Combined Higher Secondary Level Examination 2024 Tier I

Venue Name	
Exam Date	04/07/2024
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2024 Tier I

Q.1 Select the option with the correct use of future tense.

Ans ✗ 1. I hope your health is get better by next week.

✓ 2. I hope your health will get better by next week.

✗ 3. I hope your health is getting better by next week.

✗ 4. I hope your health have been getting better by next week.

Q.2 Select the grammatically correct sentence.

Ans ✓ 1. Ragini plays the guitar melodiously.

✗ 2. Ragini plays the guitar with melodiousness.

✗ 3. Ragini plays the guitar melodious.

✗ 4. Ragini plays the guitar with a melody.

Q.3 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) I am hearing / (B) that the heat wave / (C) is going to be / (D) worse this year.

Ans ✗ 1. B

✗ 2. D

✓ 3. A

✗ 4. C

Q.4 The following sentence has been split into four segments. Identify the segment that contains an INCORRECT preposition.
I am writing to invite you / to give a presentation / for our Jobs and Careers Conference / for engineering graduates.

Ans ✗ 1. for engineering graduates

✗ 2. I am writing to invite you

✓ 3. for our Jobs and Careers Conference

✗ 4. to give a presentation

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.

Once upon a time, there was a man (1)_____ used to tell the fortunes of people. One day, he was telling the fortune as usual when a man came to him and said, "Somebody (2)_____ broken the door of your house and has stolen many valuables. Go home at once!" The fortune teller was (3)_____ shocked to hear the news. He could not utter a word out of shock. He just ran to his house as fast as he could. He was in such a hurry that he left all his things behind. Now, one of his customers saw him rushing and (4)_____, "Every day he (5)_____ the fortunes of so many people but today he could not see his own future!" The fortune teller felt very embarrassed.

SubQuestion No : 5

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

Ans ✅ 1. who

✖ 2. by whom

✖ 3. whom

✖ 4. whose

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.

Once upon a time, there was a man (1)_____ used to tell the fortunes of people. One day, he was telling the fortune as usual when a man came to him and said, "Somebody (2)_____ broken the door of your house and has stolen many valuables. Go home at once!" The fortune teller was (3)_____ shocked to hear the news. He could not utter a word out of shock. He just ran to his house as fast as he could. He was in such a hurry that he left all his things behind. Now, one of his customers saw him rushing and (4)_____, "Every day he (5)_____ the fortunes of so many people but today he could not see his own future!" The fortune teller felt very embarrassed.

SubQuestion No : 6

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

Ans ✖ 1. had

✖ 2. shall have

✅ 3. has

✖ 4. have

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.

Once upon a time, there was a man (1)_____ used to tell the fortunes of people. One day, he was telling the fortune as usual when a man came to him and said, "Somebody (2)_____ broken the door of your house and has stolen many valuables. Go home at once!" The fortune teller was (3)_____ shocked to hear the news. He could not utter a word out of shock. He just ran to his house as fast as he could. He was in such a hurry that he left all his things behind. Now, one of his customers saw him rushing and (4)_____, "Every day he (5)_____ the fortunes of so many people but today he could not see his own future!" The fortune teller felt very embarrassed.

SubQuestion No : 7

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

Ans ✅ 1. quite

✖ 2. many

✖ 3. so less

✖ 4. so more

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.

Once upon a time, there was a man (1)_____ used to tell the fortunes of people. One day, he was telling the fortune as usual when a man came to him and said, "Somebody (2)_____ broken the door of your house and has stolen many valuables. Go home at once!" The fortune teller was (3)_____ shocked to hear the news. He could not utter a word out of shock. He just ran to his house as fast as he could. He was in such a hurry that he left all his things behind. Now, one of his customers saw him rushing and (4)_____, "Every day he (5)_____ the fortunes of so many people but today he could not see his own future!" The fortune teller felt very embarrassed.

SubQuestion No : 8

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

Ans ✖ 1. commenting

  ✖ 2. comment

  ✖ 3. comments

  ✔ 4. commented

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.

