# Combined Higher Secondary Level Examination 2024 Tier I

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| Venue Name | |
| Exam Date | 05/07/2024 |
| Exam Time | 5:15 PM - 6:15 PM |
| Subject | CHSL Exam 2024 Tier I |

**Q.1** **The following sentence has been divided into four segments. Identify the segment in which the article has been used INCORRECTLY.**
**Ms. Rose is a / sweetest of / all the girls / in the class.**

**Ans**
✗ 1. in the class.
✗ 2. all the girls
✗ 3. sweetest of
✓ 4. Ms. Rose is a

**Q.2** **The following sentence has been divided into four segments. Identify the segment that contains a grammatical error.**
**The shop / usually opened / ten minutes / late.**

**Ans**
✗ 1. The shop
✗ 2. ten minutes
✓ 3. usually opened
✗ 4. late.

**Q.3** **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
**I am going / to buy a red car / with a leather seats / and a sunroof.**

**Ans**
✗ 1. I am going
✗ 2. to buy a red car
✗ 3. and a sunroof
✓ 4. with a leather seats

**Q.4** **Select the most appropriate option to fill in the blank.**
**He _____ the truth.**

**Ans**
✗ 1. speaking
✗ 2. spoken
✓ 3. spoke
✗ 4. speak

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**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.
Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1._____ a world without human beings? Who would have 2._____ the resources and created social and cultural environment? The people are 3._____ to develop the economy and the society. The people make and use resources and are themselves resources with 4._____ quality. Coal is but a piece of rock, until people were able to 5.____ technology to obtain it and make it a 'resource'.

**SubQuestion No : 5**

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

**Ans**
✗ 1. ignore
✗ 2. neglect
✗ 3. fabricate
✓ 4. imagine

**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.
Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1._____ a world without human beings? Who would have 2._____ the resources and created social and cultural environment? The people are 3._____ to develop the economy and the society. The people make and use resources and are themselves resources with 4._____ quality. Coal is but a piece of rock, until people were able to 5.____ technology to obtain it and make it a 'resource'.

**SubQuestion No : 6**

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

**Ans**
✗ 1. crippled
✓ 2. utilised
✗ 3. broken
✗ 4. destroyed

**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.
Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1._____ a world without human beings? Who would have 2._____ the resources and created social and cultural environment? The people are 3._____ to develop the economy and the society. The people make and use resources and are themselves resources with 4._____ quality. Coal is but a piece of rock, until people were able to 5.____ technology to obtain it and make it a 'resource'.

**SubQuestion No : 7**

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

**Ans**
✗ 1. frantic
✗ 2. hopeful
✓ 3. crucial
✗ 4. hasty

**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.
Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1._____ a world without human beings? Who would have 2._____ the resources and created social and cultural environment? The people are 3._____ to develop the economy and the society. The people make and use resources and are themselves resources with 4._____ quality. Coal is but a piece of rock, until people were able to 5.____ technology to obtain it and make it a 'resource'.

**SubQuestion No : 8**

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

**Ans**
✔ 1. varying
✘ 2. inconstant
✘ 3. deviating
✘ 4. alternating

**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.
Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1._____ a world without human beings? Who would have 2._____ the resources and created social and cultural environment? The people are 3._____ to develop the economy and the society. The people make and use resources and are themselves resources with 4._____ quality. Coal is but a piece of rock, until people were able to 5.____ technology to obtain it and make it a 'resource'.

**SubQuestion No : 9**

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

**Ans**
✔ 1. invent
✘ 2. fashion
✘ 3. open
✘ 4. mint

**Q.10 Select the most appropriate option to substitute the underlined segment in the following sentence.**
**There was a noise that <u>was wake me up</u>.**

**Ans**
✘ 1. woken me up
✘ 2. wakes me up
✔ 3. woke me up
✘ 4. has woke me up

**Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.**
**When I got an opportunity to start a new business, Ravikanth <u>queered my pitch</u>.**

