Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	Join Youtube Channel
Candidate Name	Join Youtube Channel
Venue Name	iON Digital Zone iDZ 2 Duhai
Exam Date	13/04/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 **Select the most appropriate meaning of the given idiom.**

To run around like a headless chicken

Ans
- ✗ 1. To be unable to catch escaping chicken
- ✔ 2. To do many things in a disorganised manner
- ✗ 3. To be lazy and unwilling to work
- ✗ 4. To do things methodically one by one

> Question ID : **6549788865**
> Status : **Answered**
> Chosen Option : **2**

Q.2 **Select the option which means the same as the group of words given.**

A person authorised to examine and verify accounts

Ans
- ✗ 1. distributor
- ✔ 2. auditor
- ✗ 3. anchor
- ✗ 4. commentator

> Question ID : **6549788868**
> Status : **Answered**
> Chosen Option : **2**

Q.3 **Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. Some Europeans demand that Europe slam its gates.
B. Today more and more humans are crossing more and more borders in search of a job.
C. Nowhere is it more apparent than in Europe.
D. But others call for opening the gates wider.

Ans
- ✗ 1. BACD
- ✗ 2. DCBA
- ✗ 3. ACBD
- ✔ 4. BCAD

> Question ID : **6549788859**
> Status : **Answered**
> Chosen Option : **4**

Q.4 **Select the most appropriate meaning of the given idiom.**

To leave no stone unturned

Ans ✔ 1. To try everything possible to solve a problem

✘ 2. To become accustomed to routine things

✘ 3. To turn everything upside down

✘ 4. To become furious with somebody

> Question ID : **6549787955**
> Status : **Answered**
> Chosen Option : **1**

Q.5 **Select the INCORRECTLY spelt word.**

Ans ✘ 1. Addition

✔ 2. Convertion

✘ 3. Duration

✘ 4. Condition

> Question ID : **6549787958**
> Status : **Answered**
> Chosen Option : **2**

Q.6 **Select the most appropriate ANTONYM of the given word.**

INNOCUOUS

Ans ✔ 1. harmful

✘ 2. harmless

✘ 3. innocent

✘ 4. indifferent

> Question ID : **6549788863**
> Status : **Answered**
> Chosen Option : **1**

Q.7 **In the sentence identify the segment which contains the grammatical error.**

Participating in the Republic Day Parade are considered an honour by many people.

Ans ✘ 1. Participating in

✘ 2. the Republic Day Parade

✔ 3. are considered an honour

✘ 4. by many people

> Question ID : **6549787941**
> Status : **Answered**
> Chosen Option : **3**

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

Courts help in the resolution of _____ issues.

Ans ✗ 1. conscientious

✔ 2. contentious

✗ 3. contemptuous

✗ 4. presumptuous

> Question ID : **6549788873**
> Status : **Answered**
> Chosen Option : **2**

Q.9 **Select the correct indirect form of the given sentence.**

The policeman said to the Inspector, "I arrested a man who broke the window of a car."

Ans ✔ 1. The policeman told the inspector that he had arrested a man who had broken the window of a car.

✗ 2. The policeman told the inspector that he had arrested a man who broke the window of a car.

✗ 3. The policeman told the inspector that I arrested a man who broke the window of a car.

✗ 4. The policeman told the inspector that he arrested a man who broke the window of a car.

> Question ID : **6549787940**
> Status : **Answered**
> Chosen Option : **1**

Q.10 **Select the word which means the same as the group of words given.**

A place where coins are manufactured

Ans ✗ 1. Warehouse

✗ 2. Factory

✗ 3. Mine

✔ 4. Mint

> Question ID : **6549787960**
> Status : **Answered**
> Chosen Option : **4**

Q.11 **Select the most appropriate word to fill in the blank.**

He was not ready at first to come with us for the picnic but we _____ him.

Ans ✗ 1. consulted

✗ 2. isolated

✔ 3. persuaded

✗ 4. controlled

> Question ID : **6549787963**
> Status : **Answered**
> Chosen Option : **3**

Q.12 **Select the most appropriate ANTONYM of the given word.**

SEVERE

Ans ❌ 1. Cruel

❌ 2. Strict

✔️ 3. Mild

❌ 4. Harsh

Question ID : **6549787953**

Status : **Answered**

Chosen Option : **3**

Q.13 **In the given sentence, identify the segment which contains the grammatical error.**

I think someone has been picked my pocket while I was travelling in the metro.

Ans ❌ 1. while I was travelling

✔️ 2. someone has been picked my pocket

❌ 3. I think

❌ 4. in the metro

Question ID : **6549788851**

Status : **Answered**

Chosen Option : **2**

Q.14 **Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.**

A.They made fruit mash for me.
B. They extracted 30 worms from my wounds on my legs and arms.
C. But I was unable to eat.
D. They washed me with salt water and bandaged my wounds after putting a lotion on them.

Ans ❌ 1. DBAC

✔️ 2. BDAC

❌ 3. BACD

❌ 4. ADBC

Question ID : **6549787949**

Status : **Answered**

Chosen Option : **2**

Q.15 **Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'**

How much does it cost to <u>travels</u> from the airport to Noida?

