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Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 **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'.**

Did you do <u>what I telling you</u> to do yesterday?

Ans

✔ 1. what I told you

✘ 2. that I am telling you

✘ 3. No improvement

✘ 4. what I have told you

Question ID : **6549787851**
Status : **Answered**
Chosen Option : **1**

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

Unable to check her _____, Alice ran after the rabbit down the rabbit hole.

Ans

✘ 1. nervousness

✘ 2. pleasure

✘ 3. wisdom

✔ 4. curiosity

Question ID : **6549787862**
Status : **Answered**
Chosen Option : **4**

Q.3 **Fill in the blank with most appropriate word.**

Thunder and lightning was _____ with heavy rain.

Ans

✘ 1. accrued

✘ 2. accorded

✔ 3. accompanied

✘ 4. accustomed

Question ID : **6549789479**
Status : **Answered**
Chosen Option : **3**

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Q.4 **Select the most appropriate antonym of the given word.**

MORBID

Ans
- ✗ 1. horrid
- ✓ 2. cheerful
- ✗ 3. gloomy
- ✗ 4. cruel

Question ID : **6549789469**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the correct passive form of the given sentence.**

Mary Kom has won numerous boxing championships.

Ans
- ✗ 1. Numerous boxing championships are being won by Mary Kom.
- ✓ 2. Numerous boxing championships have been won by Mary Kom.
- ✗ 3. Numerous boxing championships were won by Mary Kom.
- ✗ 4. Numerous boxing championships had been won by Mary Kom.

Question ID : **6549789454**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the correct indirect form of the given sentence.**

My brother said to me, "Have you read the newspaper today?"

Ans
- ✗ 1. My brother asked me if you have read the newspaper today.
- ✗ 2. My brother asked me if I had read the newspaper today.
- ✓ 3. My brother asked me if I had read the newspaper that day.
- ✗ 4. My brother asked me have you read the newspaper today.

Question ID : **6549787839**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate ANTONYM of the given word.**

AVOID

Ans
- ✓ 1. Meet
- ✗ 2. Avert
- ✗ 3. Bypass
- ✗ 4. Dodge

Question ID : **6549787852**
Status : **Answered**
Chosen Option : **1**

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Q.8 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.**

The interview will be conducted by 9 a.m. till 11 a.m.

Ans

✗ 1. No substitution

✗ 2. during 9 a.m. till 11 a.m.

✓ 3. from 9 a.m. to 11 a.m.

✗ 4. from 9 a.m. until 11 a.m.

Question ID : **6549789466**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the most appropriate synonym of the given word.**

ANTICIPATE

Ans

✗ 1. Prefer

✗ 2. Accept

✓ 3. Expect

✗ 4. Doubt

Question ID : **6549787860**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the misspelt word.**

Ans

✓ 1. strugle

✗ 2. propel

✗ 3. fulfil

✗ 4. several

Question ID : **6549789472**
Status : **Answered**
Chosen Option : **3**

Q.11 **Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.**

A. The town of Lustenau in Austria claims to have built a world record-breaking bonfire.
B. The structure took three months to build but collapsed in less than half an hour last Saturday evening.
C. Embers from the big fire fell onto nearby market traders, but local fire crews were on hand to make sure that everyone was safe.
D. According to the organizers, the pyre reached as high as 60 meters.

Ans

✗ 1. ABCD

✓ 2. ADBC

✗ 3. ACBD

✗ 4. ABDC

Question ID : **6549787848**
Status : **Answered**
Chosen Option : **1**

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Q.12 **In the given sentence, identify the segment which contains a grammatical error.**

Please refrain to going out without a face mask.

Ans

✗ 1. without a

✗ 2. going out

✓ 3. Please refrain to

✗ 4. face mask

Question ID : **6549789457**
Status : **Answered**
Chosen Option : **3**

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

An institution for the care of people who are mentally ill

Ans

✓ 1. Asylum

✗ 2. Sanatorium

✗ 3. Dormitory

✗ 4. Infirmary

Question ID : **6549787859**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the most appropriate one-word substitution for the given words.**

one who investigates and solves crimes

Ans

✗ 1. lawyer

✗ 2. criminal

✓ 3. detective

✗ 4. journalist

Question ID : **6549789474**
Status : **Answered**
Chosen Option : **3**

Q.15 **In the given sentence identify the segment which contains the grammatical error.**

Vincent Jonson, a musician, are going to lead an 80-man naval band in the Republic Day Parade this year.

