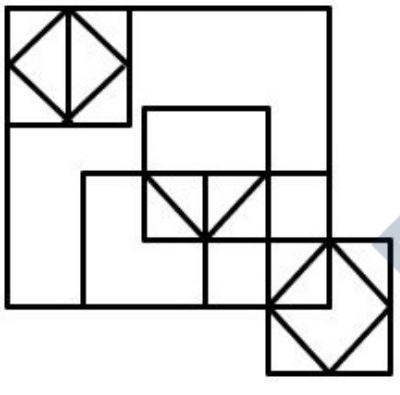
Q.18 **If 18 August 2000 was Friday, then what was the day of the week on 21 August 2005?**

Ans
✗ 1. Wednesday
✓ 2. Sunday
✗ 3. Monday
✗ 4. Friday

Q.19 **In a certain code language, 'BAKE' is coded as '2496' and 'CAKE' is coded as '4369'. How is 'B' coded in that language?**

Ans
✓ 1. 2
✗ 2. 4
✗ 3. 6
✗ 4. 9

Q.20 **How many triangles are there in the given figure?**



Ans
✓ 1. 16
✗ 2. 18
✗ 3. 15
✗ 4. 17

Q.21 What should come in place of ? in the given series based on the English alphabetical order?

OWL QAQ ? UIA WMF

Ans
✗ 1. LQJ
✗ 2. XMB
✓ 3. SEV
✗ 4. PNL

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

xy_z_xxy_zbx_yx_bx_y_z_x

Ans
1. xyxxzxxb
2. xbxyzxxb
3. xzxxyyzx
4. xbxxzxxb

Q.23 161 is related to 23 following a certain logic. Following the same logic, 301 is related to 43. To which of the following is 427 related following the same logic?
(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 /deleting /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. 57
2. 61
3. 59
4. 63

Q.24 Which two numbers should be interchanged to make the given equation correct?

69 + 15 − (14 × 4) ÷ 2 + (48 ÷ 3) = 58

(NOTE: Numbers must be interchanged and not the constituent digits e.g. if 2 and 3 are to be interchanged in the equation 43 × 3 + 4 ÷ 2, then interchanged equation is 43 × 2 + 4 ÷ 3)

Ans
1. 48 and 15
2. 4 and 2
3. 3 and 4
4. 69 and 48

Q.25 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(11, 8, 352)
(15, 6, 360)

(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, 6, 102)
2. (8, 9, 352)
3. (16, 5, 320)
4. (11, 7, 231)

Q.1 The distance between the centres of two circles of radii 7 cm and 5 cm is 15 cm. Find the length of the transverse common tangent to these circles.

Ans
1. 7 cm
2. 11 cm
3. 13 cm
4. 9 cm

Q.2 **The length, breadth and height of a cuboid are in ratio of 3 : 4 : 5. If the volume of the cuboid is 1620 m^3, find the total surface area of the cuboid.**

Ans

✗ 1. 646 m^2

✓ 2. 846 m^2

✗ 3. 423 m^2

✗ 4. 712 m^2

Q.3 **If a : b = 3 : 4, b : c = 2 : 3, and c : d = 5 : 6, then a : b : c : d is:**

Ans

✗ 1. 10 : 20 : 30 : 36

✗ 2. 15 : 25 : 30 : 36

✓ 3. 15 : 20 : 30 : 36

✗ 4. 15 : 20 : 35 : 36

Q.4 **If 3c2933k is divisible by both 5 and 11, where c and k are single digit natural numbers, then c + k = _____.**

Ans

✓ 1. 6

✗ 2. 8

✗ 3. 5

✗ 4. 7

Q.5 Simplify the following expression.

