Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone IDZ Greater Noida
Exam Date	19/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

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

Q.1 **Select the most appropriate synonym of the given word.**

PENURY

Ans ✗ 1. Readability

✗ 2. Temporality

✗ 3. Compatibility

✔ 4. Poverty

Question ID : **8161611941**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Select the most appropriate word to fill in the blank.**

Although they searched for an hour, they were not able to find the _____ easily.

Ans ✗ 1. whereabouts

✗ 2. space

✔ 3. location

✗ 4. meeting

Question ID : **8161611943**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the wrongly spelt word.**

Ans ✔ 1. Menifestation

✗ 2. Eradication

✗ 3. Manipulation

✗ 4. Regularization

Question ID : **8161611936**
Status : **Answered**
Chosen Option : **1**

Q.4 **In the sentence identify the segment which contains the grammatical error.**

The manager was referring about the previous instances of loss to the employees during his address.

Ans ✔ 1. The manager was referring about

✘ 2. the previous instances

✘ 3. during his address

✘ 4. of loss to the employees

Question ID : **8161611921**
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.

Art is the use of (1)_____, skill and imagination to create something that's beautiful or emotionally (2)_____. This definition needs to be expanded. If you (3)_____ a little deeper, you'll see that any skill can be considered an art, (4)_____ if you exercise a little (5)_____ and creativity in the process.

SubQuestion No : 5

Q.5 **Select the most appropriate option for blank No. 1.**

Ans ✘ 1. emotion

✔ 2. creativity

✘ 3. destruction

✘ 4. intoxication

Question ID : **8161611923**
Status : **Answered**
Chosen Option : **2**

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.

Art is the use of (1)_____, skill and imagination to create something that's beautiful or emotionally (2)_____. This definition needs to be expanded. If you (3)_____ a little deeper, you'll see that any skill can be considered an art, (4)_____ if you exercise a little (5)_____ and creativity in the process.

SubQuestion No : 6

Q.6 **Select the most appropriate option for blank No. 2.**

Ans ✘ 1. creative

✔ 2. comforting

✘ 3. imaginative

✘ 4. tempting

Question ID : **8161611924**
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.

Art is the use of (1)_____, skill and imagination to create something that's beautiful or emotionally (2)_____. This definition needs to be expanded. If you (3)_____ a little deeper, you'll see that any skill can be considered an art, (4)_____ if you exercise a little (5)_____ and creativity in the process.

SubQuestion No : 7

Q.7 **Select the most appropriate option for blank No. 3.**

Ans ✗ 1. move

✗ 2. play

✔ 3. dig

✗ 4. look

Question ID : **8161611925**
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.

Art is the use of (1)_____, skill and imagination to create something that's beautiful or emotionally (2)_____. This definition needs to be expanded. If you (3)_____ a little deeper, you'll see that any skill can be considered an art, (4)_____ if you exercise a little (5)_____ and creativity in the process.

SubQuestion No : 8

Q.8 **Select the most appropriate option for blank No. 4.**

Ans ✗ 1. commonly

✗ 2. at the outset

✗ 3. generally

✔ 4. particularly

Question ID : **8161611926**
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.

Art is the use of (1)_____, skill and imagination to create something that's beautiful or emotionally (2)_____. This definition needs to be expanded. If you (3)_____ a little deeper, you'll see that any skill can be considered an art, (4)_____ if you exercise a little (5)_____ and creativity in the process.

SubQuestion No : 9

Q.9 **Select the most appropriate option for blank No. 5.**

Ans ✔️ 1. imagination

❌ 2. hope

❌ 3. desire

❌ 4. dream

Question ID : **8161611927**

Status : **Answered**

Chosen Option : **1**

Q.10 **Select the most appropriate word to fill in the blank.**

The wall fell down with a big _____.

Ans ❌ 1. hiss

❌ 2. murmur

❌ 3. screech

✔️ 4. bang

Question ID : **8161611942**

Status : **Answered**

Chosen Option : **3**

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

MAESTRO

Ans ❌ 1. Connoisseur

❌ 2. Enthusiast

❌ 3. Teacher

✔️ 4. Amateur

Question ID : **8161611933**

Status : **Answered**

Chosen Option : **4**

Q.12 Select the word which means the same as the group of words given.