**Ans**
✔ 1. Ruined my plan
✘ 2. Advised me
✘ 3. Helped me by standing beside me
✘ 4. Supported me with money

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

**Ans**
✔ 1. Alter
✘ 2. Adjust
✘ 3. Resolute
✘ 4. Renew

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

**Lazy**

**Ans**
- ✔ 1. Diligent
- ✘ 2. Genuine
- ✘ 3. Helpful
- ✘ 4. Barren

**Q.14** **Select the most appropriate meaning of the given idiom.**

**Spill the beans**

**Ans**
- ✘ 1. The act of loving beans
- ✘ 2. To help someone extraordinarily
- ✔ 3. To leak a secret
- ✘ 4. Cook the beans carefully

**Q.15** **Select the most appropriate option to fill in the blank.**

**The grass on my lawn is glistening with the morning_____.**

**Ans**
- ✔ 1. dew
- ✘ 2. do
- ✘ 3. duo
- ✘ 4. due

**Q.16** **Select the most appropriate ANTONYM of the word 'Plausible' from the given sentence.**
**The trend of improvement is unlikely to continue for the foreseeable future.**

**Ans**
- ✔ 1. unlikely
- ✘ 2. future
- ✘ 3. foreseeable
- ✘ 4. trend

**Q.17** **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
**Vihaan is <u>clumsy</u> at dancing.**

**Ans**
- ✘ 1. easy handed
- ✘ 2. master skill
- ✘ 3. heavy duty
- ✔ 4. all thumbs

**Q.18** **Identify the correct spelling of the underlined word.**
**The police issued a <u>varant</u> to the criminals.**

**Ans**
- ✘ 1. Warent
- ✘ 2. Varrant
- ✔ 3. Warrant
- ✘ 4. Warant

**Q.19** Read the sentence carefully and select the most appropriate option to substitute the underlined part.

The crux of the study has been delineated by the researcher.

Ans
1. fixed limitation
2. central point
3. collected data
4. relevant part

**Q.20** Identify the most appropriate ANTONYM of the underlined word in the given sentence.
His jovial nature has won him many friends.

Ans
1. Miserable
2. Dumb
3. Shrewd
4. Cunning

**Q.21** Select the most appropriate ANTONYM of the given word.

Absurd

Ans
1. Insane
2. Nonsensical
3. Foolish
4. Reasonable

**Q.22** Select the most appropriate option that can substitute the underlined segment in the following sentence.
Play cards is not allowed here

Ans
1. Playing card
2. Playing cards
3. Played cards
4. Play card

**Q.23** Select the INCORRECTLY spelt word.

Ans
1. Scatered
2. Brazen
3. Crowded
4. Imprudent

**Q.24** Select the option to fill in the blank with the most appropriate collocation.
In boarding schools, students need to _____ by themselves.

Ans
1. turn the bed
2. make the bed
3. wash the bed
4. run the bed

**Q.25** **Identify the most appropriate meaning of the given word.**
**Accept**

**Ans**
✔ 1. Agree
✘ 2. Refuse
✘ 3. Regret
✘ 4. Present

**Q.1** What should come in place of ? in the given series based on the English alphabetical order?

EMU GQA IUG KYM ?

**Ans**
✘ 1. VLB
✔ 2. MCS
✘ 3. UKA
✘ 4. MWD

**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?

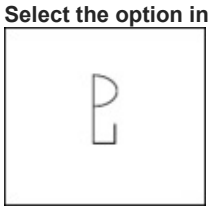
321 A 3 C 11 B 10 D 19 = ?

**Ans**
✘ 1. 178
✔ 2. 198
✘ 3. 188
✘ 4. 168

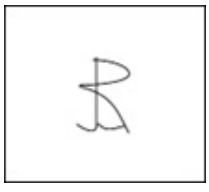
**Q.3** **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**
**Statements:**
**Some movies are videos.**
**No video is audio.**
**All audios are songs.**
**Conclusions:**
**(I) All movies can never be audios.**
**(II) No video is a song.**

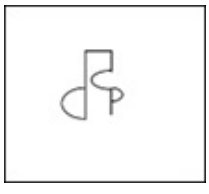
**Ans**
✘ 1. Only conclusion II follows
✘ 2. None of the conclusions follow
✘ 3. Both conclusions I and II follow
✔ 4. Only conclusion I follows

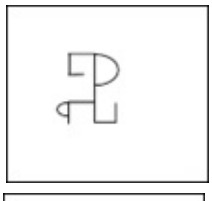
**Q.4** **Select the option in which the given figure is embedded (rotation is not allowed).**

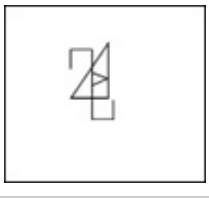


**Ans**

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

**Q.5** CKMZ is related to VDFS in a certain way based on the English alphabetical order. In the same way, LPBV is related to EIUO. To which of the following is UXBN related, following the same logic?

