# Combined Higher Secondary Level Examination 2019 Tier I

| Roll Number | |
|---|---|
| Candidate Name | |
| Venue Name | ION Digital Zone iDZ SARONA |
| Exam Date | 20/10/2020 |
| Exam Time | 10:00 AM - 11:00 AM |
| Subject | CHSL Tier 1 |

Section : **English Language (Basic Knowledge)**

**Q.1** Select the correct passive form of the given sentence.

Gulliver easily pulled all the warships of the enemy after him.

Ans ✗ 1. All the warships of the enemy had been easily pulled by Gulliver after him.

✓ 2. All the warships of the enemy were easily pulled by Gulliver after him.

✗ 3. All the warships of the enemy were being easily pulled by Gulliver after him.

✗ 4. All the warships of Gulliver were easily pulled by the enemy after him.

Question ID : **4244291214**
Status : **Answered**
Chosen Option : **2**

**Q.2** Select the INCORRECTLY spelt word.

Ans ✗ 1. Gallop

✓ 2. Gallary

✗ 3. Galley

✗ 4. Gallant

Question ID : **4244291232**
Status : **Answered**
Chosen Option : **2**

**Q.3** Select the most appropriate ANTONYM of the given word.

**CANDID**

Ans ✗ 1. Truthful

✗ 2. Frank

✗ 3. Genuine

✓ 4. Devious

Question ID : **4244291228**
Status : **Answered**
Chosen Option : **4**

**Q.4** Select the most appropriate word to fill in the blank in the given sentence.

Order was quickly _____ in the area after the scuffle between the two groups.

Ans ✗ 1. rebuilt

✗ 2. repaired

✔ 3. restored

✗ 4. recovered

Question ID : **4244291239**
Status : **Answered**
Chosen Option : **3**

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

During organised tours, tourists can visit a former Nazi compound 40 kilometres (1)_____ Berlin called the 'Forbidden City'. Twenty thousand people (2)_____ here every year to learn about Nazi military history. The Nazis (3)_____ militarily active at the compound, (4)_____ was kept secret in a forest and behind a fence. The Nazis (5)_____ much of World War II from here.

**SubQuestion No : 5**

**Q.5** Select the most appropriate option for blank number 1.

Ans ✗ 1. into

✗ 2. in

✗ 3. at

✔ 4. from

Question ID : **4244291219**
Status : **Answered**
Chosen Option : **4**

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

During organised tours, tourists can visit a former Nazi compound 40 kilometres (1)_____ Berlin called the 'Forbidden City'. Twenty thousand people (2)_____ here every year to learn about Nazi military history. The Nazis (3)_____ militarily active at the compound, (4)_____ was kept secret in a forest and behind a fence. The Nazis (5)_____ much of World War II from here.

**SubQuestion No : 6**

**Q.6** Select the most appropriate option for blank number 2.

Ans ✗ 1. watch

✗ 2. call

✗ 3. roam

✔ 4. visit

Question ID : **4244291220**
Status : **Answered**
Chosen Option : **4**

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

During organised tours, tourists can visit a former Nazi compound 40 kilometres (1)_____ Berlin called the 'Forbidden City'. Twenty thousand people (2)_____ here every year to learn about Nazi military history. The Nazis (3)_____ militarily active at the compound, (4)_____ was kept secret in a forest and behind a fence. The Nazis (5)_____ much of World War II from here.

**SubQuestion No : 7**

Q.7  Select the most appropriate option for blank number 3.

Ans  ✘  1. had

✔  2. were

✘  3. was

✘  4. are

Question ID : **4244291221**
Status : **Answered**
Chosen Option : **2**

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**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

During organised tours, tourists can visit a former Nazi compound 40 kilometres (1)_____ Berlin called the 'Forbidden City'. Twenty thousand people (2)_____ here every year to learn about Nazi military history. The Nazis (3)_____ militarily active at the compound, (4)_____ was kept secret in a forest and behind a fence. The Nazis (5)_____ much of World War II from here.

**SubQuestion No : 8**

Q.8  Select the most appropriate option for blank number 4.

Ans  ✔  1. which

✘  2. what

✘  3. who

✘  4. whom

Question ID : **4244291222**
Status : **Answered**
Chosen Option : **1**

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**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

During organised tours, tourists can visit a former Nazi compound 40 kilometres (1)_____ Berlin called the 'Forbidden City'. Twenty thousand people (2)_____ here every year to learn about Nazi military history. The Nazis (3)_____ militarily active at the compound, (4)_____ was kept secret in a forest and behind a fence. The Nazis (5)_____ much of World War II from here.

**SubQuestion No : 9**

Q.9  Select the most appropriate option for blank number 5.