Ans ❌ 1. travelled

❌ 2. travelling

❌ 3. No improvement

✔️ 4. travel

Question ID : **6549788860**

Status : **Answered**

Chosen Option : **4**

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

The Indian government has introduced a ban on spitting in public.

Ans ✔ 1. A ban on spitting in public has been introduced by the Indian government.

✖ 2. The Indian government had introduced a ban on spitting in public places.

✖ 3. The ban on spitting was being introduced by the Indian government.

✖ 4. The ban on spitting had been introduced by the Indian government.

> Question ID : **6549788848**
>
> 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'.**

I wrote a novel for the last two years but it is not finished yet.

Ans ✖ 1. No improvement

✔ 2. I have been writing a novel

✖ 3. I am writing the novel

✖ 4. I wrote the novel

> Question ID : **6549787952**
>
> Status : **Answered**
>
> Chosen Option : **2**

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

CONDESCENSION

Ans ✖ 1. intention

✔ 2. disdain

✖ 3. cohesion

✖ 4. effusion

> Question ID : **6549788871**
>
> Status : **Answered**
>
> Chosen Option : **2**

Q.19 **Select the most appropriate synonym of the given word.**

ATTRACT

Ans ✔ 1. Fascinate

✖ 2. Prevent

✖ 3. Disgust

✖ 4. Release

> Question ID : **6549787961**
>
> Status : **Answered**
>
> Chosen Option : **1**

Q.20 Select the INCORRECTLY spelt word.

Ans   ✗ 1. environment

        ✗ 2. encouragement

        ✗ 3. immediate

        ✓ 4. maintanance

Question ID : **6549788866**

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.

Graduation Day was at hand. Primary school graduation (1) _____ in those days followed a prescribed order-conventional, courteous and (2) _____. First the school principal made a long speech (3) _____ encouragement and blessing for the future of the graduates. (4) _____ one of the representatives of the graduating class (5) _____ with a vote of thanks.

SubQuestion No : 21

Q.21 Select the most appropriate option for blank no. 1.

Ans   ✓ 1. ceremonies

        ✗ 2. ceremonials

        ✗ 3. ceremonious

        ✗ 4. ceremonially

Question ID : **6549788853**

Status : **Answered**

Chosen Option : **1**

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.

Graduation Day was at hand. Primary school graduation (1) _____ in those days followed a prescribed order-conventional, courteous and (2) _____. First the school principal made a long speech (3) _____ encouragement and blessing for the future of the graduates. (4) _____ one of the representatives of the graduating class (5) _____ with a vote of thanks.

SubQuestion No : 22

Q.22 Select the most appropriate option for blank no. 2.

Ans   ✓ 1. sentimental

        ✗ 2. sentiment

        ✗ 3. sentimentally

        ✗ 4. sentiments

Question ID : **6549788854**

Status : **Answered**

Chosen Option : **1**

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.

Graduation Day was at hand. Primary school graduation (1) _____ in those days followed a prescribed order-conventional, courteous and (2) _____. First the school principal made a long speech (3) _____ encouragement and blessing for the future of the graduates. (4) _____ one of the representatives of the graduating class (5) _____ with a vote of thanks.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank no. 3.

Ans
❌ 1. about

❌ 2. in

✔️ 3. of

❌ 4. off

Question ID : **6549788855**

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.

Graduation Day was at hand. Primary school graduation (1) _____ in those days followed a prescribed order-conventional, courteous and (2) _____. First the school principal made a long speech (3) _____ encouragement and blessing for the future of the graduates. (4) _____ one of the representatives of the graduating class (5) _____ with a vote of thanks.

SubQuestion No : 24

Q.24 Select the most appropriate option for blank no. 4.

Ans
❌ 1. When

❌ 2. Those

✔️ 3. Then

❌ 4. These

Question ID : **6549788856**

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.

Graduation Day was at hand. Primary school graduation (1) _____ in those days followed a prescribed order-conventional, courteous and (2) _____. First the school principal made a long speech (3) _____ encouragement and blessing for the future of the graduates. (4) _____ one of the representatives of the graduating class (5) _____ with a vote of thanks.

SubQuestion No : 25

Q.25 **Select the most appropriate option for blank no. 5.**

Ans ✖ 1. respond

✖ 2. responsive

✔ 3. responded

✖ 4. response

Question ID : **6549788857**

Status : **Answered**

Chosen Option : **3**

Section : **General Intelligence**

Q.1 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Certificate
2. Cerebellum
3. Cervical
4. Ceremonious
5. Certainty

Ans ✖ 1. 2, 3, 1, 5, 4

✖ 2. 2, 5, 4, 1, 3

✔ 3. 2, 4, 5, 1, 3

✖ 4. 2, 5, 1, 3, 4

Question ID : **6549787972**

Status : **Answered**

Chosen Option : **3**

Q.2 **'A + B' means 'A is the wife of B'.**
'A – B' means 'A is the daughter of B'.
'A × B' means 'A is the sister of B'.
'A ÷ B' means 'A is the brother of B'.
If P ÷ M × R – Z + Q, then how is P related to Q?