**Ans**

✗ 1. NQGU

✗ 2. NGUQ

✗ 3. NGQU

✓ 4. NQUG

**Q.6** What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

$32 \times 8 \div 4 - 6 + 15 = ?$

**Ans**

✗ 1. 5

✗ 2. 15

✗ 3. 13

✓ 4. 7

**Q.7** In a certain code language, 'sanitiser saves us' is written as 'ra kl mq' and 'let us go' is written as 'kl mt ax'. How is 'us' written in the given language?

**Ans**

✗ 1. ra

✗ 2. mt

✓ 3. kl

✗ 4. mq

**Q.8** **What should come in place of ? in the given series?**

**251, 268, 285, 302, 319 ?**

**Ans**

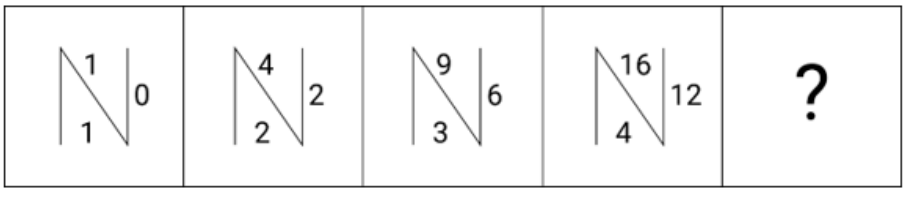
✗ 1. 315

✓ 2. 336

✗ 3. 306

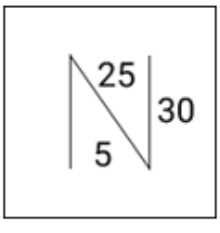
✗ 4. 326

**Q.9** **Identify the figure in the options that when put in place of the question mark (?) will logically complete the series?**

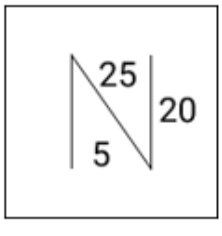



**Ans**

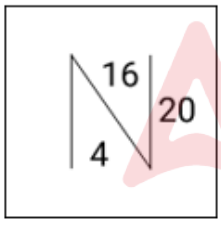
✗ 1.



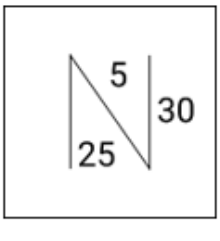

✓ 2.



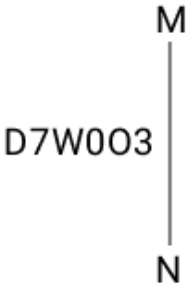

✗ 3.




✗ 4.



**Q.10** **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.11** **What will be the day on 31 December 2006 if 1 January 2006 is a Wednesday?**

**Ans**
1. Wednesday
2. Thursday
3. Monday
4. Friday

**Q.12** **In a certain code language,**
**'A + B' means 'A is the mother of B',**
**'A × B' means 'A is the husband of B',**
**'A ÷ B' means 'A is the daughter of B'.**
**Based on the above, how is Q related to T if 'P ÷ Q ÷ R × S + T'?**

**Ans**
1. Daughter
2. Sister
3. Mother
4. Father's sister

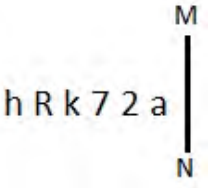
**Q.13** Which of the following numbers will replace the question mark (?) in the given series?
876 865 832 733 ?