Ans  ✔  1. planned

✘  2. fought

✘  3. started

✘  4. carried

Question ID : **4244291223**
Status : **Answered**
Chosen Option : **2**

**Q.10** Select the most appropriate meaning of the given idiom.

**Look after**

Ans ✔ 1. Take care of

✘ 2. Resemble

✘ 3. Scold

✘ 4. Search for

Question ID : **4244291230**
Status : **Answered**
Chosen Option : **1**

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

**Make a beeline**

Ans ✔ 1. Go straight to

✘ 2. Be crazy

✘ 3. Stand in a queue

✘ 4. Remain busy

Question ID : **4244291231**
Status : **Answered**
Chosen Option : **3**

**Q.12** Select the INCORRECTLY spelt word.

Ans ✘ 1. Serious

✘ 2. Curious

✘ 3. Gorgeous

✔ 4. Ambiteous

Question ID : **4244291233**
Status : **Answered**
Chosen Option : **4**

**Q.13** Select the word which means the same as the group of words given.

**A ruler with total power over a country, typically one who has obtained control by force**

Ans ✘ 1. Democrat

✔ 2. Dictator

✘ 3. Protector

✘ 4. Traitor

Question ID : **4244291235**
Status : **Answered**
Chosen Option : **2**

**Q.14** In the given sentence identify the segment which contains a grammatical error.

The publics are not satisfied with the new act.

Ans    ✔ 1. The publics are

     ✘ 2. not satisfied

     ✘ 3. new act

     ✘ 4. with the

Question ID : **4244291216**
Status : **Answered**
Chosen Option : **1**

**Q.15** Select the most appropriate synonym of the given word.

RECONCILE

Ans    ✘ 1. Refuse

     ✔ 2. Resolve

     ✘ 3. Scatter

     ✘ 4. Agitate

Question ID : **4244291237**
Status : **Answered**
Chosen Option : **2**

**Q.16** Select the correct indirect form of the given sentence.

I said to Kirti, "These plants will take about two months to flower."

Ans    ✘ 1. I told Kirti that those plants will be taking about two months to flower.

     ✔ 2. I told Kirti that those plants would take about two months to flower.

     ✘ 3. I told Kirti that those plants take about two months to flower.

     ✘ 4. I told Kirti that these plants will take about two months to flower.

Question ID : **4244291215**
Status : **Answered**
Chosen Option : **2**

**Q.17** Select the most appropriate synonym of the given word.

SALVAGE

Ans    ✔ 1. Save

     ✘ 2. Hurt

     ✘ 3. Lose

     ✘ 4. Waste

Question ID : **4244291236**
Status : **Not Answered**
Chosen Option : **--**

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

**CONVENIENCE**

Ans
- ✗ 1. Enjoyment
- ✗ 2. Assistance
- ✔ 3. Hindrance
- ✗ 4. Satisfaction

| | |
|---|---|
| Question ID : **4244291229** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.19** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. The cable was thick as pack-thread, and the bars were the size of knitting needles.
B. Then I made fifty hooks by twisting three bars together at a time.
C. I ordered a great quantity of strong cable and bars of iron.
D. I twisted the cables together and made fifty strong cords.

Ans
- ✗ 1. CABD
- ✗ 2. ADCB
- ✔ 3. CADB
- ✗ 4. ABDC

| | |
|---|---|
| Question ID : **4244291224** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.20** Select the word which means the same as the group of words given.

**Flesh eating animal**

Ans
- ✗ 1. Herbivore
- ✔ 2. Carnivore
- ✗ 3. Insectivore
- ✗ 4. Omnivore

| | |
|---|---|
| Question ID : **4244291234** | |
| Status : **Answered** | |
| Chosen Option : **2** | |

**Q.21** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

After <u>switching off the light,</u> he went off to sleep.

Ans
- ✗ 1. switching off a light
- ✗ 2. he has switched off the light
- ✗ 3. being switched off the light
- ✔ 4. No improvement

| | |
|---|---|
| Question ID : **4244291226** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

**Q.22** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. In December 2019, Typhoon Kammuri came to the Philippines.
B. They closed schools and evacuated hundreds of thousands of people from their homes.
C. Officials closed the international airport in the capital city of Manila for 12 hours.
D. It flooded streets and damaged many houses and power lines.

Ans　　✖ 1. CBAD

　　　✔ 2. ADCB

　　　✖ 3. ABCD

　　　✖ 4. CBDA

Question ID : **4244291225**
Status : **Answered**
Chosen Option : **2**

**Q.23** In the given sentence identify the segment which contains a grammatical error.

When the boys were playing the match, it suddenly starts raining.

Ans　　✖ 1. When the boys

　　　✖ 2. it suddenly

　　　✔ 3. starts raining

　　　✖ 4. were playing the match

Question ID : **4244291217**
Status : **Answered**
Chosen Option : **3**

**Q.24** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

While my parents talked to the visitor, I made tea in the kitchen.

Ans　　✖ 1. parents have talked

　　　✖ 2. parents are talking

　　　✔ 3. parents were talking

　　　✖ 4. No improvement

Question ID : **4244291227**
Status : **Answered**
Chosen Option : **3**

**Q.25** Select the most appropriate word to fill in the blank in the given sentence.

He _____ his studies even after leaving college and finally got a Ph.D. degree.