Once upon a time, there was a man (1)_____ used to tell the fortunes of people. One day, he was telling the fortune as usual when a man came to him and said, "Somebody (2)_____ broken the door of your house and has stolen many valuables. Go home at once!" The fortune teller was (3)_____ shocked to hear the news. He could not utter a word out of shock. He just ran to his house as fast as he could. He was in such a hurry that he left all his things behind. Now, one of his customers saw him rushing and (4)_____, "Every day he (5)_____ the fortunes of so many people but today he could not see his own future!" The fortune teller felt very embarrassed.

SubQuestion No : 9

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

Ans ✖ 1. tell

  ✖ 2. told

  ✔ 3. tells

  ✖ 4. telling

Q.10 **Fill in the blank using the correct collocation.**
We need to _____ a decision on the housing project tomorrow morning.

Ans ✖ 1. build

  ✖ 2. draw

  ✔ 3. make

  ✖ 4. frame

Q.11 **Select the most appropriate ANTONYM of the underlined word in the following sentence.**
There is also an increase in juvenile delinquency.

Ans ✖ 1. Minor

  ✖ 2. Teenage

  ✖ 3. Puerile

  ✔ 4. Adult

Q.12 Select the most appropriate synonym of the given word.

Lousy

Ans
✓ 1. Pitiful

✗ 2. Praiseworthy

✗ 3. Moral

✗ 4. Funny

Q.13 Select the most appropriate ANTONYM of the given word.
Resourceful

Ans
✗ 1. Immaculate

✓ 2. Incompetent

✗ 3. Ingenious

✗ 4. Impeccable

Q.14 Select the INCORRECTLY spelt word in the given sentence.
The west Africans have a heritage of produsing sculpture using wax and bronze.

Ans
✓ 1. Produsing

✗ 2. Heritage

✗ 3. Bronze

✗ 4. Sculpture

Q.15 Select the most appropriate synonym that can replace the underlined word in the given sentence.

It did not take her very long to ascend to power.

Ans
✗ 1. arise

✗ 2. grab

✓ 3. climb

✗ 4. reach

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The novel highlights the place of the endangered species in the rainforest.

Ans
✓ 1. plight

✗ 2. position

✗ 3. perspective

✗ 4. prowess

Q.17 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.
The boy found the project to be a peice of cake because it was incredibly easy.

Ans
✓ 1. piece

✗ 2. foaund

✗ 3. incrediblly

✗ 4. praject

Q.18 Select the most appropriate ANTONYM of the given word.
Alluring

Ans ✗ 1. Enticing

✓ 2. Repulsive

✗ 3. Fascinating

✗ 4. Glamourous

Q.19 Select the option that will most suitably substitute the underlined part of the given sentence.
I gave my best dress to her <u>on condition that she return</u> it the very next day in a clean condition.

Ans ✓ 1. on the condition that she would return

✗ 2. on the conditions that she had return

✗ 3. on the condition that she return

✗ 4. on condition that she returned

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The boy watched a sci-fi movie <u>in the lieu of playing</u> in the game zone.

Ans ✗ 1. on lieu of playing

✗ 2. in lieu off playing

✗ 3. in lieu of play

✓ 4. in lieu of playing

Q.21 Select the most appropriate meaning of the underlined idiom.
Prakash could not <u>make up his mind</u> about what to do with the project.

Ans ✗ 1. Abide

✓ 2. Decide

✗ 3. Think

✗ 4. Abandon

Q.22 Select the most appropriate option that can substitute the underlined part in the following sentence.
My entire family <u>left me in the lurch</u> when I went to them after I divorced my husband.

Ans ✗ 1. attempted to harass me

✗ 2. blamed only me for my failure

✗ 3. scorned me for committing mistakes

✓ 4. refused to help me in my distress

Q.23 Select the most appropriate option that can substitute the underlined word in the following sentence.
His flight departs <u>in</u> 5:00 pm.