**Ans**
1. 426
2. 446
3. 436
4. 453

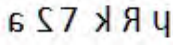
**Q.14** **Which letter-cluster will replace the question mark (?) to complete the given series?**
**GLYC, FNVG, ?, DRPO, CTMS**

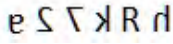
**Ans**
1. EQRK
2. EPSK
3. EQSJ
4. EPRJ

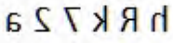
**Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN.**

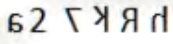



**Ans**

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

**Q.16** What will come in the place of the question mark (?) in the following equation if '+' and '×' are interchanged and '–' and '÷' are interchanged?

$39 \div 6 - 3 \times 9 + 4 = ?$

**Ans**

✗ 1. 83

✗ 2. 81

✗ 3. 56

✓ 4. 73

**Q.17 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 their 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.)**
**(4, 16, 32)**
**(6, 36, 72)**

**Ans**

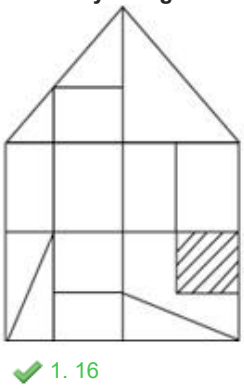
✗ 1. (9, 81, 164)

✗ 2. (9, 27, 162)

✓ 3. (9, 81, 162)

✗ 4. (9, 81, 160)

**Q.18 How many triangles are there in the given figure?**



**Ans**

✓ 1. 16

✗ 2. 17

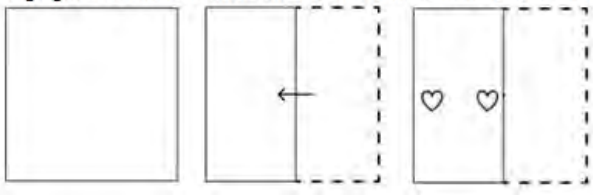
✗ 3. 18

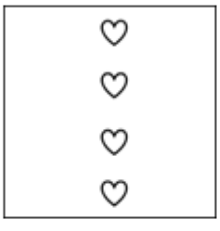
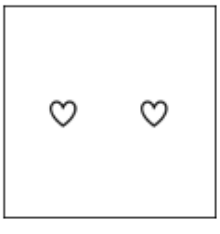
✗ 4. 15

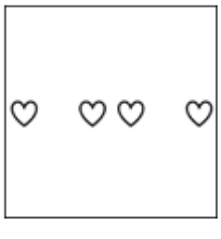
**Q.19** **S % T = S is the father of T.**
**X - W = X is the mother of W.**
**U * V = U is the sister of V.**
**Z + Y = Z is the husband of Y.**
**If A + J - B * V % G, find the relation between A and G.**

**Ans**
✗ 1. Maternal grandfather
✗ 2. Father
✗ 3. Mother
✓ 4. Paternal grandfather

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



**Ans**
✗ 1.

✗ 2.

✗ 3.

✓ 4.


**Q.21** **BHJL is related to FLNP in a certain way based on the English alphabetical order. In the same way, HNPR is related to LRTV. To which of the following is JPRT related, following the same logic?**

**Ans**
✗ 1. NTYX
✓ 2. NTVX
✗ 3. NUVX
✗ 4. NUWX

**Q.22** **In a certain code language, 'WILT' is coded as '6194' and 'SLIT' is coded as '9413'. What is the code for 'S' in the given code language?**

**Ans**
- ✗ 1. 1
- ✗ 2. 9
- ✗ 3. 4
- ✓ 4. 3

**Q.23** **84 is related to 21 following a certain logic. Following the same logic, 180 is related to 45. To which of the following is 252 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.)**

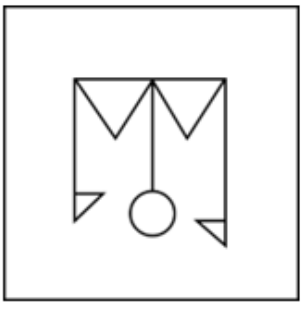
**Ans**
- ✗ 1. 67
- ✗ 2. 65
- ✓ 3. 63
- ✗ 4. 61

**Q.24 Select the option in which the given figure X is embedded (rotation is NOT allowed).**

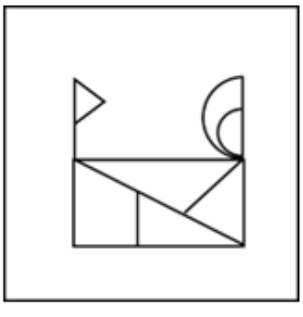
(X)

**Ans**

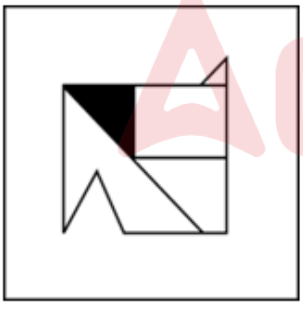
✗ 1.