$99 - [169 \div (13 \times 13) - (-4) - \{3 - 17 + 10\}]$

Ans

✗ 1. 107

✗ 2. 87

✗ 3. 80

✓ 4. 90

Q.6 A cylindrical oil tank has a radius of 5 m and a total surface area of 628 m^2, what would be its curved surface area? (round off to the second decimal place)

Ans

✗ 1. 401.43 m^2

✗ 2. 371.83 m^2

✓ 3. 470.8 m^2

✗ 4. 481.43 m^2

Q.7 **ΔABC is similar to ΔDEF and the ratio of the area of triangle ABC to triangle DEF is 25 : 144. If AB = p cm, AC = q cm and BC = r cm, then DE = ?**

Ans

✗ 1. $\frac{5}{12}q$

✗ 2. $\frac{5}{12}p$

✓ 3. $\frac{12}{5}p$

✗ 4. $\frac{12}{5}q$

Q.8 **Monthly salary of Jitvik in the month of December 2020 was ₹24,800. Every year his salary increases by 5% from the month of January. What was his salary (in ₹) in the month of February 2022?**

Ans

✗ 1. 27180

✗ 2. 27486

✗ 3. 26485

✓ 4. 27342

Q.9 **The difference between 31% and 26% of votes for the same party at different places is 2350. What is 7% of those votes?**

Ans

✗ 1. 2270

✗ 2. 4090

✗ 3. 3090

✓ 4. 3290

Q.10 A sum of ₹18,000 gives a simple interest of ₹3,240 in 2 years and 3 months. The rate of interest per annum is:

Ans

✗ 1. 12%

✓ 2. 8%

✗ 3. 7%

✗ 4. 10%

Q.11 Abhishek's marks in Mathematics were incorrectly entered as 93 instead of 63. Due to this, the average marks of the class in Mathematics got increased by 0.5. How many students were there in the class?

Ans

✗ 1. 55

✓ 2. 60

✗ 3. 50

✗ 4. 45

Q.12 A coffee maker with marked price ₹4,000 is available on successive discounts of 15%, 10% and 5%. Find the selling price of the coffee maker.

Ans

✗ 1. ₹2,905

✓ 2. ₹2,907

✗ 3. ₹2,900

✗ 4. ₹2,903

Q.13 Sapna finishes a job in 12 hours working alone. If Sapna and Riya finish the same job in 8 hours working together at their respective constant rates, then, in how many hours can Riya do the job working alone?

Ans
1. 18 ✗
2. 20 ✗
3. 16 ✗
4. 24 ✓

Q.14 **If tan A = a tan B and sin A = b sin B, then the value of $\cos^2 A$ is:**

Ans
1. $\frac{b^2+1}{a^2+1}$ ✗
2. $\frac{b^2-1}{a^2-1}$ ✓
3. $\frac{a^2+1}{b^2+1}$ ✗
4. $\frac{a^2-1}{b^2-1}$ ✗

Q.15 Rajesh is playing with a football having diameter of 28 cm. He wants to get a photo of his favourite player painted on the entire ball. The painter charges ₹2/cm^2. What will be the cost (in ₹) of painting the ball (take $\pi = \frac{22}{7}$)?

Ans
1. 4,928 ✓
2. 2,414 ✗
3. 4,828 ✗
4. 2,464 ✗

Q.16 AB is parallel to DC in a trapezium ABCD. It is given that AB > DC and the diagonals AC and BD intersect at O. If AO = $3x - 15$, OB = $x + 9$, OC = $x - 5$ and OD = 5, and x has two values x_1 and x_2, then the value of $(x_1^2 + x_2^2)$ is:

Ans
1. 45 ✗
2. 56 ✗
3. 61 ✓
4. 73 ✗

Q.17 Study the given table and answer the questions that follow.

The table represents the number of candidates appeared, qualified, and selected in a national level examination from four different schools M, N, O and P over the years 2012 to 2017.

Where A: Appeared; Q: Qualified ; S:Selected

Year	M			N			O			P		
	A	Q	S	A	Q	S	A	Q	S	A	Q	S
2012	7000	750	84	3000	400	34	2000	250	27	1500	160	23
2013	5500	500	55	3500	420	56	2500	340	36	2500	290	56
2014	6500	455	42	3800	460	66	3500	380	48	2700	480	67
2015	8500	854	89	4500	485	72	4500	560	57	3400	540	87
2016	9000	922	92	4690	678	86	5670	660	68	3700	650	89
2017	9200	942	94	6700	700	92	6780	680	89	4500	670	93