Ans　　✔ 1. pursued

　　　✖ 2. carried

　　　✖ 3. persisted

　　　✖ 4. sought

Question ID : **4244291238**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

**Q.1** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.
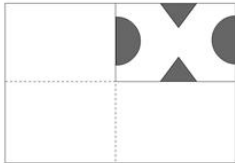
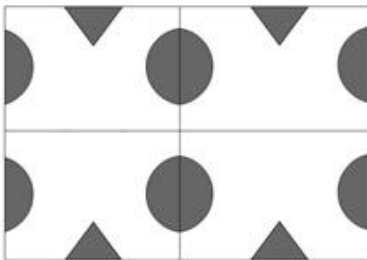**Ans**
  ✗ 1. Iodine
  ✗ 2. Bromine
  ✗ 3. Fluorine
  ✓ 4. Iron

**Q.2** A paper is folded and cut as shown in the following figure. How will this paper look when unfolded?



**Ans**

✗ 1.


✗ 2.


✓ 3.


✗ 4.
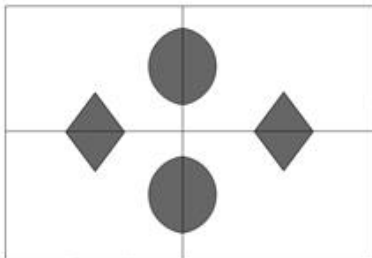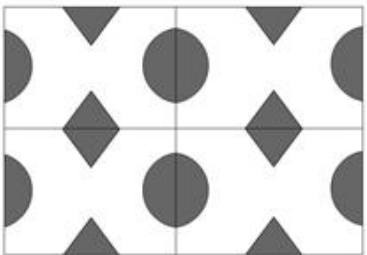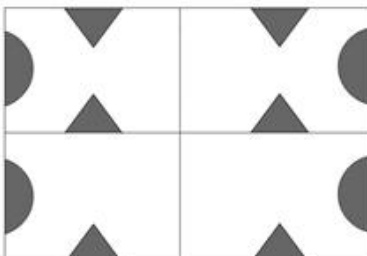
**Q.3** A and B are the brothers of C. B is the son of D and E. D is the daughter of F. P is the father-in-law of E. Q is the son of F. What is the relationship of A to P?
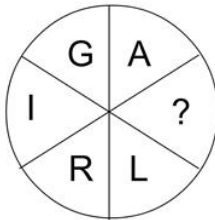
**Ans**

✔ 1. Grandson

✘ 2. Son

✘ 3. Daughter

✘ 4. Father

**Q.4** Study the given pattern carefully and select the letter that can replace the question mark (?) in it.



**Ans**

✔ 1. J

✘ 2. K

✘ 3. S

✘ 4. R

**Q.5** Which of the following options is NOT an example of a number triad with the following properties?

1. Sum of the digits of the third number is twice the sum of the digits of the first number.

2. Sum of the digits of the second number is thrice the sum of the digits of the first number.

**Ans**

✘ 1. (201, 702, 303)

✘ 2. (400, 660, 800)

✔ 3. (200, 600, 300)

✘ 4. (111, 207, 222)

**Q.6** Select the correct equation when the signs '+' and '×' and the numbers '4' and '8' are interchanged.

**Ans**

✘ 1. $12 \times 4 + 8 = 34$

✘ 2. $6 + 8 \times 4 = 38$

✔ 3. $2 \times 4 + 8 = 34$

✘ 4. $4 + 8 \times 2 = 32$

**Q.7** Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one having '4'.
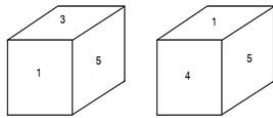


**Ans** ✗ 1. 1

✔ 2. 3

✗ 3. 6

✗ 4. 2

Question ID : **4244291258**
Status : **Answered**
Chosen Option : **2**

**Q.8** Select the option that is related to the third term in the same way as the second term is related to the first term.

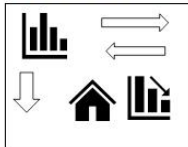Malaria : Parasite : : Stomach ulcers : ?

**Ans** ✗ 1. Insects

✔ 2. Bacteria

✗ 3. Parasites

✗ 4. Protozoa

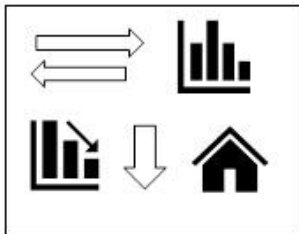Question ID : **4244291254**
Status : **Answered**
Chosen Option : **2**

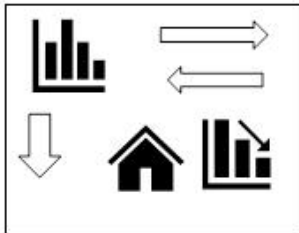**Q.9** Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.
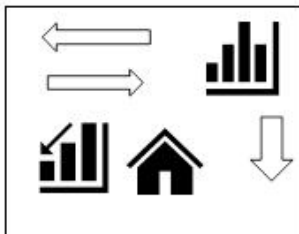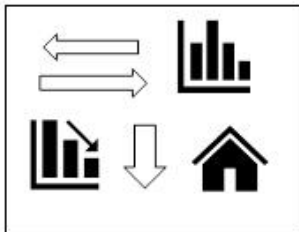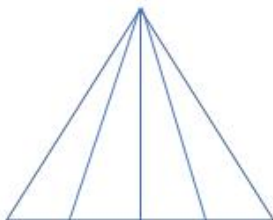


**Ans**

1. 