Condition of sleep during certain parts of the year

Ans ✗ 1. Somnambulism

✗ 2. Dehydration

✗ 3. Constipation

✓ 4. Hibernation

Question ID : **8161611939**
Status : **Answered**
Chosen Option : **4**

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

UNWORTHY

Ans ✓ 1. Deserving

✗ 2. Helpful

✗ 3. Trustworthy

✗ 4. Unskilled

Question ID : **8161611932**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the correct indirect form of the given sentence.

The lion asked the lioness, "Where will you hide yourself, until I return?"

Ans ✓ 1. The lion asked the lioness where she would hide herself, until he returned.

✗ 2. The lion asked the lioness where she will hide herself, until he returns.

✗ 3. The lion asked the lioness whether she would hide herself, until he returned.

✗ 4. The lion asked the lioness where would she hide herself, until he returned.

Question ID : **8161611919**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the correct passive form of the given sentence.

The Inspector had already proved the case before the investigation team took charge of it.

Ans ✗ 1. The investigation team took charge of the case but the Inspector had already proved before it.

✗ 2. The case had already proved by the Inspector before the investigation team took charge of it.

✗ 3. The case was already proved by the Inspector before the investigation team took charge of it.

✓ 4. The case had already been proved by the Inspector before the investigation team took charge of it.

Question ID : **8161611918**
Status : **Answered**
Chosen Option : **4**

Q.16 Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

A. The boat floated down the river and reached the other bank.
B. Thinking that she was dead, her friends secretly took her and abandoned her in a boat.
C. The people on the bank took her to a hospital and saved her.
D. Smelling a flower given by the magician, Shweta fell down unconscious.

Ans ✔ 1. DBAC

✘ 2. ACDB

✘ 3. DABC

✘ 4. BCAD

Question ID : **8161611929**
Status : **Answered**
Chosen Option : **1**

Q.17 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'.

Prithvi likes baseball <u>as long as</u> she likes cricket.

Ans ✘ 1. so long as

✔ 2. as much as

✘ 3. No improvement

✘ 4. as many as

Question ID : **8161611930**
Status : **Answered**
Chosen Option : **2**

Q.18 In the sentence identify the segment which contains the grammatical error.

One of the reason behind malnutrition is the improper way of food intake.

Ans ✘ 1. behind malnutrition

✘ 2. of food intake

✘ 3. is the improper way

✔ 4. One of the reason

Question ID : **8161611920**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the word which means the same as the group of words given.

A person who studies the structure of the earth

Ans ✘ 1. Gynaecologist

✘ 2. Geographer

✘ 3. Gemologist

✔ 4. Geologist

Question ID : **8161611938**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the wrongly spelt word.

Ans
✗ 1. Productive

✗ 2. Representative

✗ 3. Palliative

✔ 4. Lucretive

Question ID : **8161611937**
Status : **Answered**
Chosen Option : **4**

Q.21 Select the most appropriate meaning of the given idiom.

In a fog

Ans
✗ 1. Trapped in foggy weather

✗ 2. Sightless and blind

✔ 3. Confused and dazed

✗ 4. Disturbed and unhappy

Question ID : **8161611934**
Status : **Answered**
Chosen Option : **3**

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

A. Their classmate, Koushal, hardly studied and spent much of his time wasting on prattles.
B. He made himself busy by collecting old pens and used papers in order to avoid studies.
C. Poonam, the class teacher, was very much loved and respected by her students.
D. Three of them were very intelligent and spent most of their time studying with Poonam.

Ans
✗ 1. DCAB

✗ 2. CADB

✔ 3. CDAB

✗ 4. CDBA

Question ID : **8161611928**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the most appropriate meaning of the given idiom.

Neither fish nor fowl

Ans
✗ 1. Something which can neither be purchased nor be grown

✗ 2. Something which can neither be supplied easily nor be made available readily

✔ 3. Something which can neither be categorized easily nor be accepted befittingly

✗ 4. Something which can neither be eaten nor be preserved

Question ID : **8161611935**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

FESTIVITY

Ans ✗ 1. Calibration

✗ 2. Botheration

✔ 3. Celebration

✗ 4. Foundation

Question ID : **8161611940**
Status : **Answered**
Chosen Option : **3**

Q.25 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'.

<u>As long to</u> funding is not made available, our construction dreams have been deferred.