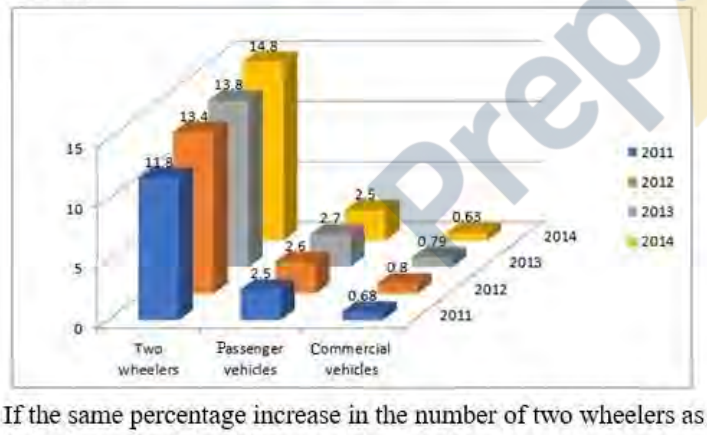
For which school is the average number of candidates selected over the years the maximum?

Ans
- ✗ 1. P
- ✗ 2. N
- ✗ 3. O
- ✓ 4. M

Q.18 **Ravath had to sell vegetables worth ₹4,960 for ₹4,712 due to weather conditions. What is the loss percentage that he has incurred?**

Ans
- ✗ 1. 15%
- ✗ 2. 20%
- ✗ 3. 10%
- ✓ 4. 5%

Q.19 The given chart represents the sales of automobiles in India (by type, in million units) from the year 2011 to 2014. Study the chart and answer the question that follows.

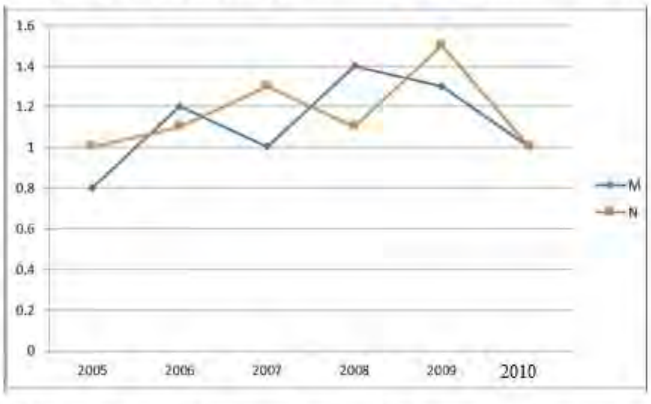


If the same percentage increase in the number of two wheelers as in 2014 over 2013 is expected in 2015, approximately how many two wheelers will be sold in 2015?

Ans
- ✓ 1. 15.8 million
- ✗ 2. 16.8 million
- ✗ 3. 14.8 million
- ✗ 4. 17.8 million

Q.20 The following line graph shows the ratio of imports to exports of two companies over the years.

Study the graph carefully and answer the question that follows.



If the exports of Company M in 2008 were ₹210 crores, what were the imports of the company in the same year?

Ans
- ✗ 1. ₹268 crores
- ✗ 2. ₹186 crores
- ✓ 3. ₹294 crores
- ✗ 4. ₹150 crores

Q.21 **Raju has ₹11,000 and starts saving ₹5,000 each week towards buying a new laptop. At the same time, Ramesh has ₹60,000 and begins spending ₹2,000 per week on supplies for his art class. Will there be a week when they have the same amount of money?**

Ans
- ✗ 1. Yes, after 5 weeks
- ✗ 2. No, they will never have the same amount
- ✗ 3. Yes, after 7 weeks
- ✓ 4. Yes, after 6 weeks

Q.22 A girl walking at a speed of 9 km/h crosses a bridge in 45 minutes. Find the length of the bridge in metres.

Ans
- ✗ 1. 7532
- ✓ 2. 6750
- ✗ 3. 6349
- ✗ 4. 6398

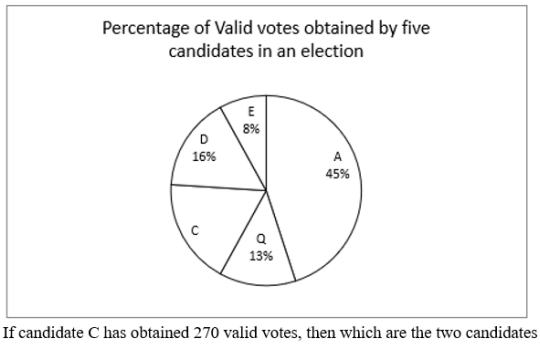
Q.23 **The population of a town first decreased by 16% due to migration to a big city for better job opportunities. The next year, the population of the town increased by 21% as there were better facilities for jobs. What is the net percentage change (correct to 2 decimal places) in the population?**