2. 

3. ✔ 

4. 

Question ID : **4244291259**
Status : **Answered**
Chosen Option : **3**

**Q.10** Find the number of triangles in the following figure.



**Ans**
1. 14
2. 12
✔ 3. 10
4. 8

Question ID : **4244291260**
Status : **Answered**
Chosen Option : **3**

**Q.11** In a certain code language, PARK is coded as 6739, ROAD is coded as 3574, POND is coded as 6584 and LANE is coded as 2781. How will LORD be coded as in that language?

Ans
✔ 1. 2534
✘ 2. 7432
✘ 3. 5213
✘ 4. 5304

Question ID : **4244291249**
Status : **Answered**
Chosen Option : **1**

**Q.12** In a certain code language, VICTORY is written as XGERQPA. How will KINDLE be written as in that language?

Ans
✔ 1. MGPBNC
✘ 2. BEDRVH
✘ 3. IKLFJG
✘ 4. SOWNEQ

Question ID : **4244291248**
Status : **Answered**
Chosen Option : **1**

**Q.13** Select the option that is related to the third number in the same way as the second number is related to the first number.

29 : 838 : : 14 : ?

Ans
✘ 1. 199
✘ 2. 196
✘ 3. 195
✔ 4. 193

Question ID : **4244291242**
Status : **Answered**
Chosen Option : **4**

**Q.14** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans
✘ 1. CK
✘ 2. DP
✔ 3. ET
✘ 4. FX

Question ID : **4244291255**
Status : **Answered**
Chosen Option : **1**

**Q.15** Select the letter-cluster that can replace the question mark (?) in the following series.

BDF, DHL, FLR, ?

Ans ✔ 1. HPX

✘ 2. IQY

✘ 3. HPY

✘ 4. HOX

Question ID : **4244291252**
Status : **Answered**
Chosen Option : **1**

**Q.16** 'Myopia' is related to 'Eye' in the same way as 'Pyorrhea' is related to '_____'.

Ans ✘ 1. Lung

✔ 2. Gums

✘ 3. Brain

✘ 4. Stomach

Question ID : **4244291251**
Status : **Answered**
Chosen Option : **1**

**Q.17** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

4 (15) 1; 7 (22) 3; ? (57) 4

Ans ✘ 1. 16

✔ 2. 11

✘ 3. 14

✘ 4. 12

Question ID : **4244291247**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.18** Identify the number that does NOT belong to the following series.

1, 4, 9, 15, 25, 36

Ans ✘ 1. 4

✘ 2. 9

✔ 3. 15
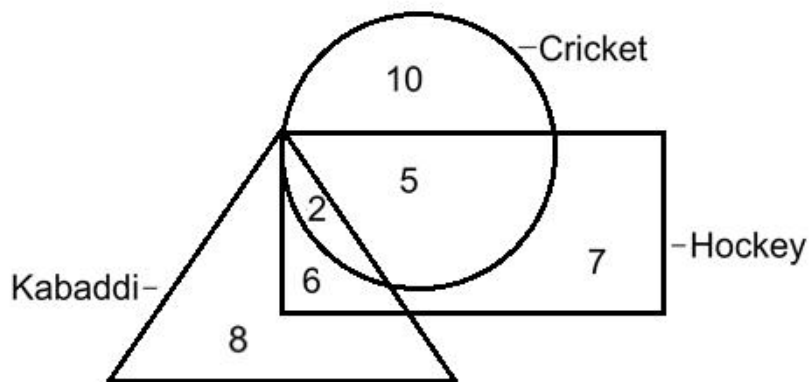
✘ 4. 25

Question ID : **4244291246**
Status : **Answered**
Chosen Option : **3**

**Q.19** Observe the following diagram and answer the question.

Find the number of students who play any two of the three sports.