Ans

✓ 1. are going to lead

✗ 2. an 80-man naval band

✗ 3. Vincent Jonson, a musician

✗ 4. in the Republic Day Parade this year

Question ID : **6549787840**
Status : **Answered**
Chosen Option : **1**

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Q.16 **Given below are four sentences in jumbled order. Select the option that gives their correct order.**

A. He seemed to remain that high for nearly two years.
B. Kari, the elephant was five months old when he was given to me to take care of.
C. We grew together, that is probably why I never found out just how tall he was.
D. I was nine years old and I could reach his back if I stood on tiptoe.

Ans
✔ 1. BDAC
✘ 2. BCAD
✘ 3. ADCB
✘ 4. DBCA

Question ID : **6549789465**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the INCORRECTLY spelt word.**

Ans
✘ 1. Location
✘ 2. Education
✘ 3. Meditation
✔ 4. Avertion

Question ID : **6549787857**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate meaning of the given idiom.**

Full of beans

Ans
✔ 1. Happy and energetic
✘ 2. Sad and dull
✘ 3. Being foolish
✘ 4. Have crazy ideas

Question ID : **6549787854**
Status : **Answered**
Chosen Option : **4**

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

JEOPARDY

Ans
✔ 1. peril
✘ 2. destiny
✘ 3. safety
✘ 4. fortune

Question ID : **6549789477**
Status : **Answered**
Chosen Option : **1**

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Q.20 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

Their marriage wasn't working but they <u>kept up appearances</u>.

Ans

✔ 1. maintained an expression of well being

✘ 2. maintained peace and harmony

✘ 3. kept throwing parties

✘ 4. revealed the truth

Question ID : **6549789471**
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 number.

Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) _____ villa. He was staring at the evening sky (2) _____ the open window. It was already (3) _____ and it was very windy. He (4) _____ the dark clouds and felt a little (5) _____ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in the blank no. 1.**

Ans

✘ 1. specific

✘ 2. spreading

✘ 3. spiral

✔ 4. spacious

Question ID : **6549789459**
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 number.

Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) _____ villa. He was staring at the evening sky (2) _____ the open window. It was already (3) _____ and it was very windy. He (4) _____ the dark clouds and felt a little (5) _____ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in the blank no. 2.**

Ans

✘ 1. with

✘ 2. among

✘ 3. between

✔ 4. through

Question ID : **6549789460**
Status : **Answered**
Chosen Option : **4**

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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 number.

Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) _____ villa. He was staring at the evening sky (2) _____ the open window. It was already (3) _____ and it was very windy. He (4) _____ the dark clouds and felt a little (5) _____ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in the blank no. 3.

Ans

✔ 1. dusk

✘ 2. noon

✘ 3. morning

✘ 4. dawn

Question ID : **6549789461**
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 number.

Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) _____ villa. He was staring at the evening sky (2) _____ the open window. It was already (3) _____ and it was very windy. He (4) _____ the dark clouds and felt a little (5) _____ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in the blank no. 4.

Ans

✘ 1. glanced

✘ 2. peered

✘ 3. stared

✔ 4. observed

Question ID : **6549789462**
Status : **Answered**
Chosen Option : **4**

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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 number.

Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) _____ villa. He was staring at the evening sky (2) _____ the open window. It was already (3) _____ and it was very windy. He (4) _____ the dark clouds and felt a little (5) _____ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in the blank no. 5.

Ans

✔ 1. pensive

✘ 2. innocent

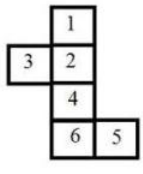
✘ 3. attentive

✘ 4. delighted

Question ID : **6549789463**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers will be on opposite sides?