Ans ✔ 1. Son
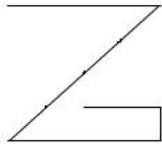
✖ 2. Nephew

✖ 3. Son-in-law

✖ 4. Brother

Question ID : **6549788079**

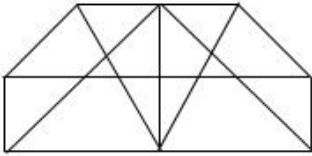Status : **Answered**

Chosen Option : **1**

Q.3 Select the option in which the given figure is embedded (rotation is NOT allowed).
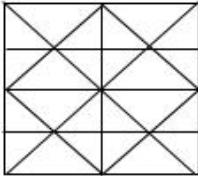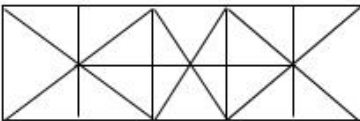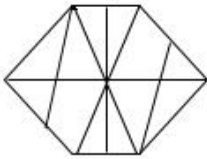
Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **6549788895**

Status : **Answered**

Chosen Option : **2**

Q.4 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K O _ M C L _ Q M C M O _ M _ N O Q _ C

Ans ✗ 1. M, O, Q, C, M

✔ 2. Q, O, Q, C, M

✗ 3. Q, O, C, Q, M

✗ 4. M, O, Q, C, O

Question ID : **6549787169**

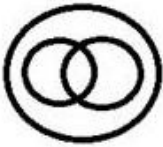Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

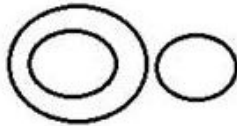**Q.5** Select the Venn diagram that best represents the relationship between the following classes.

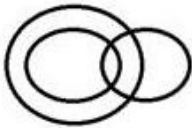Saturn, Planet, Cadmium

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

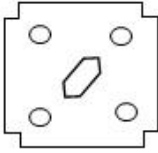Question ID : **6549787989**
Status : **Answered**
Chosen Option : **2**

Q.6 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?
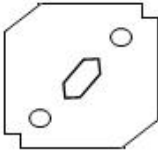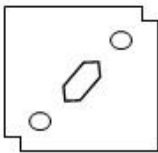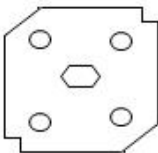

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **6549788896**

Status : **Answered**

Chosen Option : **2**

Q.7 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Speaker

✔ 2. Director

✗ 3. Minister

✗ 4. Mayor

Question ID : **6549788890**

Status : **Answered**

Chosen Option : **1**

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

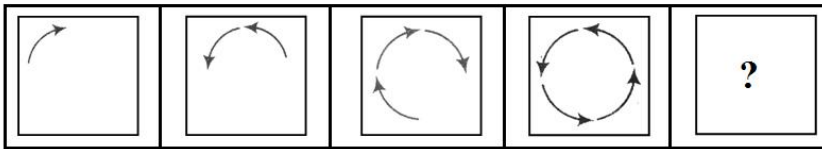**256 : 13 : : 676 : ?**

Ans ✅ 1. 23

❌ 2. 24

❌ 3. 26

❌ 4. 25

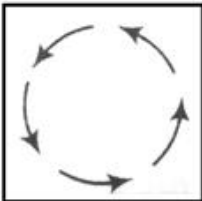Question ID : **6549787967**

Status : **Answered**

Chosen Option : **1**

Q.9 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

❌ 1.

❌ 2.

✅ 3.

❌ 4.
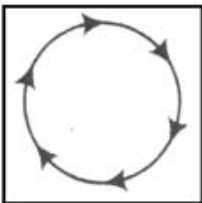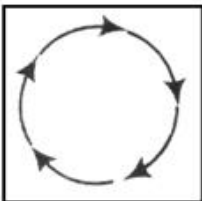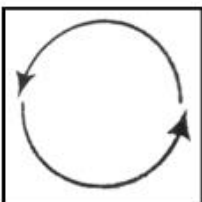
Question ID : **6549787984**

Status : **Answered**

Chosen Option : **1**

Q.10 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
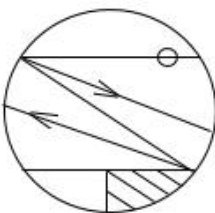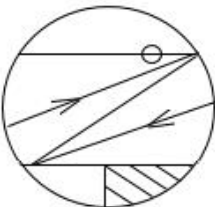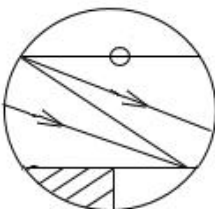
Question ID : **6549788897**

Status : **Answered**

Chosen Option : **1**

Q.11 In a certain code language, REFUSAL is coded as 100 and SHORTEN is coded as 83.
How will INERTIA be coded in that language?

Ans ✔ 1. 106

✘ 2. 150

✘ 3. 105

✘ 4. 160

Question ID : **6549787974**

Status : **Not Answered**

Chosen Option : **--**

Q.12 Which two signs should be interchanged to make the following equation correct?