Ans ✗ 1. of

✓ 2. at

✗ 3. for

✗ 4. from

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

Agile

Ans   ✗ 1. Active

     ✗ 2. Energetic

     ✔ 3. Sluggish

     ✗ 4. Apathetic

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

Peculiar

Ans   ✗ 1. Revolutionary

     ✗ 2. Frequent

     ✔ 3. Strange

     ✗ 4. Usual

Q.1 If 23 January 2002 was Wednesday, then what was the day of the week on 26 January 2007?

Ans   ✗ 1. Saturday

     ✗ 2. Sunday

     ✔ 3. Friday

     ✗ 4. Monday

Q.2 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?
16 B 8 D 51 A 3 C 57 = ?

Ans   ✔ 1. 168

     ✗ 2. 188

     ✗ 3. 148

     ✗ 4. 128

Q.3 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. RUX

     ✔ 2. KMP

     ✗ 3. NQT

     ✗ 4. BEH

Q.4 In a certain code language, 'hands are dirty' is written as 'ca bx vp' and 'dirty things flies' is written as 'by vp cb'. How is 'dirty' written in the given language?

Ans   ✔ 1. vp

     ✗ 2. by

     ✗ 3. cb

     ✗ 4. bx

Q.5 11 is related to 121 by certain logic. Following the same logic, 21 is related to 441. To which of the following is 31 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/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. 428

   ✓ 2. 961

   ✗ 3. 356

   ✗ 4. 960

Q.6 If 26 November 2013 was Tuesday, then what was the day of the week on 29 November 2018?

Ans   ✗ 1. Saturday

   ✗ 2. Friday

   ✗ 3. Wednesday

   ✓ 4. Thursday

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

Ans   ✗ 1. WYT

   ✗ 2. WTY

   ✗ 3. YTW

   ✓ 4. YWT

Q.8 Three statements are followed by conclusions numbered I, II. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements:
All space is wind.
Some wind is earth.
Some fire is earth.
Conclusion (I): All earth is space.
Conclusion (II): Some wind is fire.

Ans   ✗ 1. Only conclusion (I) follows.

   ✗ 2. Only conclusion (II) follows.

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

   ✓ 4. Neither conclusion (I) nor (II) follows.

Q.9 In a certain code language
A + B means 'A is the mother of B'
A − B means 'A is the sister of B'
A × B means 'A is the wife of B'
A ÷ B means 'A is the son of B'
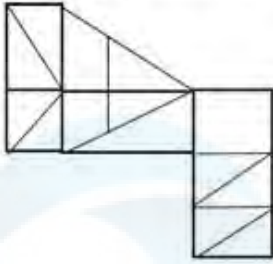Based on the above, how is Z related to W if 'Z × Y ÷ X − V + W'?

Ans   ✗ 1. Mother's brother's son's wife

   ✗ 2. Mother's sister's daughter

   ✓ 3. Mother's sister's son's wife

   ✗ 4. Mother's sister's son's daughter

Q.10 How many triangles are there in the given figure?

Ans ✗ 1. 14

✗ 2. 12

✗ 3. 9

✓ 4. 16

Q.11 AQLZ is related to SIDR in a certain way based on the English alphabetical order. In the same way, CPDV is related to UHVN. To which of the following is EBRY related, following the same logic?

Ans ✓ 1. WTJQ

✗ 2. WQTJ

✗ 3. WQJT

✗ 4. WTQJ

Q.12 Which of the following numbers will replace the question mark (?) in the given series?

93   111   139   157   185   203   ?

Ans ✗ 1. 211

✗ 2. 215

✗ 3. 227

✓ 4. 231

Q.13 Which figure should replace the question mark (?) if the following figure series were to be continued?

3	T	A	Z	6	3	3	A	Z	T	6	3
	6			T			6			A	?
Z		=	=		A	T		=	=		Z

Ans

✗ 1.

3		Z	A
		T	
6			=

✓ 2.

3		Z	T
		6	
A			=

✗ 3.

3		T	6
		Z	
A			=

✗ 4.