Ans ✗ 1. No improvement
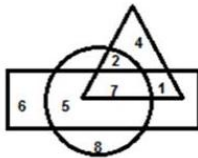
✗ 2. As high as

✗ 3. In as much as

✔ 4. So long as

Question ID : **8161611931**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 In the given Venn Diagram, 'Circle' represents 'Players', 'Triangle' represents 'Graduates' and 'Rectangle' represents 'Managers'. Which of the numbers depicts the area which represents 'Graduate Players who are not Managers'?

Ans ✗ 1. 1

✗ 2. 5

✗ 3. 7

✔ 4. 2

Question ID : **8161611968**
Status : **Answered**
Chosen Option : **4**

Q.2 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

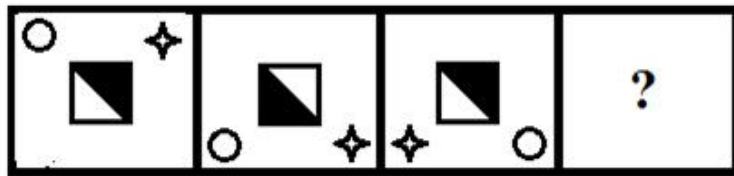**Ans**

✗ 1.

✗ 2.

✗ 3.
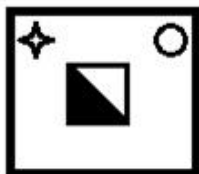
✔ 4.

Question ID : **8161611966**
Status : **Answered**
Chosen Option : **4**

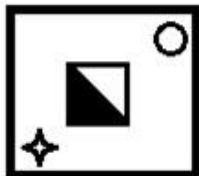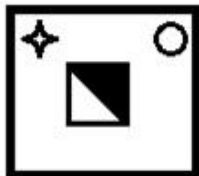**Q.3** Select the figure that will come next in the given series.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
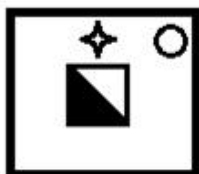
Q.4 Select the option in which the number set shares the same relationship as that shared by the given number set.

(11, 15, 400)

Ans

✔ 1. (12, 17, 493)
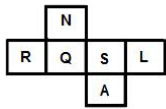
✘ 2. (10, 12, 244)

✘ 3. (18, 24, 786)

✘ 4. (20, 22, 870)

Q.5 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite side of 'L'?

Ans
✓ 1. Q
✗ 2. S
✗ 3. R
✗ 4. N

Question ID : **8161611962**
Status : **Answered**
Chosen Option : **1**

Q.6 In a certain code language, 'SHARP' is written as '73'. How will 'AUDIT' be written as in the same language?

Ans
✓ 1. 80
✗ 2. 72
✗ 3. 76
✗ 4. 84

Question ID : **8161611953**
Status : **Answered**
Chosen Option : **1**

Q.7 Select the number that can replace the question mark (?) in the following series.

19, 20, 24, 51, 67, ?

Ans
✗ 1. 190
✓ 2. 192
✗ 3. 191
✗ 4. 195

Question ID : **8161611949**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the word-pair in which the two words are related in the same way as are the two words in the given word-pair.

Admission Card : Examination

Ans
✗ 1. Hotel : Chef
✗ 2. Weather : Winter
✗ 3. Passenger : Bus Stand
✓ 4. Ticket : Train Journey

Question ID : **8161611958**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the correct combination of mathematical signs to replace the sign (*) and balance the following equation.
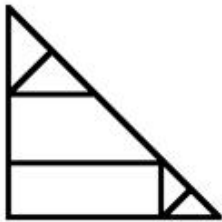
15 * 4 * 26 * 2 * 7 * 66

Ans
✗ 1. +, ×, −, ÷, =

✗ 2. +, ×, ÷, −, =

✔ 3. ×, +, ÷, −, =

✗ 4. ×, +, −, ÷, =

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

Ans
✗ 1. 9

✗ 2. 7

✗ 3. 10

✔ 4. 8

Q.11 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:

All speakers are equipment.

All equipment are wires.

Conclusions:

I. Some wires are equipment.

II. No speaker is wire.

III. Some speakers are not wires.

Ans
✗ 1. Both conclusions I and III follow.

✔ 2. Only conclusion I follows.

✗ 3. All conclusions I, II and III follow.

✗ 4. Only conclusion III follows.