✗ 2.



✗ 3.



✓ 4.

**Q.25** The position of how many letters will remain unchanged if all the letters in the word HARMONY are arranged in alphabetical order?

**Ans**
✗ 1. Three
✗ 2. One
✗ 3. Four
✓ 4. Two

**Q.1** Find the fourth proportion to 1.25, 5.75 and 3.5.

**Ans**
✗ 1. 4.5
✓ 2. 16.1
✗ 3. 12.5
✗ 4. 6.5

**Q.2** The difference (in ₹) between a discount of 37% on ₹2,635 and two successive discounts of 23% and 7% on the same amount is (rounded off to 2 decimal places):

**Ans**
✓ 1. 226.87
✗ 2. 248.36
✗ 3. 242.25
✗ 4. 235.65

**Q.3** Two similar triangles have area 490 sq. cm. and 640 sq. cm. If the length of the one side of the first triangle is 21 cm, then what is the length of the corresponding side of the second triangle?

**Ans**
✗ 1. 16 cm
✗ 2. 14 cm
✓ 3. 24 cm
✗ 4. 21 cm

**Q.4** The diameter of a roller is 35 cm and its length is 100 cm. It takes 200 complete revolutions to level a playground. Find the area of the playground in $m^2$

**Ans**
✓ 1. 220
✗ 2. 2,20,00,000
✗ 3. 1,10,000
✗ 4. 110

**Q.5** Find the amount to be paid at the end if ₹4,500 is invested for a period of 4 years at the rate of 8% simple interest per annum.

**Ans**
✗ 1. ₹6,080
✓ 2. ₹5,940
✗ 3. ₹6,300
✗ 4. ₹5,490

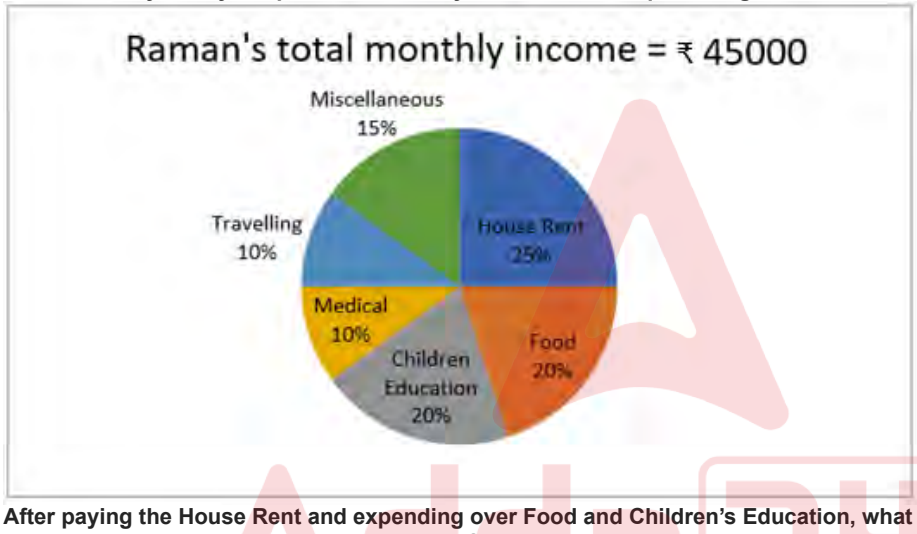
**Q.6** How many factors of 14,400 are divisible by 18 but not by 36?

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

**Q.7** The altitude of an equilateral triangle *is* $3\sqrt{3}$ cm. Find its area.

**Ans**
- ✘ 1. 9 sq cm
- ✔ 2. $9\sqrt{3}$ sq cm
- ✘ 3. 27 sq cm
- ✘ 4. $3\sqrt{3}$ sq cm

**Q.8** The following pie chart represents the percentage domestic expenditure of Raman over his family. Study the pie chart carefully and answer the question given below.