Z		=	T
		6	
A			3

Q.14 Select the set in which the numbers are related in the same way **as are the numbers of the following sets.**
(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.)
(3, 12, 26)
(7, 9, 53)

Ans ✗ 1. (5, 15, 45)

✗ 2. (12, 4, 114)

✓ 3. (7, 5, 25)

✗ 4. (4, 9, 16)

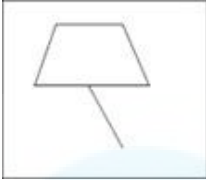**Q.15** What should come in place of the question mark (?) in the given series?

77, 79, 83, 89, 97, ?

Ans ✓ 1. 107

✗ 2. 108

✗ 3. 105

✗ 4. 106

Q.16 Select the option in which the given figure is embedded (rotation is not allowed).
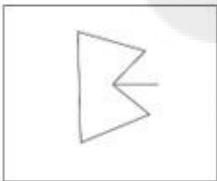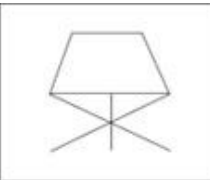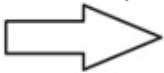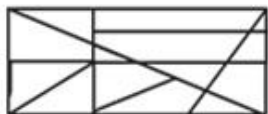

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.17 Select the option in which the given figure is embedded. (Rotation is **NOT** allowed).
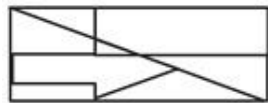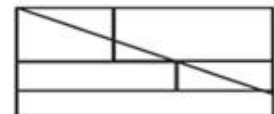

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.18 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

FJK : KOP

MQR : RVW

Ans ✗ 1. ADE : ZWV

✓ 2. JMP : ORU
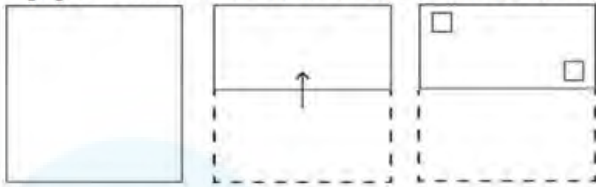
✗ 3. PRS : SRP

✗ 4. GMN : FLM

Q.19 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).
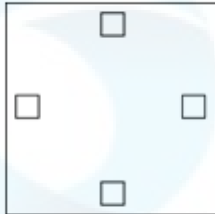

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

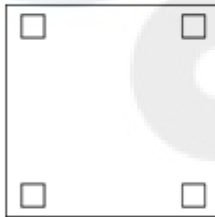**Q.20** A paper is folded and cut as shown below. How will it appear when unfolded?
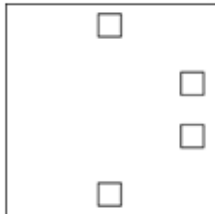

Ans

✗ 1.
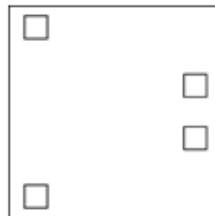

✗ 2.

✗ 3.

✔ 4.

Q.21 Which two numbers should be interchanged to make the given equation correct?

$17 × 7 + (21 ÷ 3) × 5 − 28 + 34 = 72$

(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. 21 and 28

✗ 2. 5 and 7

✗ 3. 17 and 28

✔ 4. 7 and 3

Q.22 Which letter-cluster will replace the question mark (?) to complete the given series?
UTHS, VRKO, ?, XNQG, YLTC

Ans ✗ 1. TONK

✗ 2. WONJ

✔ 3. WPNK

✗ 4. WPMN

Q.23 What should come in place of the question mark (?) in the given series?
77, 88, 101, 116, ?

Ans   ✔ 1. 133

     ✘ 2. 131

     ✘ 3. 313

     ✘ 4. 331

Q.24 If 'E' stands for '÷', 'U' stands for '×', 'A' stands for '+' and 'C' stands for '−', what will come in place of the question mark (?) in the following equation?
16 A 24 C 30 E 15 U 9 = ?

Ans   ✘ 1. 78

     ✘ 2. 32

     ✔ 3. 22

     ✘ 4. 66

Q.25 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.