Q.12 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

U _ D _ U P _ M _ P D M U _ D M

Ans
  ✘ 1. UMDUD
  ✘ 2. MPUDU
  ✘ 3. PMUPD
  ✔ 4. PMDUP

Question ID : 8161611956
Status : **Answered**
Chosen Option : **4**

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

27 : 6 : : 8 : ? : : 64 : 8

Ans
  ✘ 1. 3
  ✘ 2. 1
  ✘ 3. 2
  ✔ 4. 4

Question ID : 8161611946
Status : **Answered**
Chosen Option : **4**

Q.14 In a certain code language, 'WARDEN' is written as 'SJIWFB'. How will 'OFFICE' be written as in that language?

Ans
  ✘ 1. JGNKKS
  ✘ 2. KHNJJT
  ✘ 3. JHOKKU
  ✔ 4. JHNKKT

Question ID : 8161611952
Status : **Answered**
Chosen Option : **4**

Q.15 Select the correct mirror image of the given figure when a vertical mirror is placed on the right of the figure.

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.16 Select the option in which the number set shares the same relationship as that shared by the given number set.

(14, 24, 84)

Ans

✗ 1. (16, 20, 160)

✗ 2. (22, 34, 176)

✗ 3. (12, 60, 186)

✔ 4. (18, 30, 135)

Q.17 Select the correct option that arranges the following words in a logical and meaningful sequence.

1. Prize

2. Competition

3. Marking by Judges

4. Winner

5. Participants

Ans

✔ 1. 5, 2, 3, 4, 1

✗ 2. 5, 2, 4, 3, 1

✗ 3. 5, 3, 2, 1, 4

✗ 4. 1, 2, 3, 5, 4

Q.18 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. SUWY

✓ 2. YACF

✗ 3. LNPR

✗ 4. ZBDF

Question ID : **8161611959**
Status : **Answered**
Chosen Option : **2**

Q.19 Select the option that is related to the third term in the same way as the second term is related to the first term.

Painting : Colour : : Homework : ?

Ans ✗ 1. School

✓ 2. Ink

✗ 3. Notebook

✗ 4. Teacher

Question ID : **8161611955**
Status : **Answered**
Chosen Option : **2**

Q.20 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. Second

✗ 2. Minute

✓ 3. Time

✗ 4. Hour

Question ID : **8161611960**
Status : **Answered**
Chosen Option : **3**

Q.21 In a class, every student participated in one of the three activities i.e. folk song, kathak and quiz. 22 % of the total students participated in folk song. 25 % of the remaining students participated in kathak. The remaining students participated in quiz. What percentage of students participated in quiz?

Ans ✗ 1. 53%

✗ 2. 30.6%

✗ 3. 41.5%

✓ 4. 58.5%

Question ID : **8161611944**
Status : **Answered**
Chosen Option : **4**

Q.22 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
✗ 1. 5 : 26
✔ 2. 13 : 175
✗ 3. 4 : 17
✗ 4. 11 : 122

Question ID : **8161611950**
Status : **Answered**
Chosen Option : **2**

Q.23 Himmat is the husband of Kavita. Sharda is the daughter of Ravi whose wife is Ketaki. Kavita is Sharda's sister. How is Ravi related to Himmat?

Ans
✗ 1. Brother
✔ 2. Father-in-law
✗ 3. Paternal Uncle
✗ 4. Father

Question ID : **8161611957**
Status : **Answered**
Chosen Option : **2**

Q.24 Select the option in which the given figure X is embedded. (Rotation is not allowed)
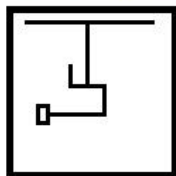
Figure X

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
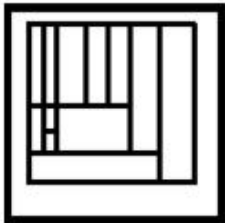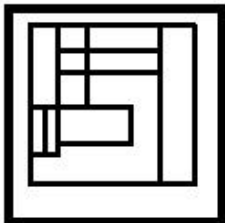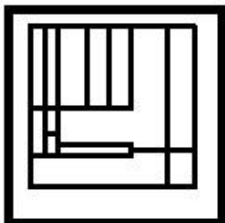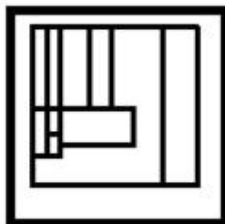
Question ID : **8161611965**
Status : **Answered**
Chosen Option : **4**

Q.25 Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

UBQ : XET : : NKE : ?