14 + 12 × 18 ÷ 6 − 12 = 6

Ans ✗ 1. − and +

✗ 2. ÷ and −

✔ 3. ÷ and ×

✗ 4. × and +

Question ID : **6549788875**
Status : **Answered**
Chosen Option : **3**

Q.13 Find the number of triangles in the given figure.
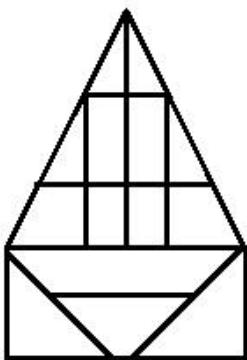
Ans ✗ 1. 16

✗ 2. 17

✔ 3. 15

✗ 4. 14

Question ID : **6549787985**
Status : **Answered**
Chosen Option : **4**

Q.14 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters will be on opposite sides?

```
        M
    N   R
        Q   P
        O
```
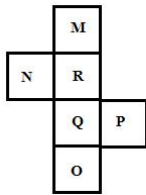
Ans ✗ 1. N and Q

✗ 2. M and P

✗ 3. Q and P

✔ 4. R and O

Question ID : **6549787983**

Status : **Answered**

Chosen Option : **4**

Q.15 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 men are athletes.
No athlete is a singer.
All singers are dancers.

Conclusions:
I. No dancer is an athlete.
II. Some singers are men.
III. Some men are dancers.

Ans ✗ 1. Only conclusion II follows .

✔ 2. None of the conclusions follow .

✗ 3. Only conclusion I follows.

✗ 4. Only conclusions II and III follow .

Question ID : **6549788891**

Status : **Answered**

Chosen Option : **2**

Q.16 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different.

Ans ✗ 1. 127

✔ 2. 1049

✗ 3. 255

✗ 4. 4095

Question ID : **6549787971**

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

Chosen Option : **--**

Q.17 In a certain code language, ROCKET is written as BNQSDJ. How will NOTICE be written in that language?

Ans ✘ 1. SPMFBJ

✘ 2. NMHSDB

✔ 3. SNMDBH

✘ 4. UPOFDJ

Question ID : **6549788882**

Status : **Not Answered**

Chosen Option : **--**

Q.18 From the given options choose the one in which the set of numbers do not follow the same Logic/Rule/Relation as the numbers given in below set.

(12, 36, 132)

Ans ✘ 1. (22, 66, 242)

✘ 2. (15, 45, 165)

✔ 3. (18, 54, 196)

✘ 4. (19, 57, 209)

Question ID : **6549787969**

Status : **Answered**

Chosen Option : **3**

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.

1, 2, 6, 21, ?, 445

Ans ✘ 1. 66

✔ 2. 88

✘ 3. 44

✘ 4. 94

Question ID : **6549788879**

Status : **Answered**

Chosen Option : **2**

Q.20 Select the option in which the numbers are related in the same way as are the numbers of the following set.

{22, 17, 31}

Ans ✘ 1. {14, 8, 23}

✔ 2. {31, 26, 40}

✘ 3. {18, 23, 27}

✘ 4. {16, 9, 25}

Question ID : **6549788877**

Status : **Answered**

Chosen Option : **2**

Q.21 जिस प्रकार 'युद्ध', 'विनाश' से संबंधित है, ठीक उसी प्रकार 'चक्रवात', '_____' से संबंधित है।

Ans   ✗ 1. तूफान

       ✓ 2. तबाही

       ✗ 3. आंधी

       ✗ 4. हवा

Question ID : **6549788885**

Status : **Answered**

Chosen Option : **2**

Q.22 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.

MORV : NJGE : : DGKP : ?

Ans   ✗ 1. ZVSQ

       ✗ 2. PLIG

       ✓ 3. WRNK

       ✗ 4. WTPK

Question ID : **6549788884**

Status : **Answered**

Chosen Option : **3**

Q.23 उस विकल्प का चयन करें, जिसमें शब्द ठीक उसी प्रकार संबंधित हैं, जिस प्रकार दिए गए शब्द युग्म के
शब्द संबंधित हैं।

स्वेटर : ऊन

Ans   ✗ 1. लुगदी : थैला

       ✓ 2. प्रिज्म : कांच

       ✗ 3. कपड़ा : अयस्क

       ✗ 4. लिनन : लेटेक्स

Question ID : **6549787979**

Status : **Answered**

Chosen Option : **2**

Q.24 चार अक्षर-समूह दिए गए हैं, जिनमें से तीन किसी प्रकार समान हैं और एक भिन्न है। भिन्न अक्षर-समूह
का चयन करें।

Ans   ✗ 1. TPRL

       ✓ 2. SNPJ

       ✗ 3. HDFZ

       ✗ 4. FBDX

Question ID : **6549787980**

Status : **Answered**

Chosen Option : **2**

Q.25 An online entrance exam was conducted in 250 centres all over a country. The average number of applicants per centre was found to be 1250. However, it was later realised that in one centre, the number of applicants was counted as 1758 instead of 1658. What was the correct average number of applicants per centre?