After paying the House Rent and expending over Food and Children's Education, what is Raman's remaining monthly income (in ₹)?

**Ans**
- ✘ 1. 20,250
- ✘ 2. 29,250
- ✘ 3. 12,750
- ✔ 4. 15,750

**Q.9** Let ABC be a right-angled triangle such that ∠C = 90°. Let D be a point on AB such that CD is perpendicular to AB. If AC = 5 cm and BC = 12 cm, find the length of CD (in cm).

**Ans**
- ✘ 1. $\frac{40}{23}$
- ✘ 2. $\frac{50}{23}$
- ✘ 3. $\frac{40}{13}$
- ✔ 4. $\frac{60}{13}$

**Q.10** A shopkeeper cheats 25% in weight while buying rice and cheats 25% while selling it. If he sells the rice at 12½% profit, then find his net profit percentage.

**Ans**
1. 92.5%
2. 82.5%
3. 87.5%
4. 62.5%

**Q.11** **X and Y can do a job in 18 days; Y and Z can do the same in 24 days. If all the three can finish the job in 12 days, in how many days can X and Z can complete the job?**

**Ans**
1. $14\frac{2}{5}$ days
2. $12\frac{3}{5}$ days
3. 7 days
4. 5 days

**Q.12** **A person divides his total route of journey into three equal parts and decides to travel the three parts at the speeds of 80 km/h, 60 km/h and 30 km/h, respectively. What is the average speed during the journey?**

**Ans**
1. 49 km/h
2. 40 km/h
3. 45 km/h
4. 48 km/h

**Q.13** A person travels from one place to another at 60 km/hr and returns at 75 km/hr. If the total time taken is 6 hours, then find the total distance travelled.

**Ans**
1. 250 km
2. 240km
3. 400 km
4. 300km

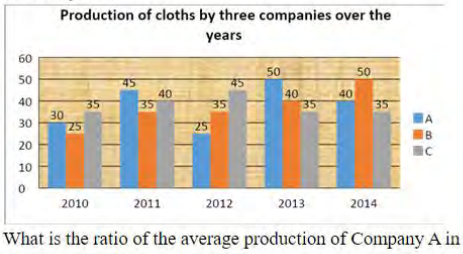
**Q.14** In ΔABC, O is the point of intersection of the bisectors of angle B and angle A. If the angle BOC = 108°, then angle BAO is:

**Ans**
1. 18°
2. 26°
3. 22°
4. 16°

**Q.15** **Let ABC be a triangle such that ∠ABC = 70° and ∠ACB = 50°. Let O be the incentre of the triangle. Find ∠BOC.**

**Ans**
✔ 1. 120°
✘ 2. 130°
✘ 3. 100°
✘ 4. 60°

**Q.16** The following graph shows the data of the production of cloths (in lakh tonnes) by three different companies A, B and C over the years.




What is the ratio of the average production of Company A in the period 2012-2014 to the average production of Company B in the same period?

**Ans**
✘ 1. 5 : 3
✘ 2. 3 : 5
✘ 3. 25 : 23
✔ 4. 23 : 25

**Q.17** K being any odd number greater than 1, $k^{33} - k$ is always divisible by:

**Ans**
✘ 1. 5
✘ 2. 13
✔ 3. 24
✘ 4. 15

**Q.18** **The price of a motorcycle was $750 last year. The price increased by 20% this year. What is the price of the motorcycle this year?**

**Ans**
✘ 1. $600
✘ 2. $790
✘ 3. $750
✔ 4. $900

**Q.19** **The number of subjects in which the students of a class have failed is given in the following table.**

| No. of subjects in which students have failed | 0 | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| No. of students | 10 | 18 | 5 | 6 | 7 | 4 |