Q.1 Study the given table and select the most appropriate option to fill in the blanks.

Consider the data of sales of products, A, B and C, by three companies, X, Y and Z, in the table given below.

Product → Company ↓	A	B	C
X	2750	3250	2250
Y	2500	3000	1750
Z	3500	3150	2400

The highest average sale per company is for the product _____ and the lowest average sale per product is for the company _____.

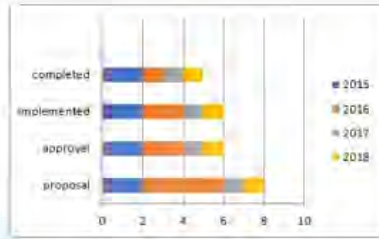**Ans** ✗ 1. B; Z

✔ 2. B; Y

✗ 3. A; Y

✗ 4. A; X

Q.2 Arun and Bhaskar run a race of 3 km. First, Arun gives Bhaskar a head start of 400 m and beats him by 30 seconds. While coming back, Arun gives Bhaskar a lead of 2.5 minutes and gets beaten by 500 m. What is the difference between the times in minutes in which Arun and Bhaskar can run the race for one side separately?

Ans ✗ 1. 2 min

✔ 2. 1.5 min

✗ 3. 2.5 min

✗ 4. 3 min

Q.3 In △ABC, P and Q are the middle points of the sides AB and AC, respectively. R is a point on the segment PQ such that PR: RQ = 1:5. If PR= 6 cm, then BC = _____.

Ans ✔ 1. 72 cm

✗ 2. 68 cm

✗ 3. 66 cm

✗ 4. 70 cm

Q.4

A company starts constructing buildings for a college. The constructions have 4 stages.

1. buildings proposals

2. proposals approval

3. constructions implemented

4. buildings completed

The above 3D-bar graph indicates the status of constructions for 4 years 2015 to 2018.

The X-axis scale 0, 2,4,6,8,10 indicates 0, 20%, 40%, 60%, 80%, 100%.

Study the bar graph carefully and answer the following question.

Find the total percentage of buildings completed during the total period, 2015 to 2018.

Ans

✔ 1. 50%

✘ 2. 30%

✘ 3. 40%

✘ 4. 60%

Q.5 A can complete a piece of work in 20 days and B can complete the same work in 10 days. With the help of C, working together they completed the work in 5 days. The number of days in which C alone can complete the work is:

Ans

✔ 1. 20

✘ 2. 25

✘ 3. 10

✘ 4. 15

Q.6 The measures of the three angles of a triangle are such that the smallest angle measures 42° less than the greatest angle, while the measure of the remaining angle is 24° more than the measure of the smallest angle. Find the measure of the smallest angle of the triangle.

Ans ✘ 1. 40°

✘ 2. 42°

✘ 3. 36°

✔ 4. 38°

Q.7 Rahul spends 70% of his income. His income increased by 15% and his expenditure increased by 7.5%. What is the percentage increase in his savings?

Ans

✔ 1. 32.5%

✘ 2. 25.5%

✘ 3. 50%

✘ 4. 30.5%

Q.8 In right triangle ABC with right angle at C, M is the mid-point of hypotenuse AB. C is joined to M and produced to a point D, such that DM = CM. Point D is joined to B. If CD = 10 cm, and BD = 6 cm, find the value of CM.

Ans ✗ 1. 11.4 cm

✔ 2. 5 cm

✗ 3. 9.5 cm

✗ 4. 8 cm

Q.9 In a college, the average weight of 40 boys in a section among 72 students is 33 kg and that of the remaining students is 15 kg. What is the average weight of all the students in the section?

Ans ✗ 1. 24 kg

✔ 2. 25 kg

✗ 3. 22 kg

✗ 4. 18 kg

Q.10 Find the area of a rhombus whose diagonals are of lengths 10 cm and 8.2 cm.