Ans ✔ 1. QNH

✗ 2. QMH

✗ 3. QNG

✗ 4. PNH

Question ID : **8161611954**
Status : **Answered**
Chosen Option : **1**

Q.1 The given pie chart shows the marks obtained in an examination by a student (in degrees). Observe the pie chart and answer the question that follows.

Mark obtained in examination
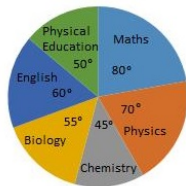
If the total marks are 720, then the marks obtained in English is what percentage of the marks obtained in Maths?

Ans
✗ 1. 50%

✗ 2. 55%

✔ 3. 75%

✗ 4. 60%

Question ID : **8161611992**
Status : **Answered**
Chosen Option : **3**

Q.2 The difference between the compound interest on a sum of ₹8,000 for 1 year at the rate of 10% per annum, interest compounded yearly and half yearly is:

Ans
✗ 1. ₹40

✗ 2. ₹10

✗ 3. ₹30

✔ 4. ₹20

Question ID : **8161611977**
Status : **Answered**
Chosen Option : **4**

Q.3 $\dfrac{\sqrt{cosecx-1}}{\sqrt{cosecx+1}}$ is equal to:

Ans
✗ 1. $tanx - secx$

✗ 2. $secx.tanx$

✗ 3. $tanx + secx$

✔ 4. $secx - tanx$

Question ID : **8161611988**
Status : **Answered**
Chosen Option : **4**

Q.4 If $x \sin 30° \cos 60° = \sin 45 \cos 45$, then the value of x is:

Ans   ✔ 1. 2

     ✘ 2. 0

     ✘ 3. 1

     ✘ 4. 3

Q.5 A sum of ₹1,260 is distributed between Ravi and Mohan. If the shares of Ravi and Mohan are in ratio 5 : 4, then the shares of Ravi and Mohan are respectively:

Ans   ✘ 1. ₹680 and ₹580

     ✘ 2. ₹800 and ₹460

     ✔ 3. ₹700 and ₹560

     ✘ 4. ₹750 and ₹510

Q.6 The given pie chart shows the marks obtained in an examination by a student (in degrees). Observe the pie chart and answer the question that follows.

Mark obtained in examination
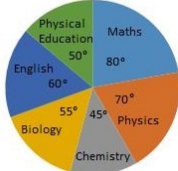
If total marks are 720, then the marks obtained in Chemistry, Biology and Maths together is what percentage of the total marks?

Ans   ✔ 1. 50%

     ✘ 2. 30%

     ✘ 3. 60%

     ✘ 4. 40%

Q.7 The marked price of a toy is ₹450. After a certain discount on the marked price, the selling price of the toy is ₹405. The rate of discount is:

Ans
✗ 1. 8%
✗ 2. 12%
✗ 3. 15%
✔ 4. 10%

Question ID : **8161611973**
Status : **Answered**
Chosen Option : **4**

Q.8 Ravi can complete a task in 6 days and Mohan can complete the same task in 9 days. In how many days can Ravi and Mohan together complete the same task?

Ans
✔ 1. $3\frac{3}{5}$ days
✗ 2. 9 days
✗ 3. 15 days
✗ 4. $3\frac{2}{5}$ days

Question ID : **8161611969**
Status : **Answered**
Chosen Option : **1**

Q.9 Which number is divisible by both 9 and 11?

Ans
✔ 1. 10,098
✗ 2. 10,108
✗ 3. 10,089
✗ 4. 10,087

Question ID : **8161611985**
Status : **Answered**
Chosen Option : **1**

Q.10 A car covers 15 km, 20 km, 30 km and 12 km at speeds of 20 km/h, 30 km/h, 40 km/h and 30 km/h, respectively. The average speed of the car for the total journey is :

Ans
✗ 1. 88 km/h
✗ 2. 60 km/h
✔ 3. 30 km/h
✗ 4. 40 km/h

Question ID : **8161611972**
Status : **Answered**
Chosen Option : **3**

Q.11 Sohan purchased an old scooter, and sold it for ₹28,000 thus gaining a 12% profit on the cost price. The cost price of the scooter is:

Ans
✗ 1. ₹27,000

✗ 2. ₹30,000

✓ 3. ₹25,000

✗ 4. ₹26,000

Question ID : **8161611975**
Status : **Answered**
Chosen Option : **3**

Q.12 If $A = \frac{x-1}{x+1}$, then the value of $A - \frac{1}{A}$ is:

Ans
✗ 1. $\frac{-4(2x-1)}{x^2-1}$

✗ 2. $\frac{x^2-1}{-4(2x-1)}$

✗ 3. $\frac{x^2-1}{-4(2x+1)}$

✓ 4. $\frac{-4x}{x^2-1}$

Question ID : **8161611984**
Status : **Answered**
Chosen Option : **4**

Q.13 If the angle between two radii of a circle be 130°, then the angle between the tangents at the end of these radii (in degrees) is:

Ans
✓ 1. 50°

✗ 2. 90°

✗ 3. 40°

✗ 4. 70°

Question ID : **8161611978**
Status : **Answered**
Chosen Option : **1**

Q.14 In △ABC, AB = AC, and ∠BAC is 50°. Then ∠ABC and ∠BCA are, respectively:

Ans
✗ 1. 70° and 75°

✓ 2. 65° and 65°

✗ 3. 50° and 55°

✗ 4. 55° and 55°

Question ID : **8161611980**
Status : **Answered**
Chosen Option : **2**

Q.15 The given pie chart shows the marks obtained in an examination by a student (in degrees). Observe the pie chart and answer the question that follows.

Mark obtained in examination
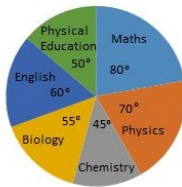
If the total marks are 720, then the marks obtained in Mathematics are:

Ans   ✗ 1. 140

     ✔ 2. 160

     ✗ 3. 120

     ✗ 4. 80

<div style="border:1px solid #000; padding:8px;">

Question ID : **8161611990**

Status : **Answered**

Chosen Option : **2**

</div>

Q.16 If $x - \frac{1}{x} = 13$, then the value of $x^2 + \frac{1}{x^2}$ is:

Ans   ✗ 1. 165

     ✔ 2. 171

     ✗ 3. 167

     ✗ 4. 169

<div style="border:1px solid #000; padding:8px;">

Question ID : **8161611982**

Status : **Answered**

Chosen Option : **2**

</div>

Q.17 In a circle centred at O, AB is a chord and C is any point on AB, such that OC is perpendicular to AB. If the length of the chord is 16 cm and OC = 6 cm, the radius of circle is:

Ans   ✗ 1. 8 cm

     ✗ 2. 12 cm

     ✔ 3. 10 cm

     ✗ 4. 6 cm

<div style="border:1px solid #000; padding:8px;">

Question ID : **8161611979**

Status : **Answered**

Chosen Option : **3**

</div>

Q.18 The volume of a cube is 343 cm³. The edge of cube is:

Ans ✔ 1. 7 cm
✘ 2. 6 cm
✘ 3. 5 cm
✘ 4. 4 cm

Q.19 The value of $7 + [44 \div 4 + \{9 \times 2 - 14 \div 7\} + 5 \times 2]$ is:

Ans ✔ 1. 44
✘ 2. 55
✘ 3. 33
✘ 4. 67

Q.20 The value of $\dfrac{cos29°cosec61°tan45°+2sin35°sec55°}{3\sin^2 42°+3\sin^2 48°}$ is:

Ans ✘ 1. 0
✔ 2. 1
✘ 3. 3
✘ 4. 2

Q.21 Mohan finishes a journey by scooter in 5 hours. He travels the first half of the journey at 30 km/h and the second half of the journey at 20 km/h. The distance covered by him is:

Ans ✘ 1. 130 km
✔ 2. 120 km
✘ 3. 140 km
✘ 4. 100 km

Q.22 Each side of a rectangular field is increased by 10%. Then the percentage increase in the area of the field is:

Ans
✔ 1. 21%
✘ 2. 10%
✘ 3. 18%
✘ 4. 15%

> Question ID : **8161611974**
> Status : **Answered**
> Chosen Option : **1**

Q.23 The given pie chart shows the marks obtained in an examination by a student (in degrees). Observe the pie chart and answer the question that follows.