Ans
- ✗ 1. Decrease by 2.54%
- ✗ 2. Increase by 2.54%
- ✗ 3. Decrease by 1.64%
- ✓ 4. Increase by 1.64%

Q.24 **In triangle XYZ, XY = YZ and m∠X = 78°. Find the value of m∠Y.**

Ans
- ✓ 1. 24°
- ✗ 2. 39°
- ✗ 3. 34°
- ✗ 4. 28°

Q.25 Study the given pie chart and answer the question that follows. The given pie chart represents the percentage of valid votes obtained by five candidates in a university election.



If candidate C has obtained 270 valid votes, then which are the two candidates for whom the difference in valid votes obtained is 45?

Ans
- ✗ 1. Q and C
- ✓ 2. D and Q
- ✗ 3. A and Q
- ✗ 4. C and D

Q.1 **The 42nd amendment of the Indian Constitution added _____.**

Ans
- ✗ 1. Fundamental rights
- ✓ 2. Fundamental duties
- ✗ 3. National anthem
- ✗ 4. Legislature

Q.2 **With which of the following sports is Lovlina Borgohain associated?**

Ans
- ✗ 1. hockey
- ✗ 2. basketball
- ✓ 3. boxing
- ✗ 4. cricket

Q.3 **The relationship between which of the following is correct?**

Ans
- ✗ 1. Domestic income = NDP at market price + net indirect taxes
- ✗ 2. NDP at market price = GDP at market price + depreciation
- ✗ 3. GDP at market price = price + quantity of final goods and services
- ✓ 4. National income = NDP at factor cost + net factor income from abroad

Q.4 **Which of the following statement(s) is/are INCORRECT vis-à-vis Fundamental Duties?**
1) They are obligatory in nature
2) Fundamental Rights and Fundamental duties are complementary to each other.
3) The introduction of Article 51A created strong base for a concrete national character and strong harmony.
4) Eleventh fundamental duty was added by 78th constitutional amendment act.

Ans
- ✗ 1. 2 and 3
- ✗ 2. 1 and 2
- ✓ 3. Only 4
- ✗ 4. Only 3

Q.5 **Pinjore heritage festival is organised by the state of _____.**

Ans
✗ 1. Uttarakhand
✗ 2. Sikkim
✓ 3. Haryana
✗ 4. Jharkhand

Q.6 **In which of the following states are the Pai songs accompanied by the Saria dance sung during the rain festivals?**

Ans
✗ 1. Tripura
✗ 2. Uttar Pradesh
✓ 3. Madhya Pradesh
✗ 4. Sikkim

Q.7 **As per Census of India 2011, which of the following groups of states recorded the lowest literacy rate?**

Ans
✗ 1. Bihar and Madhya Pradesh
✗ 2. Rajasthan and Assam
✓ 3. Bihar and Arunachal Pradesh
✗ 4. Rajasthan and Jharkhand

Q.8 Sanjukta Panigrahi a legendary dancer is associated with which of the following dance forms?

Ans
✗ 1. Bihu
✓ 2. Odissi
✗ 3. Kuchipudi
✗ 4. Laho

Q.9 **Which of the following options is INCORRECT?**

Ans
✗ 1. The Planning Commission of India was set up in 1950.
✗ 2. India borrowed the idea of five-year plans from the former Soviet Union.
✗ 3. The chairmanship of the Planning Commission of India was given to the Prime Minister.
✓ 4. Distinguished economists from India and abroad were invited to advise on India's economic development during the first five-year plan period.

Q.10 **Who among the following is a singer of Hindustani classical music?**

Ans
✗ 1. S Sowmya
✓ 2. Shubha Mudgal
✗ 3. Aruna Sairam
✗ 4. Sudha Ragunathan

Q.11 **The Maritime Anti-Piracy Act, 2022, was enacted to give effect to which of the following?**

Ans
✗ 1. United Nations Regional seas convention relating to repression of piracy on high seas.
✗ 2. United Nations Treaty on Oceans relating to repression of piracy on high seas.
✓ 3. United Nations Convention on the Law of the Sea relating to repression of piracy on high seas.
✗ 4. United Nations Convention on Oceans and Seas relating to repression of piracy on high seas.