Ans ✗ 1. 40 cm^2

✗ 2. 42 cm^2

✔ 3. 41 cm^2

✗ 4. 43 cm^2

Q.11 If two numbers are each divided by the same divisor, then the remainders are 6 and 7, respectively. If the sum of the two numbers be divided by the same divisor, then the remainder is 5. The divisor is:

Ans ✗ 1. 6

✗ 2. 4

✗ 3. 13

✔ 4. 8

Q.12 What is the value of $\dfrac{1}{\sin^4(90° - 2\alpha)} + \dfrac{1}{\cos^2(90° - 2\alpha) - 1}$?

Ans ✗ 1. $\sin^2 2\alpha + \tan^2 2\alpha$

✗ 2. $\sec^2 2\alpha + \cot^2 2\alpha$

✗ 3. $\cos^2 2\alpha \cot^2 2\alpha$

✔ 4. $\sec^2 2\alpha \tan^2 2\alpha$

Q.13 Last year, Ranjan's monthly salary was ₹34,500 and this year his monthly salary is ₹38,640. What is the percentage increase in Ranjan's monthly salary this year over his monthly salary last year?

Ans ✗ 1. 15%

✗ 2. 13%

✔ 3. 12%

✗ 4. 20%

Q.14 The given table shows the number of candidates who have appeared, qualified and been selected in an examination from two states A and B over the years 2001 to 2005.

Year	State A			State B		
	Applied	Qualified	Selected	Applied	Qualified	Selected
2001	8000	850	94	8200	680	85
2002	4800	500	48	6800	600	70
2003	7500	640	82	6500	525	65
2004	9500	850	90	7800	720	84
2005	9000	800	70	5700	485	60

In the year 2001, the percentage of candidates who were selected over the candidates who applied in State A is:

Ans ✔ 1. 1.175%

✘ 2. 1.185%

✘ 3. 1.155%

✘ 4. 1.165%

Q.15 How much time (in years) will it take for an amount of ₹4,50,000 to yield ₹45,000 as simple interest at a 5% per annum rate of interest?

Ans ✘ 1. 4

✔ 2. 2

✘ 3. 5

✘ 4. 3

Q.16 The cost of rice is increased by 25% but its consumption is decreased by 30%. Find the percentage increase or decrease in the expenditure of money.

Ans ✔ 1. Decrease $12\frac{1}{2}\%$

✘ 2. Decrease $13\frac{1}{3}\%$

✘ 3. Increase $12\frac{1}{2}\%$

✘ 4. Increase $13\frac{1}{3}\%$

Q.17 The radius of a sphere is increased by 25%. What is the increase per cent in surface area?

Ans ✘ 1. 15.55%

✘ 2. 36.45%

✔ 3. 56.25%

✘ 4. 25.25%

Q.18 10 years ago, a man's age was 5 times of his son's age. 2 years hence, twice his age will be equal to 4 times the age of his son. What is the present age (in years) of the son?

Ans ✔ 1. 14

✘ 2. 16

✘ 3. 20

✘ 4. 18

Q.19 The centers of two circles of radii 25 cm and 35 cm are 80 cm apart. What is the ratio of the lengths of the transverse common tangent to the direct common tangent to these circles?
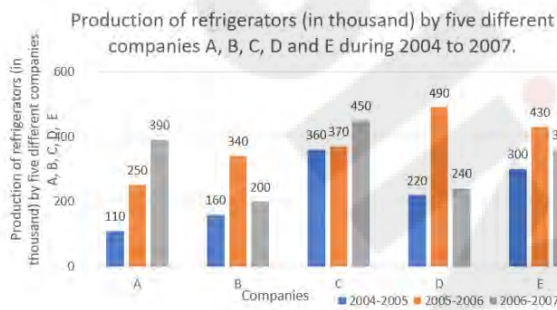
Ans

✗ 1. $\sqrt{7} : 3$

✓ 2. $2 : 3$

✗ 3. $2 : \sqrt{7}$

✗ 4. $3\sqrt{7} : 2$

Q.20 Study the given bar-graph and answer the question that follows.