Mark obtained in examination
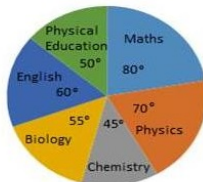
If the total marks are 720, then the difference between the total marks obtained in Physics, Maths and Physical education and the total marks in Chemistry, Biology, and English out of the total marks is:

Ans
✘ 1. 90
✘ 2. 100
✔ 3. 80
✘ 4. 110

> Question ID : **8161611993**
> Status : **Answered**
> Chosen Option : **3**

Q.24 If $x^3 - 6x^2 + ax + b$ is divisible by $(x^2 - 3x + 2)$, then the values of a and b are:

Ans
✘ 1. $a = -6$ and $b = -11$
✘ 2. $a = -11$ and $b = 6$
✔ 3. $a = 11$ and $b = -6$
✘ 4. $a = 6$ and $b = 11$

> Question ID : **8161611983**
> Status : **Answered**
> Chosen Option : **3**

Q.25 The measure of one of the exterior angles of a triangle is twice one of the interior opposite angles and the measure of the other interior opposite angles is 60°. The triangle is a/an:

Ans ✔ 1. equilateral triangle

✘ 2. right triangle

✘ 3. scalene triangle

✘ 4. isosceles triangle

Question ID : **8161611981**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Magnus Carlsen is associated with which game?

Ans ✘ 1. Badminton

✔ 2. Chess

✘ 3. Squash

✘ 4. Lawn Tennis

Question ID : **8161612018**
Status : **Answered**
Chosen Option : **4**

Q.2 Proteins are assembled from how many amino acids?

Ans ✘ 1. 5

✘ 2. 10

✘ 3. 15

✔ 4. 20

Question ID : **8161612004**
Status : **Answered**
Chosen Option : **2**

Q.3 When was the Treaty of Amritsar signed?

Ans ✔ 1. 1809

✘ 2. 1824

✘ 3. 1819

✘ 4. 1825

Question ID : **8161612011**
Status : **Answered**
Chosen Option : **3**

Q.4   When was Safari first released by Apple?

Ans   ✗ 1. 1998

✔ 2. 2003

✗ 3. 2002

✗ 4. 2001

Question ID : **8161611995**

Status : **Answered**

Chosen Option : **3**

Q.5   Who among the following was one of the recipients of Rajiv Gandhi Khel Ratna Award 2019?

Ans   ✗ 1. Sania Mirza

✗ 2. PV Sindhu

✗ 3. Virat Kohli

✔ 4. Deepa Malik

Question ID : **8161612016**

Status : **Answered**

Chosen Option : **3**

Q.6   Who was the President of India during the emergency of 1975-1977?

Ans   ✔ 1. Fakhruddin Ali Ahmed

✗ 2. Varahagiri Venkatagiri

✗ 3. R Venkataraman

✗ 4. Giani Zail Singh

Question ID : **8161612014**

Status : **Answered**

Chosen Option : **2**

Q.7   When was the Eden Gardens Stadium, Kolkata established?

Ans   ✗ 1. 1875

✔ 2. 1864

✗ 3. 1854

✗ 4. 1885

Question ID : **8161612017**

Status : **Answered**

Chosen Option : **2**

Q.8 Who wrote the famous book 'The God of Small Things'?

Ans
- ❌ 1. Ruskin Bond
- ✔️ 2. Arundhati Roy
- ❌ 3. Kiran Desai
- ❌ 4. Chetan Bhagat

Question ID : **8161612013**
Status : **Answered**
Chosen Option : **2**

Q.9 What is the sex ratio of Kerala as per census 2011?

Ans
- ✔️ 1. 1084
- ❌ 2. 1044
- ❌ 3. 1024
- ❌ 4. 1064

Question ID : **8161612007**
Status : **Answered**
Chosen Option : **4**

Q.10 When was the 44th Constitutional Amendment Act enacted?

Ans
- ❌ 1. 1975
- ❌ 2. 1972
- ❌ 3. 1976
- ✔️ 4. 1978

Question ID : **8161612015**
Status : **Answered**
Chosen Option : **4**

Q.11 Which state ranked first in Sustainable Development Goals Index 2019-20 released by NITI Aayog of India?