Q.12 **Which of the following rocky planets is the fastest planet in our solar system – traveling through space at about 29 miles (47 kilometres) per second?**

Ans
- ✗ 1. Earth
- ✓ 2. Mercury
- ✗ 3. Venus
- ✗ 4. Mars

Q.13 Which state hosts the Nehru trophy boat race?

Ans
- ✓ 1. Kerala
- ✗ 2. Goa
- ✗ 3. Karnataka
- ✗ 4. Tamil Nadu

Q.14 **In cricket, _____ is called by the umpire when the bowler doesn't deliver the ball within reach of the batter.**

Ans
- ✗ 1. dead ball
- ✗ 2. yorker
- ✗ 3. no ball
- ✓ 4. wide

Q.15 **The phenomenon of the interaction between nonallelic genes at two or more loci resulting in one gene masking the phenotypic expression of another gene, is known as:**

Ans
- ✗ 1. incomplete inheritance
- ✗ 2. linkage
- ✓ 3. epistasis
- ✗ 4. complete inheritance

Q.16 **Brihadiswara Temple which exhibits Dravidian temple architecture is located in _____.**

Ans
- ✗ 1. Dharmapuri
- ✗ 2. Thiruvanathapuram
- ✗ 3. Madurai
- ✓ 4. Thanjavur

Q.17 **_____ was appointed British High Commissioner to India in April 2024.**

Ans
- ✓ 1. Lindy Cameron
- ✗ 2. Philip Barton
- ✗ 3. Dominic Asquith
- ✗ 4. Nicholas Fenn

Q.18 **Who among the following rulers was a part of the Tripartite Struggle for the possession of Kannauj?**

Ans
- ✗ 1. Prithvi Raj III
- ✗ 2. Yashovarman
- ✓ 3. Dharmapala
- ✗ 4. Mahendrapal

Q.19 Rows in MS-Excel are identified by:

Ans
- ✗ 1. timings
- ✗ 2. letters
- ✓ 3. numbers
- ✗ 4. numbers with letters

Q.20 Which organisation, in collaboration with the Central Board of Secondary Education (CBSE), and the Ministry of Education, announced the launch of the 'AI For All' initiative with the purpose of creating a basic understanding of artificial intelligence for everyone in India?

Ans
- ✗ 1. TCS
- ✗ 2. IBM
- ✗ 3. Infosys
- ✓ 4. Intel

Q.21 Match the states in column A to their ports in column B.

Column A (States)	Column B (Ports)
1. Goa	a. Mormugao Port
2. West Bengal	b. Kandla Port
3. Tamil Nadu	c. Tuticorin Port
4. Gujarat	d. Haldia Port

Ans
- ✓ 1. 1-a, 2-d, 3-c, 4-b
- ✗ 2. 1-a, 2-c, 3-d, 4-b
- ✗ 3. 1-a, 2-d, 3-b, 4-c
- ✗ 4. 1-d, 2-a, 3-c, 4-b

Q.22 In Microsoft Word, which option allows you to exclude specific sections or types of text from the spelling and grammar check?

Ans
- ✗ 1. spell check
- ✗ 2. Thesaurus
- ✓ 3. Exclusion Dictionary
- ✗ 4. AutoCorrect

Q.23 Which of the following states has mangrove forests?

Ans
- ✗ 1. Telangana
- ✓ 2. Andhra Pradesh
- ✗ 3. Rajasthan
- ✗ 4. Manipur

Q.24 Which of the following devices is used to accelerate charged particles to high velocities?

Ans
- ✗ 1. cosmotron
- ✓ 2. cyclotron
- ✗ 3. copatron
- ✗ 4. cryotron

Q.25 **Bankim Chandra Chatterjee wrote a novel Anand Math based on which of the following rebellions/revolts?**

Ans

✗ 1. Paika Rebellion

✓ 2. Sanyasi Rebellion

✗ 3. Kuki Revolt

✗ 4. Mappila Rebellion