Ans

✘ 1. 2 and 3

✘ 2. 1 and 6

✔ 3. 3 and 5

✘ 4. 1 and 2

Question ID : **6549787882**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that is related to the third term in the same way as the second term is related to the first term.

Healthy Diet : Tiredness :: Carefulness : ?

Ans

✘ 1. Activeness

✘ 2. Satisfied

✔ 3. Accident

✘ 4. Successful

Question ID : **6549789491**
Status : **Answered**
Chosen Option : **3**

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Q.3 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Indiscipline
2. Indetermination
3. Indelicate
4. Indictable
5. Independent

Ans

✔ 1. 3, 5, 2, 4, 1

✘ 2. 2, 3, 5, 1, 4

✘ 3. 2, 3, 5, 4, 1

✘ 4. 3, 2, 5, 1, 4

Question ID : **6549787871**
Status : **Answered**
Chosen Option : **1**

Q.4 **In a code language, LANCER is written as NALREC. How will NORWAY be written in that language?**

Ans

✔ 1. RONYAW

✘ 2. YAWRON

✘ 3. YAWNOR

✘ 4. RNOYAW

Question ID : **6549789488**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the number that can replace the question mark (?) in the following series.**

46, 47, 94, 97, 388, ?

Ans

✘ 1. 398

✔ 2. 393

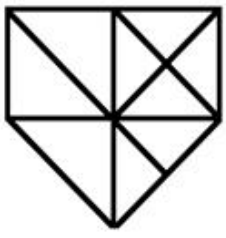
✘ 3. 419

✘ 4. 411

Question ID : **6549789485**
Status : **Answered**
Chosen Option : **2**

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Q.6 Find the number of triangles in the given figure.



Ans
1. 17
2. 19
3. 15
4. 13

Question ID : **6549787884**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.**

_ k l _ l j _ j k j _ l _ l j

Ans
1. j l k l k
2. k j l l k
3. l k l j k
4. j k l k k

Question ID : **6549787068**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the option in which the words share the same relationship as that shared by the given pair of words.**

Sheep : Lamb

Ans
1. Leopard : Larva
2. Cow : Calf
3. Crow : Cub
4. Panda : Infant

Question ID : **6549787878**
Status : **Answered**
Chosen Option : **2**

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Q.9 Select the option figure which is embedded in figure X as its part (rotation is NOT allowed).



Figure X

Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **6549789501**
Status : **Answered**
Chosen Option : **4**

Q.10 **Which two numbers should be interchanged to make the given equation correct?**

64 + 36 ÷ 3 × 9 – 32 = 44

Ans

✓ 1. 3 and 9

✗ 2. 32 and 36

✗ 3. 64 and 36

✗ 4. 9 and 64

Question ID : **6549789481**
Status : **Answered**
Chosen Option : **1**

Q.11 **Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.**

Ans

✗ 1. WBYT

✗ 2. YDWR

✓ 3. MRGB

✗ 4. CHSN

Question ID : **6549787879**
Status : **Answered**
Chosen Option : **3**

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Q.12 In a certain code language, GATHER is coded as 107 and HONOUR is coded as 74. How will HEAVEN be coded in that language?

Ans
- ✗ 1. 131
- ✗ 2. 101
- ✓ 3. 110
- ✗ 4. 113

Question ID : **6549787873**
Status : **Answered**
Chosen Option : **3**

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.

364 : 183 : : 462 : ?

Ans
- ✗ 1. 297
- ✗ 2. 279
- ✓ 3. 232
- ✗ 4. 223

Question ID : **6549787866**
Status : **Answered**
Chosen Option : **3**

Q.14 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. 1587
- ✓ 2. 3462
- ✗ 3. 1273
- ✗ 4. 5789

Question ID : **6549787870**
Status : **Answered**
Chosen Option : **2**

Q.15 Three of the following four words are alike in a certain way and one is different. Select the odd one.