Ans ✗ 1. 1492.6

✓ 2. 1249.6

✗ 3. 1429.6

✗ 4. 1294.6

Question ID : **6549787965**

Status : **Answered**

Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 Study the given bar graph and answer the question that follows.
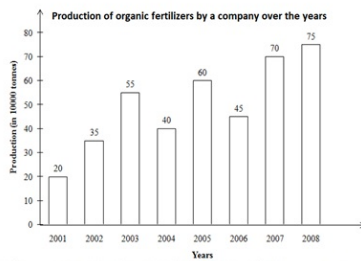
The average production in 2002 and 2003 was exactly equal to the average production in which of the following pairs of years?

Ans ✓ 1. 2001 and 2007

✗ 2. 2003 and 2006

✗ 3. 2006 and 2008

✗ 4. 2004 and 2007

Question ID : **6549789326**

Status : **Answered**

Chosen Option : **1**

Q.2 A shopkeeper bought 40 dozen eggs at ₹1.40 each. 80 eggs were broken in transportation. He sold the remaining eggs at ₹1.60 each. What is his profit or loss per cent?

Ans ✗ 1. Profit, $4\frac{16}{21}$

✗ 2. Loss, $3\frac{19}{27}$

✗ 3. Profit, $3\frac{19}{27}$

✓ 4. Loss, $4\frac{16}{21}$

Question ID : **6549788905**

Status : **Answered**

Chosen Option : **4**

Q.3 If $\tan A = \frac{1.1}{6}$, then what is the value of $(4\cos A - 7\sin A)$? Given that A is an acute angle.

Ans

   ✗ 1. $2\frac{14}{61}$

   ✗ 2. $2\frac{41}{71}$

   ✓ 3. $2\frac{41}{61}$

   ✗ 4. $2\frac{14}{71}$

Question ID : **6549788917**

Status : **Answered**

Chosen Option : **3**

Q.4 A straight vertical pole was broken during a cyclone in such a way that its top touched the ground at a distance of $6\sqrt{3}$ m from the bottom of the pole and made an angle of 30° with the horizontal. What was the height (in m) of the pole?

Ans

   ✗ 1. 12

   ✓ 2. 18

   ✗ 3. $12\sqrt{3}$

   ✗ 4. $18\sqrt{3}$

Question ID : **6549788919**

Status : **Answered**

Chosen Option : **2**

Q.5 A solution contains acid and water in the ratio of 4 : 5. If 20% of the solution is replaced by water, then what will be the ratio of acid and water in the new solution?

Ans

   ✓ 1. $16 : 29$

   ✗ 2. $10 : 7$

   ✗ 3. $5 : 17$

   ✗ 4. $8 : 15$

Question ID : **6549787997**

Status : **Answered**

Chosen Option : **1**

Q.6

The value of $\dfrac{96 \div 16 \text{ of } 2 - 128 \times 2 \div 32 + 15 \text{ of } 4}{\frac{5}{6} \text{ of } \frac{2}{3}\left(\frac{1}{3} - \frac{1}{4} - \frac{1}{6}\right)}$ is:

Ans

  ✅ 1. 396

  ❌ 2. $\dfrac{55}{36}$

  ❌ 3. $-\dfrac{5}{36}$

  ❌ 4. 216

Question ID : **6549788916**

Status : **Answered**

Chosen Option : **1**

Q.7 Study the given bar graph and answer the question that follows.

The given bar graph represents the Sales Turnover (in ₹ crore) of five automobile companies A, B, C, D and E during 2014-2015 and 2015-2016. The X-axis represents the Companies, and the Y-axis shows the Sales Turnover (in ₹ crore).

(The data shown here is only for mathematical exercise. They do not represent the actual figures of the company.)

Sales Turnover of Five Automobile Companies (in Rs. crores) during 2014-2015 and 2015-2016
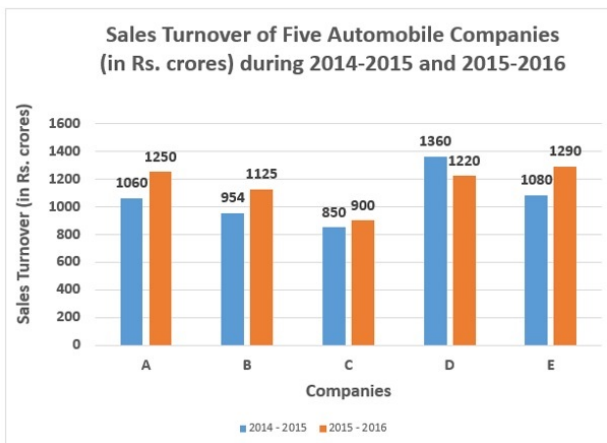
Which two companies have the same percentage increase in the sales turnover from 2014-2015 to 2015-2016?

Ans

  ✅ 1. A and B

  ❌ 2. B and C

  ❌ 3. A and D

  ❌ 4. B and E

Question ID : **6549788920**

Status : **Answered**

Chosen Option : **1**

Q.8 $ABCD$ is a cyclic quadrilateral with AB as a diameter of the circle. If $\angle ADC = 118°$, then the measure (in degrees) of $\angle BAC$ is:

Ans ✗ 1. 22

    ✔ 2. 28

    ✗ 3. 38

    ✗ 4. 32

> Question ID : **6549787999**
> Status : **Answered**
> Chosen Option : **2**

Q.9 Study the given table and answer the question that follows.