Ans
- ❌ 1. Andhra Pradesh
- ❌ 2. Tamil Nadu
- ❌ 3. Himachal Pradesh
- ✔️ 4. Kerala

Question ID : **8161612000**
Status : **Answered**
Chosen Option : **4**

Q.12 In the field of computing, what does VGA stand for?

Ans   ✔ 1. Video Graphics Array

        ✘ 2. Video Graphics Audio

        ✘ 3. Visual Graphics Audio

        ✘ 4. Visual Graphics Array

Question ID : **8161611994**
Status : **Answered**
Chosen Option : **4**

Q.13 When was the Secretariat of the SAARC set up?

Ans   ✘ 1. 1984

        ✔ 2. 1987

        ✘ 3. 1985

        ✘ 4. 1986

Question ID : **8161612001**
Status : **Answered**
Chosen Option : **4**

Q.14 What type of unemployment is generally found in agricultural sector of India?

Ans   ✘ 1. Voluntary unemployment

        ✔ 2. Disguised unemployment

        ✘ 3. Frictional unemployment

        ✘ 4. Structural unemployment

Question ID : **8161612002**
Status : **Answered**
Chosen Option : **2**

Q.15 Which award has been given to Narthaki Nataraj in 2019?

Ans   ✘ 1. Padma Vibhushan

        ✘ 2. Bharat Ratna

        ✔ 3. Padma Shri

        ✘ 4. Padma Bhushan

Question ID : **8161612012**
Status : **Answered**
Chosen Option : **4**

Q.16 Who is the newest Chief of Indian Army in December 2019?

Ans ✗ 1. Bikram Singh

✗ 2. Devraj Anbu

✔ 3. Manoj Mukund Naravane

✗ 4. Bipin Rawat

Question ID : **8161611998**
Status : **Answered**
Chosen Option : **3**

Q.17 Who has been declared as 'Men's Player of the Year 2019' by the International Hockey Federation?

Ans ✔ 1. Manpreet Singh

✗ 2. Arthur van Doren

✗ 3. Aran Zalewski

✗ 4. Lucas Vila

Question ID : **8161611999**
Status : **Answered**
Chosen Option : **1**

Q.18 The Raleigh Commission (1902) was appointed to recommend reforms in:

Ans ✗ 1. draught management

✗ 2. the police system

✔ 3. the education system

✗ 4. the judicial system

Question ID : **8161612010**
Status : **Answered**
Chosen Option : **1**

Q.19 Dachigam National Park is in which state of India?

Ans ✗ 1. Himachal Pradesh

✗ 2. West Bengal

✗ 3. Uttarakhand

✔ 4. Jammu and Kashmir

Question ID : **8161612008**
Status : **Answered**
Chosen Option : **1**

Q.20 What is the relative density of silver?

Ans   ✔️ 1. 10.8

      ❌ 2. 9.5

      ❌ 3. 10.4

      ❌ 4. 7.2

Question ID : **8161612005**
Status : **Answered**
Chosen Option : **3**

Q.21 Ustad Alladiya Khan belongs to which gharana of Hindustani music?

Ans   ❌ 1. Agra gharana

      ❌ 2. Gwalior gharana

      ❌ 3. Benaras gharana

      ✔️ 4. Jaipur gharana

Question ID : **8161611997**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following types of organisms have an open circulatory system?

Ans   ✔️ 1. Mollusca

      ❌ 2. Nematoda

      ❌ 3. Annelida

      ❌ 4. Birds

Question ID : **8161612003**
Status : **Answered**
Chosen Option : **3**

Q.23 Saga Dawa is the festival of which state?

Ans   ❌ 1. Tripura

      ❌ 2. Manipur

      ✔️ 3. Sikkim

      ❌ 4. Assam

Question ID : **8161611996**
Status : **Answered**
Chosen Option : **3**

Q.24 What is the height of Tehri Dam?

Ans ✗ 1. 250.5 m

✗ 2. 270.5 m

✗ 3. 280.5 m

✔ 4. 260.5 m

Question ID : **8161612006**

Status : **Answered**

Chosen Option : **3**

Q.25 How many Indian states share border with Bhutan?

Ans ✗ 1. 5

✗ 2. 3

✗ 3. 2

✔ 4. 4

Question ID : **8161612009**

Status : **Answered**

Chosen Option : **2**