Cricket
10
5
2
Hockey
Kabaddi
6
7
8

**Ans**
✗ 1. 9
✗ 2. 15
✔ 3. 11
✗ 4. 13

Question ID : **4244291264**
Status : **Answered**
Chosen Option : **3**

**Q.20** Four number triads have been given, out of which three are alike in some manner and one is different. Select the number triad that is different from the rest.
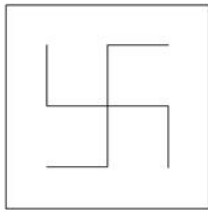
**Ans**
✗ 1. (273, 546, 819)
✗ 2. (291, 438, 657)
✔ 3. (326, 654, 981)
✗ 4. (192, 384, 576)

Question ID : **4244291243**
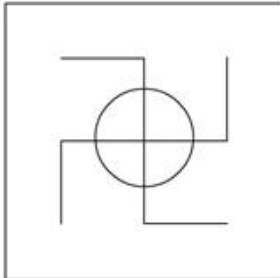Status : **Answered**
Chosen Option : **3**

**Q.21** Select the correct option in which the given figure is embedded. (Rotation is not allowed)
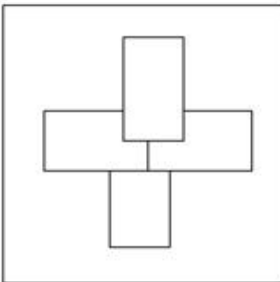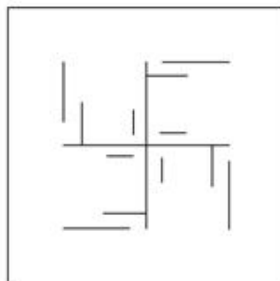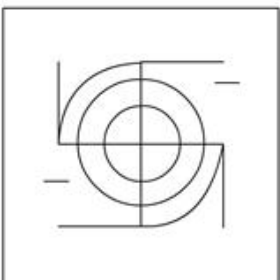


**Ans**

✗ 1.



✗ 2.



✗ 3.



✔ 4.



Question ID : **4244291261**
Status : **Answered**
Chosen Option : **4**

**Q.22** 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:**

1. Most teachers are women.

2. Some women are managers.

**Conclusions:**

I. Some managers are women.

II. Some teachers are managers.

Ans　✗ 1.　Both conclusions I and II follow.

　　　✔ 2.　Only conclusion I follows.

　　　✗ 3.　Neither conclusion I nor II follows.

　　　✗ 4.　Only conclusion II follows.

**Q.23** Select the number that can replace the question mark (?) in the following series.

6, 10, 18, 34, ?

Ans　✗ 1.　68

　　　✗ 2.　64

　　　✔ 3.　66

　　　✗ 4.　70

**Q.24** While writing all the natural numbers from 1 to 100, how many times do we write 6?

Ans　✔ 1.　20

　　　✗ 2.　18

　　　✗ 3.　21

　　　✗ 4.　19

**Q.25** Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

SEA

**Ans**

✗ 1. SEA (mirror image)

✓ 2. AES (mirror image)

✗ 3. AES (mirror image)

✗ 4. AES (mirror image)

Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

**Q.1** The given pie-chart represents the percentage of students enrolled in five different sports. The total number of students is 2800.
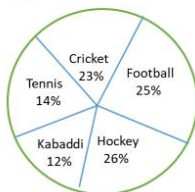


If 24 students playing cricket are shifted to Kabaddi, then find the new ratio of the number of students in Cricket to those in Kabaddi.

**Ans** ✓ 1. 31 : 18

✗ 2. 30 : 17

✗ 3. 31 : 16

✗ 4. 30 : 13

**Q.2** Malti bought a TV for ₹8,800 including GST at 10%. What is the original cost of the TV?

**Ans**
✗ 1. ₹8,800

✔ 2. ₹8,000

✗ 3. ₹7,920

✗ 4. ₹9,600

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**Q.3** If $x^3 + y^3 = 16$ and $x + y = 4$, then the value of $x^4 + y^4$ is:

**Ans**
✗ 1. 48

✔ 2. 32

✗ 3. 64

✗ 4. 30

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**Q.4** If $\frac{4}{3}\left(x^2 + \frac{1}{x^2}\right) = 110\frac{2}{3}$, find $\frac{1}{9}\left(x^3 - \frac{1}{x^3}\right)$, where $x > 0$.

**Ans**
✗ 1. 74

✗ 2. 76

✔ 3. 84

✗ 4. 85

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**Q.5** A is a point at a distance 26 cm from the centre O of a circle of radius 10 cm. AP and AQ are the tangents to the circle at the point of contacts P and Q. If a tangent BC is drawn at a point R lying on the minor arc PQ to intersect AP at B and AQ at C, then the perimeter of ΔABC is:

**Ans**
✔ 1. 48 cm

✗ 2. 46 cm

✗ 3. 42 cm

✗ 4. 40 cm

**Q.6** Evaluate: $[7 + 7 \times (7 + 7 \div 7)] + 7 \div 7.$

**Ans**
✗ 1. 10
✔ 2. 64
✗ 3. 5
✗ 4. 63

Question ID : **4244291266**
Status : **Answered**
Chosen Option : **2**

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**Q.7** ABC and BDE are two equilateral triangles such that D is the mid-point of BC. If the area of triangle ABC is 136 cm$^2$, then the area of triangle BDE is equal to:

**Ans**
✗ 1. $36 \text{ cm}^2$
✗ 2. $38 \text{ cm}^2$
✗ 3. $24 \text{ cm}^2$
✔ 4. $34 \text{ cm}^2$

Question ID : **4244291281**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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**Q.8** If Cos 3θ = Sin (θ -34°), then the value of θ as an acute angle is:

**Ans**
✗ 1. 56°
✗ 2. 17°
✔ 3. 31°
✗ 4. 34°

Question ID : **4244291285**
Status : **Answered**
Chosen Option : **3**

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**Q.9** Rahul and Mithun travel a distance of 30 km. The sum of their speeds is 70 km/h and the total time taken by both to travel the distance is 2 hours 6 minutes. The difference between their speeds is:

**Ans**
✗ 1. 35 km/h
✗ 2. 20 km/h
✗ 3. 25 km/h
✔ 4. 30 km/h

Question ID : **4244291274**
Status : **Not Answered**
Chosen Option : **--**

**Q.10** Study the given bar chart and answer the question that follows.

Production of Fertilizers by a Company (in 10,000 tonnes) Over the Years
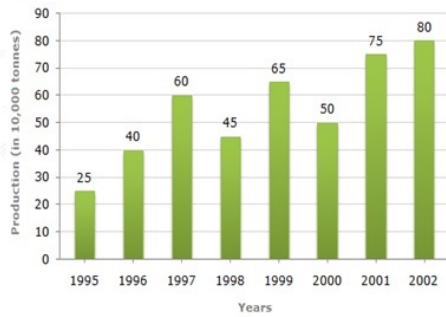


What was the approximate percentage increase in the production of fertilizers from 1998 to 1999?

Ans ✔ 1. 44.4%

✗ 2. 50%

✗ 3. 40%

✗ 4. 48.4%

**Q.11** If $\sqrt{3}\cos\theta = \sin\theta$, then the value of $\dfrac{4\sin^2\theta - 5\cos\theta}{3\cos\theta + 1}$ is:

Ans ✗ 1. $\dfrac{1}{4}$

✔ 2. $\dfrac{1}{5}$

✗ 3. 5

✗ 4. $\dfrac{2}{5}$

**Q.12** In an isosceles triangle ABC with AB = AC and AD is perpendicular to BC, if AD = 6 cm and the perimeter of ΔABC is 36 cm, then the area of ΔABC is:

Ans ✗ 1. 54 cm$^2$

✗ 2. 64 cm$^2$

✗ 3. 45 cm$^2$

✔ 4. 48 cm$^2$

**Q.13** An article was sold at a loss of 12%. If it was sold for ₹630 more, then there would have been a gain of 6%. Find the cost price of the article.

**Ans**
✔ 1. ₹3,500

✘ 2. ₹2,800

✘ 3. ₹2,500

✘ 4. ₹3,000

Question ID : **4244291270**
Status : **Answered**
Chosen Option : **1**

**Q.14** The given pie-chart represents the percentage of students enrolled in five different sports. The total number of students is 2800.
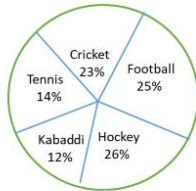


What is the average number of students enrolled in Hockey and Tennis together?

**Ans**
✔ 1. 560

✘ 2. 580

✘ 3. 540

✘ 4. 460

Question ID : **4244291286**
Status : **Answered**
Chosen Option : **1**

**Q.15** If the difference between the compound interest and simple interest on a certain sum of money for three years at 10% p.a. is ₹558, then the sum is:

**Ans**
✘ 1. ₹18,500

✘ 2. ₹15,000

✘ 3. ₹16,000

✔ 4. ₹18,000

Question ID : **4244291272**
Status : **Answered**
Chosen Option : **4**

**Q.16** The salaries of Vipin and Dinesh are in the ratio 5 : 8. If the salary of each is increased by ₹4,800, then new ratio becomes 7 : 10. What is Vipin's salary?

**Ans**
✘ 1. ₹13,000

✔ 2. ₹12,000

✘ 3. ₹12,500

✘ 4. ₹10,000

Question ID : **4244291271**
Status : **Answered**
Chosen Option : **2**

**Q.17**

If $p + \dfrac{1}{p} = 112$, find $(p - 112)^{15} + \dfrac{1}{p^{15}}$.

Ans
- ✗ 1. 1
- ✗ 2. 15
- ✗ 3. 10
- ✔ 4. 0

**Q.18** If 4M37094267N is divisible by both 8 and 11, where M and N are single digit integers, then the values of M and N are:

Ans
- ✗ 1. $M = 5, N = 6$
- ✗ 2. $M = 5, N = 4$
- ✔ 3. $M = 5, N = 2$
- ✗ 4. $M = 2, N = 5$

**Q.19** The average of nine 2 digit numbers is decreased by 6 when the digits of one of the 2 digit numbers is interchanged. Find the difference between the digits of that number.