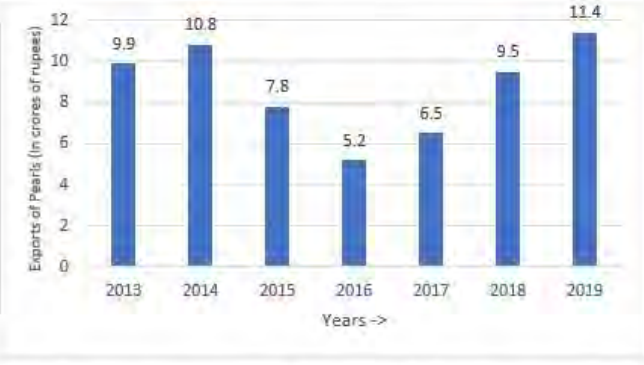
**Find the total number of students who have failed in more than 3 subjects.**

**Ans**
✘ 1. 10
✘ 2. 17
✔ 3. 11
✘ 4. 12

**Q.20** If the graph of the equation 20x + 21y = 420 cuts the coordinate axes at P and Q, then what is the measure of the length (in units) of PQ?

**Ans**
✔ 1. 29
✘ 2. 35
✘ 3. 25
✘ 4. 40

**Q.21** Study the given bar-graph carefully and answer the question that follows.




For how many years was the export above - average for the period, 2013-2019?

**Ans**
✘ 1. 3
✘ 2. 2
✔ 3. 4
✘ 4. 1

**Q.22** A person spends 60% of his salary on family expenses, 10% on medical expenses, 5% on charity, and saves the remaining amount. If the amount on savings is ₹4,000, find his monthly salary.

**Ans**
✘ 1. ₹12,000
✘ 2. ₹15,000
✘ 3. ₹14,000
✔ 4. ₹16,000

**Q.23** एक चुनाव म, मतदाताओं के पास तीन उी दवारों में से एक उी दवार को वोट देने का वि□ है। उनके पास सभी उी दवारों को अी कार करने के लिए 'उपरो□ में से कोई नहीं' (None OfThe Above - NOTA) के चयन का भी वि□ है। तीनों उी दवारों को नोटा (NOTA) के 6 गुना वोट मिलते हैं। विजेता को दूसरे उपविजेता के वोटों के दोगुने वोट मिलते हैं। पहले उपविजेता को नोटा (NOTA) से 900 वोट अधिक मिलते हैं और वह दूसरे उपविजेता को 150 वोट से हरा देता है। डाले गए मतों की कुल सां ा त करें।

**Ans**
✘ 1. 15177
✘ 2. 11577
✔ 3. 11025
✘ 4. 17715

**Q.24** $\left[\frac{\text{cosec } 31^\circ - \sec 59^\circ}{(\sin 18^\circ \div \cos 72^\circ)} \times \frac{\tan 26^\circ}{\cot 64^\circ}\right] + \left[\frac{\tan 30^\circ + \tan 15^\circ}{(1 - \tan 30^\circ \tan 15^\circ)}\right] =$ _____.

**Ans**
✘ 1. -1
✘ 2. 0
✔ 3. 1
✘ 4. 2

Q.25 The whole surface area of a cube is 294 $cm^2$. The volume of the cube is:

Ans
1. 243 $cm^3$
2. 343 $cm^3$
3. 216 $cm^3$
4. 512 $cm^3$

Q.1 Terah taali dance belongs to which of the following states?

Ans
1. Kerala
2. Uttar Pradesh
3. Rajasthan
4. Uttaranchal

Q.2 Pusarla Venkata Sindhu won silver medal in badminton in which Olympics Games?

Ans
1. Beijing 2008
2. Rio 2016
3. Tokyo 2020
4. London 2012

Q.3 As of January 2023, who among the following is the chief minister of Puducherry?

Ans
1. Shri N Rangaswamy
2. Shri V Narayanasamy
3. Shri P Shanmugam
4. Shri V Vaithilingam

Q.4 In which year did the Indian Constitution declare Hindi in Devanagari script to be the official language of the Union?

Ans
1. 1952
2. 1951
3. 1949
4. 1955

Q.5 What is the standard size of basketball for men?

Ans
1. 05
2. 08
3. 07
4. 06

Q.6 In Gujarat, the festival Makar Sankranti is celebrated as:

Ans
1. Dakshinayan
2. Uttarayan
3. Paschimayan
4. Purbayan

**Q.7** After being passed by both the Lok Sabha and Rajya Sabha, the Competition (Amendment) Bill, 2023 received the President's assent on _____ to become the Competition (Amendment) Act, 2023.