The table shows the annual consumption (in hundred tonnes) of tea in five states (A, B, C, D and E) across six years (2014 to 2019).

State Year	A	B	C	D	E
2014	112	130	136	105	117
2015	122	138	150	140	120
2016	124	134	142	144	132
2017	132	154	198	149	133
2018	135	148	187	151	145
2019	153	136	198	150	187

The consumption of tea in which state and year is closest to the average consumption of tea in State A over six years?

Ans ✗ 1. E in 2019

    ✗ 2. C in 2016

    ✗ 3. D in 2018

    ✔ 4. B in 2014

> Question ID : **6549787103**
> Status : **Answered**
> Chosen Option : **4**

Q.10 In a survey it was found that in a constituency, 55% of voters are male and the rest are female. 40% of the male voters are literate and $33\frac{1}{3}$% of the female voters are illiterate. What percentage of the voters are literate?

Ans ✔ 1. 52%

    ✗ 2. 48%

    ✗ 3. 54%

    ✗ 4. 37%

> Question ID : **6549787995**
> Status : **Answered**
> Chosen Option : **1**

Q.11 Given that $(2x + y)^3 - (x + 2y)^3 = (x - y)[A(x^2 + y^2) + Bxy]$, the value of $(2A - B)$ is:

Ans   ✗ 1. 0

        ✗ 2. 7

        ✔ 3. 1

        ✗ 4. 6

Question ID : **6549788003**

Status : **Answered**

Chosen Option : **2**

Q.12 A and B can complete a work in 80 days and 96 days, respectively. They completed the work in 32 days with the help of C. How many days will C take to complete the entire work alone?

Ans   ✗ 1. 84

        ✗ 2. 92

        ✔ 3. 120

        ✗ 4. 108

Question ID : **6549788899**

Status : **Answered**

Chosen Option : **3**

Q.13 In $\triangle ABC$, $\angle B = 90°$, $AB = 8$ cm and $BC = 15$ cm. D is a point on BC such that AD bisects $\angle A$. The length (in cm) of BD is:

Ans   ✗ 1. 4.5

        ✔ 2. 4.8

        ✗ 3. 4.2

        ✗ 4. 3.6

Question ID : **6549788001**

Status : **Answered**

Chosen Option : **2**

Q.14 A sum of ₹2,432 amounts to ₹2,681.28 in 2 years at a certain rate per cent per annum, interest compounded yearly. What will be the simple interest (in ₹) on the same sum for $4\frac{3}{8}$ years at double the same rate?

Ans   ✗ 1. 1,276.80

        ✗ 2. 1,368

        ✗ 3. 1,094.40

        ✔ 4. 1,064

Question ID : **6549787998**

Status : **Answered**

Chosen Option : **1**

Q.15 Two sides of a triangle are 12.8 m and 9.6 m. If the height of the triangle is 12 m, corresponding to 9.6 m, then what is
its height (in m) corresponding to 12.8 m?

Ans ✘ 1. 8

✘ 2. 10

✔ 3. 9

✘ 4. 12

Question ID : **6549788911**

Status : **Answered**

Chosen Option : **3**

Q.16 A solid metallic cube of side 20 cm is melted and recast into a cuboid of length 40 cm and breadth 40 cm. What is the
length (in cm) of the body diagonal of the cuboid?

Ans ✘ 1. $15\sqrt{43}$

✘ 2. $43\sqrt{15}$

✘ 3. $129\sqrt{5}$

✔ 4. $5\sqrt{129}$

Question ID : **6549788901**

Status : **Answered**

Chosen Option : **4**

Q.17 If $x^4 - 142x^2 + 1 = 0$, then the value of $x^3 + \dfrac{1}{x^3}$ is:

Ans ✘ 1. 1592

✔ 2. 1692

✘ 3. 1952

✘ 4. 1962

Question ID : **6549788913**

Status : **Answered**

Chosen Option : **2**

Q.18 A wire is bent to form a square of area 169 cm^2. If the same wire is bent to form a circle, then what is its area (in cm^2,
to the nearest whole number)?

Take $\pi = \dfrac{22}{7}$

Ans ✘ 1. 531

✘ 2. 227

✘ 3. 532

✔ 4. 215

Question ID : **6549788909**

Status : **Answered**

Chosen Option : **4**

Q.19 If a number is divisible by 624, the remainder will be 53. If the same number is divisible by 16, then the remainder will be:

Ans ✔ 1. 5

✘ 2. 4

✘ 3. 7

✘ 4. 6

Question ID : **6549788006**

Status : **Answered**

Chosen Option : **1**

Q.20

$$\text{If } 0° < \theta < 90°, \text{ then } \quad \frac{(1-\sin\theta)(\sec\theta+\tan\theta)\tan\theta}{(\tan\theta+\sec\theta+1)(\cot\theta-\csc\theta+1)} = \text{?}$$

Ans ✘ 1. $\cos\theta$

✘ 2. $\dfrac{\cos\theta}{2}$

✘ 3. $\sin\theta$

✔ 4. $\dfrac{\sin\theta}{2}$

Question ID : **6549788009**

Status : **Not Answered**

Chosen Option : **--**

Q.21 The marked price of an article is ₹1,000. After two successive discounts, it is sold for ₹600. If the first discount is x%, and the second discount is 25%, then what is the value of x?