Ans
- ✗ 1. Newspaper
- ✗ 2. Magazine
- ✓ 3. Publisher
- ✗ 4. Book

Question ID : **6549789496**
Status : **Answered**
Chosen Option : **3**

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Q.16 **Ranjan in his ODI Cricket career, scored 15 runs on an average in 10 matches. If he scored 14 runs on an average in the first 4 matches and 12 runs on an average in the last 4 matches, then find the average of the runs scored by him in the remaining 2 matches.**

Ans

✗ 1. 24

✓ 2. 23

✗ 3. 25

✗ 4. 22

Question ID : **6549787864**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the correct water image of the given letter-cluster.

E D Z M K A

Ans

✗ 1. E D Σ M K ∀

✓ 2. E D Σ W K ∀

✗ 3. Ǝ D Z W K ∀

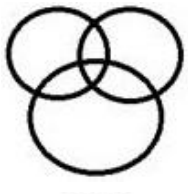
✗ 4. E D Σ W K A

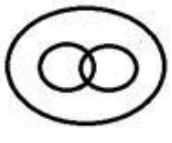
Question ID : **6549789503**
Status : **Answered**
Chosen Option : **2**

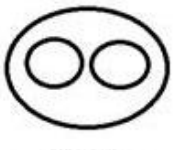
Q.18 Select the Venn diagram that best represents the relationship between the following classes.

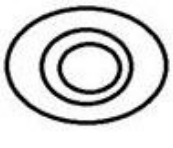
Ridge Gourd, Vegetables, Turnip

Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

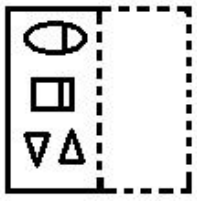
Question ID : **6549787888**
Status : **Answered**
Chosen Option : **3**

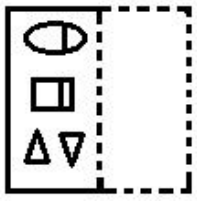
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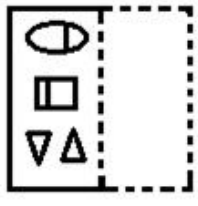
Q.19 A transparent sheet with a pattern is depicted in the given figure. Study the figure carefully and select the option that shows how the pattern would appear when the transparent sheet is folded at the dotted line.

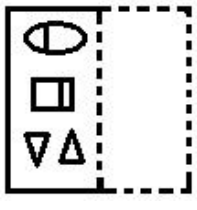


Ans

✔ 1.


✘ 2.


✘ 3.


✘ 4.


Question ID : **6549789502**
Status : **Answered**
Chosen Option : **1**

Q.20 **एक लड़के का परिचय देते हुए, लीला ने एना से कहा, "वह मेरे दादा-दादी के इकलौते बच्चे का इकलौता पुत्र है"। लड़का लीला से किस प्रकार संबंधित है?**

Ans

✘ 1. पिता

✘ 2. चाचा

✘ 3. चचेरा भाई

✔ 4. भाई

Question ID : **6549788685**
Status : **Answered**
Chosen Option : **4**

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Q.21 **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.**

PLMO : PNMQ : : UDMS : ?

Ans

1. RNEJ
2. TQFV
3. TNCA
4. TNEV ✓

Question ID : **6549789490**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **Select the option in which the numbers share the same relationship as that shared by the numbers of the given set.**

(277, 14, 9)

Ans

1. (364, 11, 12)
2. (123, 17, 8)
3. (313, 12, 13) ✓
4. (198, 15, 8)

Question ID : **6549789483**
Status : **Answered**
Chosen Option : **3**

Q.23 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

12 15 11
14 5 17
16 ? 19

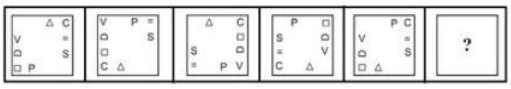
Ans

1. 9
2. 7 ✓
3. 5
4. 3

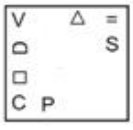
Question ID : **6549787868**
Status : **Not Answered**
Chosen Option : **--**

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Q.24 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 : **6549787883**
Status : **Answered**
Chosen Option : **1**

Q.25 **Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

Statements:
All roads are cycles.
No cycle is a car.