Ans
1. 1 April 2023
2. 21 April 2023
3. 14 April 2023
4. 11 April 2023

**Q.8** What enables IoT devices to gather data and exchange it over the network?

Ans
1. Biochip transponders
2. Data encryption techniques
3. Human interaction
4. Actuators and sensors

**Q.9** As per the Economic Survey of India 2022-23, unemployment rates fell from 5.8% in 2018-19 to _____ in 2020-21.

Ans
1. 3.8%
2. 4.2%
3. 3.4%
4. 4.7%

**Q.10** Bails are used in which of the following games/sports?

Ans
1. Badminton
2. Cricket
3. Hockey
4. Football

**Q.11** Which folk music is a mix of Indian and western music and is popular in Goa?

Ans
1. Mando
2. Pai songs
3. Pawada
4. Maand

**Q.12** Who has written the patriotic song 'Sandese Aate Hai'?

Ans
1. Irshad Kamil
2. Javed Akhtar
3. Gulzar
4. Samir Anjan

**Q.13** Which among the following Chola emperors defeated the Pandya king Maravarman Rajsimha II in the battle of Vellore?

Ans
1. Parantaka I
2. Rajendra I
3. Rajaraja I
4. Vijayalaya

Q.14 Match the items inList I with those inList II.

| List I | List II |
|---|---|
| i. Blue revolution | a. Oilseeds |
| ii. Yellow revolution | b. Overall horticulture |
| iii. Round revolution | c. Fish |
| iv. Golden revolution | d. Potato |

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

Q.15 A _____ is issued to prevent an inferior court or tribunal from exceeding its jurisdiction, which is not legally vested, or acting without jurisdiction or acting against the principles of natural justice.

Ans
✗ 1. writ of quo-warranto
✗ 2. writ of habeas corpus
✓ 3. writ of prohibition
✗ 4. writ of mandamus

Q.16 Where is the Narora Nuclear Power plant located?

Ans
✗ 1. Tamil Nadu
✓ 2. Uttar Pradesh
✗ 3. Maharashtra
✗ 4. Karnataka

Q.17 What is the wavelength range of visible light?

Ans
✗ 1. 1 to 2 μm
✗ 2. 0.7 to 0.9 μm
✗ 3. 0.2 to 0.3 μm
✓ 4. 0.4 to 0.7 μm

Q.18 The length of a day on _____ is approximately 16 hours.

Ans
✗ 1. Venus
✗ 2. Mercury
✗ 3. Mars
✓ 4. Neptune

Q.19 The reaction of an acid and a metal gives:

Ans
✓ 1. hydrogen gas and salt
✗ 2. carbon dioxide, salt and water
✗ 3. salt and water
✗ 4. carbon dioxide, salt and hydrogen gas

**Q.20** Sardar Vallabhbhai Patel, who was the first Home Minister of India, is known by which sobriquet?

**Ans**
✗ 1. Father of Indian Unrest
✓ 2. Iron man of India
✗ 3. Grand old man of India
✗ 4. Morning star of Indian Renaissance

**Q.21** As of 01 January 2023, who is the chairman of UPSC?

**Ans**
✗ 1. Dr. TCA Anant
✗ 2. Shri Rajeev Nayan Choubey
✓ 3. Dr. Manoj Soni
✗ 4. Mrs. Preeti Sudan

**Q.22** The 'Western disturbances' originates from the ____.

**Ans**
✗ 1. East China Sea
✗ 2. Arabian Sea
✓ 3. Mediterranean Sea
✗ 4. Red Sea

**Q.23** Which of the following extensions is used to save MS-PowerPoint applications?

**Ans**
✗ 1. .doc
✗ 2. .docx
✗ 3. .txt
✓ 4. .ppt

**Q.24** In India, statutory liquidity ratio is fixed by _____.

**Ans**
✗ 1. India Brand Equity Foundation
✗ 2. State government
✗ 3. Commercial banks
✓ 4. Reserve Bank of India

**Q.25** Which committee is related to fundamental duties?

**Ans**
✗ 1. Rajmannar Committee
✗ 2. LM Singhvi Committee
✓ 3. Verma Committee
✗ 4. Vasantrao Naik Committee