Ans
- ✔ 1. 6
- ✗ 2. 8
- ✗ 3. 2
- ✗ 4. 4

**Q.20** Study the given and answer the question that follows.

Production of Fertilizers by a Company (in 10,000 tonnes) Over the Years
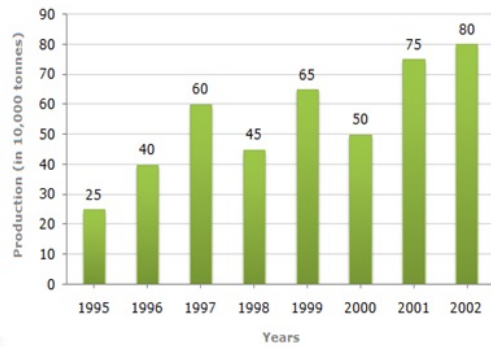


The average production in 2000 and 2001 was less than the average production of which of the following pairs of years ?

Ans ✔ 1. 2001 and 2002

✘ 2. 1997 and 1998

✘ 3. 1999 and 2000

✘ 4. 1996 and 1997

**Q.21** The difference of two positive numbers is 1020. If 7.6% of the greater number is 12.4% of the smaller number, then the sum of the two numbers is equal to:

Ans ✘ 1. 3250

✘ 2. 4520

✘ 3. 3520

✔ 4. 4250

**Q.22** ABC is a right angled triangle, right angled at A. A circle is inscribed in it. The lengths of two sides containing the right angle are 48 cm and 14 cm. The radius of the inscribed circle is:

Ans ✘ 1. 4 cm

✘ 2. 8 cm

✔ 3. 6 cm

✘ 4. 5 cm

**Q.23** If 3.96 cubic dm of lead is to be drawn in to a cylindrical wire of diameter 0.6 cm, then the length of the wire (in metres), is:

Ans ✔ 1. 140 m

✘ 2. 120 m

✘ 3. 130 m

✘ 4. 125 m

Question ID : **4244291275**

Status : **Not Answered**

Chosen Option : **--**

**Q.24** If $x\sin^3\theta + y\cos^3\theta = \sin\theta\cos\theta$ and $x\sin\theta = y\cos\theta,$ then the value of $x^2 + y^2$ is:

Ans ✘ 1. 4

✘ 2. 0

✘ 3. 2

✔ 4. 1

Question ID : **4244291283**

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

Chosen Option : **--**

**Q.25** A and B together can complete a piece of work in 15 days. B and C together can do it in 24 days. If A is twice as good a workman as C, then in how many days can B alone complete the work?

Ans ✔ 1. 60 days

✘ 2. 40 days

✘ 3. 52 days

✘ 4. 45 days

Question ID : **4244291273**

Status : **Answered**

Chosen Option : **1**

Section : **General Awareness**

**Q.1** On which date International Day of Biological Diversity is celebrated?

Ans ✘ 1. 20th May

✘ 2. 22nd June

✔ 3. 22nd May

✘ 4. 17th May

Question ID : **4244291305**

Status : **Not Answered**

Chosen Option : **--**

**Q.2** Pasi Kongki is folk dance of which state?

Ans
 ✗ 1. Goa
 ✗ 2. Haryana
 ✗ 3. Kerala
 ✓ 4. Arunachal Pradesh

Question ID : **4244291292**
Status : **Not Answered**
Chosen Option : **--**

**Q.3** Who among the following drafted Article 370 of the Constitution of India?

Ans
 ✗ 1. Jawaharlal Nehru
 ✗ 2. Raghubar Das
 ✓ 3. Gopalaswami Ayyangar
 ✗ 4. Bhim Rao Ambedkar

Question ID : **4244291296**
Status : **Answered**
Chosen Option : **3**

**Q.4** Who proposed Wardha Scheme or Basic Education?

Ans
 ✗ 1. Jawaharlal Nehru
 ✗ 2. Sardar Vallabhbhai Patel
 ✓ 3. Mahatma Gandhi
 ✗ 4. Bal Gangadhar Tilak

Question ID : **4244291307**
Status : **Not Answered**
Chosen Option : **--**

**Q.5** Which is the source of Krishna river?

Ans
 ✗ 1. Amarkantak
 ✗ 2. Tala
 ✓ 3. Mahabaleshwar
 ✗ 4. Multai

Question ID : **4244291303**
Status : **Answered**
Chosen Option : **3**

**Q.6** Which of the following observations DOES NOT help in determining whether a chemical reaction has taken place?

Ans
 ✗ 1. Change in state
 ✗ 2. Evolution of a gas
 ✓ 3. Change in height
 ✗ 4. Change in colour