The bar-graph shows the production of refrigerators (in thousand) by five different companies A, B, C, D and E during 2004 to 2007.

Production of refrigerators (in thousand) by five different companies A, B, C, D and E during 2004 to 2007.

What is the ratio of the average production of the refrigerators by companies A, B and E taken together for the year 2004-2005 to the average production of the refrigerators by companies C and D taken together for the year 2005-2006?

Ans

✗ 1. 43:19

✗ 2. 41:19

✗ 3. 19:41

✓ 4. 19:43

Q.21 The value of $10 + 3\frac{3}{5} \div \left[2\frac{2}{3} \div \left\{ 7\frac{1}{6} - \left(2\frac{1}{2} + \frac{2}{3} \right) \right\} \right]$ is equal to:

Ans

✗ 1. $\dfrac{27}{55}$

✓ 2. $\dfrac{77}{5}$

✗ 3. $\dfrac{55}{27}$

✗ 4. $\dfrac{5}{77}$

Q.22 A company sells goods at a markup of 25% above the cost price. During a sale, the company offers a 10% discount on the marked price. If the customer pays ₹540 after the discount, then what was the original cost price of the goods?

Ans ✗ 1. ₹470

✗ 2. ₹460

✓ 3. ₹480

✗ 4. ₹450

Q.23 What is the curved surface area of cylinder whose radius is 3cm and height is 14cm? (Take $\pi = \frac{22}{7}$)

Ans ✗ 1. 262 cm^2

✓ 2. 264 cm^2

✗ 3. 263 cm^2

✗ 4. 261 cm^2

Q.24 Kamlesh offers the following two discount schemes to his customers on the sale of an article:

(i) Two successive discounts of 25% and 5%

(ii) Two successive discounts of 20% and 10%

What is the difference between the selling price (in ₹) of the article under these two discount schemes if its marked price is ₹1,000?

Ans ✗ 1. 7.0

✓ 2. 7.5

✗ 3. 8.0

✗ 4. 6.5

Q.25 Find the fourth proportional to 2, 6, 8.

Ans ✗ 1. 36

✓ 2. 24

✗ 3. 12

✗ 4. 48

Q.1 Which was the first programmable general purpose computer in the world?

Ans ✓ 1. ENIAC

✗ 2. Mark I

✗ 3. Napier's bones

✗ 4. Pascaline

Q.2 Which type of system did the leaders of independent India decide to adopt?

Ans ✗ 1. A system that would promote the welfare of private enterprises

✗ 2. A system that would promote the welfare of few rather than all

✓ 3. A system that would promote the welfare of all rather than a few

✗ 4. A system that would promote the welfare of the government

Q.3 Which classical dance was introduced by the great Vaishnava saint and reformer of Assam?

Ans ✗ 1. Kathak

✗ 2. Kuchipudi

✓ 3. Sattriya

✗ 4. Odissi

Q.4 How many fundamental duties were recommended to be inserted in the Indian Constitution by the Swarna Singh Committee?

Ans ✗ 1. 9

✗ 2. 7

✗ 3. 6

✓ 4. 8

Q.5 Parkash Singh Badal passed away in April 2023. He served as Chief Minister of _____ for five times.

Ans ✗ 1. Haryana

✗ 2. Bihar

✓ 3. Punjab

✗ 4. Himachal Pradesh

Q.6 In which year did Wilhelm Johannsen coin the term 'gene' to describe the Mendelian units of heredity?

Ans ✗ 1. 1920

✗ 2. 1900

✓ 3. 1909

✗ 4. 1910

Q.7 The 9th Men's ICC T20 World Cup Cricket 2024 will be hosted by which of the following countries?

Ans ✗ 1. India and Bangladesh

✗ 2. India and Sri Lanka

✗ 3. Canada and USA

✓ 4. West Indies and USA

Q.8 Which country's national game is Chinlone (Caneball)?