Ans ✘ 1. 18%

✘ 2. 12%

✔ 3. 20%

✘ 4. 25%

Question ID : **6549788903**

Status : **Answered**

Chosen Option : **3**

Q.22 The average age of 125 students in a group is 16.2 years. 40% of the students are boys and the rest are girls. The average age of the boys is 20% more than the average age of the girls. What is the average age (in years) of the boys?

Ans ✘ 1. 18.5

✔ 2. 18

✘ 3. 17.5

✘ 4. 17

Question ID : **6549787993**

Status : **Answered**

Chosen Option : **2**

Q.23 Train A takes $1\frac{4}{5}$ h more than the time taken by train B to cover a distance of 360 km. If the speed of train A doubles, it will take 36 min less than the time taken by train B to travel the same distance. What is the speed (in km/h) of train B?

Ans ✗ 1. 100

✗ 2. 96

✗ 3. 90

✓ 4. 120

Question ID : **6549787991**

Status : **Marked For Review**

Chosen Option : **4**

Q.24 Study the given graph and answer the question that follows.

Production and Export of sugar (in million kg) by country ABC during 2014 to 2019
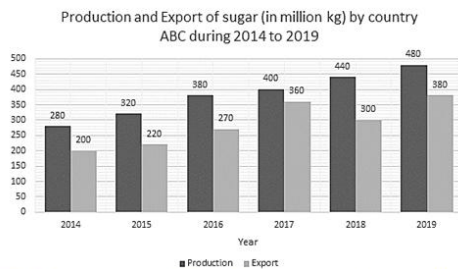
By what percentage is 80% of the total export of sugar in 2016, 2017 and 2019 more than the total production in 2015 and 2018 (correct to one decimal place)?

Ans ✗ 1. 5.9%

✓ 2. 6.3%

✗ 3. 7.7%

✗ 4. 8.4%

Question ID : **6549788014**

Status : **Answered**

Chosen Option : **2**

Q.25 If $a^2 + b^2 = 25$, $x^2 + y^2 = 17$ and $ax + by = 8$, then what is the value of $(ay - bx)$?

Ans ✗ 1. 25

✗ 2. 21

✓ 3. 19

✗ 4. 33

Question ID : **6549788914**

Status : **Answered**

Chosen Option : **1**

Section : **General Awareness**

Q.1 In which state is India's least densely populated district Dibang Valley located as per Census 2011?

Ans
❌ 1. Telangana

✔️ 2. Arunachal Pradesh

❌ 3. Himachal Pradesh

❌ 4. Nagaland

Question ID : **6549788936**

Status : **Answered**

Chosen Option : **2**

Q.2 Who among the following was a leader who led a revolt against the British rule from North East India?

Ans
✔️ 1. Rani Gaidinliu

❌ 2. Pritilata Waddedar

❌ 3. Matangini Hazra

❌ 4. Durgawati Devi

Question ID : **6549788940**

Status : **Not Answered**

Chosen Option : **--**

Q.3 What is another name for the disorder called 'parasomnia'?

Ans
✔️ 1. Sleepwalking

❌ 2. Stammering

❌ 3. Sea sickness

❌ 4. Night blindness

Question ID : **6549788935**

Status : **Answered**

Chosen Option : **1**

Q.4 Wavel Ramkalawan, an Indian origin has been elected as the President of which of the following countries?

Ans
❌ 1. Bahrain

✔️ 2. Seychelles

❌ 3. Myanmar

❌ 4. Cuba

Question ID : **6549788034**

Status : **Answered**

Chosen Option : **2**

Q.5 Who among the following was the winner of the Senior National Billiards Championship 2020?

Ans ✗ 1. Aditya Mehta

✗ 2. Sourav Kothari

✓ 3. Pankaj Advani

✗ 4. Rupesh Shah

Question ID : **6549788947**

Status : **Answered**

Chosen Option : **3**

Q.6 In which of the following years was the Council of States (Rajya Sabha) first constituted?

Ans ✓ 1. 1952

✗ 2. 1954

✗ 3. 1949

✗ 4. 1950

Question ID : **6549788035**

Status : **Answered**

Chosen Option : **1**

Q.7 In which of the following cities is the headquarters of All India Chess Federation situated?

Ans ✗ 1. Hyderabad

✗ 2. Bengaluru

✓ 3. Chennai

✗ 4. Mumbai

Question ID : **6549788037**

Status : **Answered**

Chosen Option : **3**

Q.8 Which of the following is a pointing device used to move an object on the screen of a computer in any direction?

Ans ✓ 1. Joystick

✗ 2. Server

✗ 3. Floptical

✗ 4. Modem

Question ID : **6549788925**

Status : **Answered**

Chosen Option : **1**

Q.9 In which of the following years was the Diwani of Bengal transferred to the East India Company?