Question ID : **4244291301**
Status : **Answered**
Chosen Option : **3**

**Q.7** Former finance minister Arun Jaitley passed away in which month of 2019?

Ans
✗ 1. June
✗ 2. May
✔ 3. August
✗ 4. October

Question ID : **4244291295**
Status : **Answered**
Chosen Option : **4**

**Q.8** Which of the following is the base year of a new WPI series effective from April 2017?

Ans
✔ 1. 2011-12
✗ 2. 2013-14
✗ 3. 2010-11
✗ 4. 2012-13

Question ID : **4244291298**
Status : **Not Answered**
Chosen Option : **--**

**Q.9** Who is the first IPS officer to be honoured with Tenzing Norgay National Adventure Award?

Ans
✔ 1. Aparna Kumar
✗ 2. Sanjukta Parashar
✗ 3. Roopa Moudgil
✗ 4. R Sreelekha

Question ID : **4244291313**
Status : **Answered**
Chosen Option : **1**

**Q.10** Who is the first Indian American to become Governor of State of USA?

Ans
✗ 1. Shankara Kurup
✔ 2. Bobby Jindal
✗ 3. John Tyler
✗ 4. Bill Clinton

Question ID : **4244291308**
Status : **Answered**
Chosen Option : **2**

**Q.11** Who is the author of the Ben-Hur : A Tale of the Christ?

Ans
✗ 1. Jules Verne
✗ 2. Ben Jonson
✔ 3. Lew Wallace
✗ 4. Lewis Carroll

Question ID : **4244291309**
Status : **Not Answered**
Chosen Option : **--**

**Q.12** Which state does not share its boundary with Myanmar?

Ans
❌ 1. Arunachal Pradesh

❌ 2. Mizoram

❌ 3. Manipur

✅ 4. Sikkim

Question ID : **4244291302**
Status : **Not Answered**
Chosen Option : **--**

**Q.13** Which Article of the Constitution deals with formation of New States?

Ans
✅ 1. Article 3

❌ 2. Article 5

❌ 3. Article 4

❌ 4. Article 2

Question ID : **4244291311**
Status : **Answered**
Chosen Option : **1**

**Q.14** When was the Human Development Report first published?

Ans
✅ 1. 1990

❌ 2. 1980

❌ 3. 2000

❌ 4. 1981

Question ID : **4244291297**
Status : **Not Answered**
Chosen Option : **--**

**Q.15** 'Khuang' is a traditional musical instrument of which state?

Ans
❌ 1. Assam

✅ 2. Mizoram

❌ 3. Jharkhand

❌ 4. West Bengal

Question ID : **4244291293**
Status : **Answered**
Chosen Option : **2**

**Q.16** Which of the following is the basic SI unit of thermo dynamic temperature?

Ans
✅ 1. Kelvin

❌ 2. Mole

❌ 3. Metre

❌ 4. Candela

Question ID : **4244291299**
Status : **Answered**
Chosen Option : **1**

**Q.17** Which of the following sites of Indus valley civilization is not on the bank of river Indus?

Ans ✗ 1. Chanhudaro

✗ 2. Mohenjodaro

✓ 3. Ropar

✗ 4. Kot-Diji

Question ID : **4244291306**
Status : **Not Answered**
Chosen Option : **--**

**Q.18** Who had proposed the motto of Olympics?

Ans ✗ 1. Didon

✗ 2. Moon Jae-in

✓ 3. Pierre de Coubertin

✗ 4. Hirohito

Question ID : **4244291314**
Status : **Not Answered**
Chosen Option : **--**

**Q.19** Related area of Golden Revolution is:

Ans ✗ 1. Oilseeds

✗ 2. Fish

✗ 3. Eggs

✓ 4. Fruits

Question ID : **4244291304**
Status : **Answered**
Chosen Option : **1**

**Q.20** Which of the following is a group of bacteria found in human intestines, whose presence in water indicates contamination by disease-causing microorganisms?

Ans ✗ 1. Pseudomonas

✓ 2. Coliform

✗ 3. Clostridium

✗ 4. Streptococcus

Question ID : **4244291300**
Status : **Answered**
Chosen Option : **2**

**Q.21** Who among the following won the World Badminton championship title in 2019?

Ans ✗ 1. Tai Tzu Ying

✗ 2. Carolina Masin

✗ 3. Nazomi O Kuhara

✓ 4. P.V Sindhu

Question ID : **4244291294**
Status : **Answered**
Chosen Option : **4**

**Q.22** Which Article of the Constitution of India states the directive principles of state policy on 'promotion of international peace and security'?

Ans ✔ 1. Article 51

✘ 2. Article 69

✘ 3. Article 62

✘ 4. Article 49

Question ID : **4244291310**
Status : **Not Answered**
Chosen Option : **--**

**Q.23** Transistors belong to which of the following generation of the computers?

Ans ✘ 1. Fourth

✘ 2. Third

✘ 3. First

✔ 4. Second

Question ID : **4244291290**
Status : **Answered**
Chosen Option : **4**

**Q.24** Which of the following is not a softcopy devices?

Ans ✔ 1. Plotter

✘ 2. Projector

✘ 3. Monitor

✘ 4. Speaker

Question ID : **4244291291**
Status : **Answered**
Chosen Option : **1**

**Q.25** Which state in India was the first to introduce the 'Mid-day Meal Scheme' for school children?

Ans ✔ 1. Tamil Nadu

✘ 2. Maharashtra

✘ 3. Gujarat

✘ 4. Kerala

Question ID : **4244291312**
Status : **Answered**
Chosen Option : **4**