Ans ✓ 1. Myanmar

✗ 2. China

✗ 3. Afghanistan

✗ 4. Bhutan

Q.9 India hosted Men's Hockey World Cup in 2023 at:

Ans ✓ 1. Bhubaneswar and Rourkela

✗ 2. Amritsar and Bathinda

✗ 3. Patna and Gaya

✗ 4. Nashik and Nagpur

Q.10 What is the primary aim of Regional Rural Banks in India?

Ans ✗ 1. Development of urban economy

✗ 2. Development of semi-urban economy

✓ 3. Development of rural economy

✗ 4. Development of metropolitan economy

Q.11 Which feature in MS Word allows you to see a document's layout and formatting as it will appear when printed?

Ans ✗ 1. Screen View

✗ 2. Draft View

✓ 3. Print Preview

✗ 4. Reading View

Q.12 In which of the following years did the Constitution (One Hundredth Amendment) Act come into force?

Ans ✓ 1. 2015

✗ 2. 2020

✗ 3. 2009

✗ 4. 2001

Q.13 In February 2023, PARAKH became the First National Assessment Regulator. What does R stand for in PARAKH?

Ans ✗ 1. Recall

✗ 2. Report

✗ 3. Related

✓ 4. Review

Q.14 The Atal Tunnel has been built by Border Road Organisation at an altitude of 3000 metres. Which places are connected by this tunnel?

Ans ✗ 1. Manali to Shimla

✗ 2. Shimla to Srinagar

✗ 3. Shimla to Ladakh

✓ 4. Manali to Lahaul-Spiti

Q.15 Which of the following writs in Latin means 'we command'?

Ans ✗ 1. Prohibition

✗ 2. Habeas corpus

✓ 3. Mandamus

✗ 4. Quo-warranto

Q.16 On 12 September 2002, ISRO launched the Kalpana-1 satellite using the Polar Satellite Launch Vehicle. What is the application of this satellite?

Ans ✗ 1. Earth observation

✗ 2. Planetary observation

✓ 3. Climate & environment communication

✗ 4. Disaster management system

Q.17 What is the standard weight of hammer for women in the hammer throw event?

Ans ✗ 1. 5 kg

✓ 2. 4 kg

✗ 3. 8 kg

✗ 4. 6 kg

Q.18 What does SAARC stand for?

Ans ✗ 1. South Asian Association of Regional Climate change

✓ 2. South Asian Association for Regional Cooperation

✗ 3. South Asian Association of Regional Cartography

✗ 4. South Asian Association of Regional Corporation

Q.19 Which Act was enacted by the British which regulated the manufacture, sale, possession and transport of firearms?

Ans ✓ 1. Indian Arms Act, 1878

✗ 2. The Arms Act,1857

✗ 3. The Arm Rules, 1839

✗ 4. The Firearms Act, 1871

Q.20 Brihadiswara Temple of Tanjore was built by which of the following Chola emperors?

Ans ✗ 1. Vijayalaya

✗ 2. Chamunda Raya

✗ 3. Rajendra I

✓ 4. Raja Raja Chola

Q.21 Dussehra festival is celebrated in which of the following Hindu months?

Ans ✗ 1. Vaisakha

✓ 2. Ashwin

✗ 3. Ashadha

✗ 4. Chaitra

Q.22 In whose ashram did the Beatles compose rock music in 1968 influenced by classical music?

Ans ✗ 1. Osho Rajnish Ashram

✗ 2. Maharshi Aurobindo Ashram

✗ 3. Pandit Ravishankar Ashram

✓ 4. Maharshi Mahesh Yogi Ashram

Q.23 Electrochemical cell is a device which converts chemical energy into electrical energy in a/an _____.

Ans ✗ 1. oxidation reaction

✗ 2. reduction reaction

✓ 3. indirect redox reaction

✗ 4. direct redox reaction

Q.24 In which state is the Nanda Devi Biosphere Reserve located?

Ans ✗ 1. Assam

✗ 2. Himachal Pradesh

✗ 3. Odisha

✓ 4. Uttarakhand

Q.25 In classical Carnatic music, tempo is called as _____.

Ans ✗ 1. padam

✗ 2. gita

✓ 3. laya

✗ 4. achala