Ans
❌ 1. 1678

❌ 2. 1880

✅ 3. 1765

❌ 4. 1554

Question ID : **6549788032**

Status : **Answered**

Chosen Option : **3**

Q.10 As of May 2020, who among the following has become the world's highest paid female athlete according to Forbes magazine report?

Ans
❌ 1. Sania Mirza

❌ 2. Venus Williams

❌ 3. Serena Williams

✅ 4. Naomi Osaka

Question ID : **6549788039**

Status : **Answered**

Chosen Option : **3**

Q.11 Which Indian actor got the Best Actor Award at Indo-German Film Week in 2020?

Ans
❌ 1. R Madhavan

❌ 2. Amole Gupte

❌ 3. Pankaj Tripathi

✅ 4. Adil Hussain

Question ID : **6549788942**

Status : **Not Answered**

Chosen Option : **--**

Q.12 Who among the following has launched the Global Pravasi Rishta portal and mobile app, to connect with Indian Diaspora across the world?

Ans
✅ 1. V Muraleedharan

❌ 2. Amit Shah

❌ 3. Harsh Vardhan

❌ 4. S Jayashankar

Question ID : **6549788020**

Status : **Answered**

Chosen Option : **4**

Q.13 _____ is the easy way to check your favourite websites for updates without having to visit them all.

Ans
✗ 1. PDF

✗ 2. URI

✔ 3. RSS

✗ 4. HTML

Question ID : **6549788015**

Status : **Answered**

Chosen Option : **2**

Q.14 Tso Kar wetland has been included in Ramsar Site in December 2020. In which of the following states or union territories is it located?

Ans
✗ 1. Lakshadweep

✗ 2. Goa

✔ 3. Ladakh

✗ 4. Kerala

Question ID : **6549788030**

Status : **Answered**

Chosen Option : **3**

Q.15 How many bones are there in the human hand?

Ans
✗ 1. 17

✗ 2. 21

✔ 3. 27

✗ 4. 14

Question ID : **6549788933**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Which of the following is responsible for producing green light in fireworks?

Ans
✗ 1. Sodium

✗ 2. Potassium

✔ 3. Barium

✗ 4. Silicon

Question ID : **6549788025**

Status : **Answered**

Chosen Option : **3**

Q.17 Which economic thought talks about methodological individualism, or the idea that people will act in meaningful ways which can be analysed?

Ans ✘ 1. Washington consensus

✘ 2. Keynesian theory

✔ 3. Austrian economic thought

✘ 4. Monetarist

Question ID : **6549788932**

Status : **Not Answered**

Chosen Option : **--**

Q.18 On which river is the Peacock Island located?

Ans ✘ 1. Yamuna

✘ 2. Mahanadi

✔ 3. Brahmaputra

✘ 4. Ganga

Question ID : **6549788937**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Hoysaleswara Temple is located in which of the following states?

Ans ✔ 1. Karnataka

✘ 2. West Bengal

✘ 3. Odisha

✘ 4. Tamil Nadu

Question ID : **6549788017**

Status : **Answered**

Chosen Option : **4**

Q.20 Indian-origin global health expert _____ was appointed as the first Chief Executive Officer of The WHO Foundation in 2020.

Ans ✘ 1. Deepak Chopra

✔ 2. Anil Soni

✘ 3. Aseem Malhotra

✘ 4. JS Bamrah

Question ID : **6549788930**

Status : **Answered**

Chosen Option : **2**

Q.21 How many members are nominated by the President in the Rajya Sabha?

Ans ✗ 1. 14

✗ 2. 7

✓ 3. 12

✗ 4. 9

Question ID : **6549788945**

Status : **Answered**

Chosen Option : **3**

Q.22 In which of the following Tiger Reserves of India, is its first hot air balloon wildlife safari launched in December 2020?

Ans ✗ 1. Manas Tiger Reserve

✗ 2. Buxa Tiger Reserve

✗ 3. Jim Corbett Tiger Reserve

✓ 4. Bandhavgarh Tiger Reserve

Question ID : **6549788019**

Status : **Answered**

Chosen Option : **4**

Q.23 Who among the following is the President of FICCI (Federation of Indian Chambers of Commerce and Industry) for the year 2020-21?

Ans ✗ 1. Sangita Reddy

✗ 2. Sandip Somany

✗ 3. Rashesh Shah

✓ 4. Uday Shankar

Question ID : **6549788022**

Status : **Answered**

Chosen Option : **1**

Q.24 Which of the following is a dance form in Mizoram participated exclusively by 'village guests'?

Ans ✗ 1. Cheraw

✓ 2. Khuallam

✗ 3. Chailam

✗ 4. Solakia

Question ID : **6549788927**

Status : **Answered**

Chosen Option : **1**

Q.25 **Alaknanda river originates from _____ and Bhagirathi Kharak glacier.**

Ans ✗ 1. Gangotri

✗ 2. Zemu

✓ 3. Satopanth

✗ 4. Pindari

Question ID : **6549788029**
Status : **Answered**
Chosen Option : **3**