Conclusions:
I. Some cycles are roads.
II. No road is a car.
III. No car is a cycle.

Ans

✔ 1. All the conclusions follow

✘ 2. Only conclusions I and III follow

✘ 3. Only conclusions II and III follow

✘ 4. Only conclusions I and II follow

Question ID : **6549789497**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

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Q.1 A sum of ₹ x is divided among A, B and C such that the ratio of the shares of A and C is 8 : 7 and that of B and C is 3 : 2. If the difference between the shares of A and B is ₹240, then what is the value of x ?

Ans

1. 2544 ✗
2. 2580 ✗
3. 2490 ✗
4. 2448 ✓

Question ID : **6549787896**
Status : **Answered**
Chosen Option : **4**

Q.2 If a pair of shoes marked at ₹350 is offered at ₹308, then what will be the discount percentage?

Ans

1. 42% ✗
2. 13.6% ✗
3. 12% ✓
4. 14% ✗

Question ID : **6549789509**
Status : **Answered**
Chosen Option : **3**

Q.3 In $\triangle ABC$, AD is the bisector of $\angle A$ meeting BC at D. If $AB = 15$ cm, $BC = 10$ cm and the length of BD is 2 cm less than that of DC, then the length of AC is:

Ans

1. 18.5 cm ✗
2. 18 cm ✗
3. 16 cm ✗
4. 22.5 cm ✓

Question ID : **6549787900**
Status : **Answered**
Chosen Option : **4**

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Q.4 Simplify the following expression.

$$\frac{13\frac{7}{9}\div\frac{2}{3}\text{ of }\frac{1}{3}+\frac{2}{3}\times 3}{\frac{7}{5}\text{ of }325-20+7}.$$

Ans

1. ✗ $\frac{40}{1989}$
2. ✗ $\frac{31}{2210}$
3. ✓ $\frac{32}{221}$
4. ✗ $\frac{33}{217}$

Question ID : **6549789522**
Status : **Answered**
Chosen Option : **3**

Q.5 The value of $cosec(58°+\theta)-\sec(32°-\theta)+sin15°sin35°sec55°sin30°sec75°$ is:

Ans

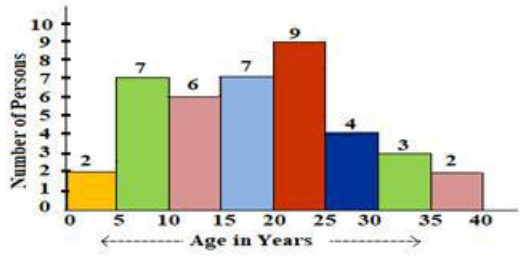
1. ✗ 1
2. ✗ 2
3. ✓ $\frac{1}{2}$
4. ✗ 0

Question ID : **6549787908**
Status : **Answered**
Chosen Option : **3**

PrepXpert

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.6 Some persons went on an outstation tour. The histogram shows their ages.



How many persons are less than 20 years of age?

Ans

✔ 1. 22

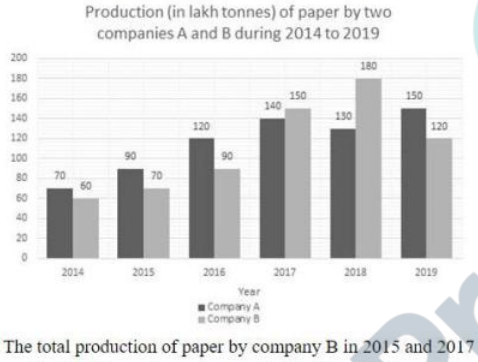
✘ 2. 31

✘ 3. 25

✘ 4. 18

Question ID : **6549789526**
Status : **Answered**
Chosen Option : **1**

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



The total production of paper by company B in 2015 and 2017 to 2019 was what percentage less than 90% of the total production of paper by company A in 2014 to 2019 (correct to one decimal place)?

Ans

✘ 1. 22.4%

✘ 2. 19.6%

✘ 3. 21.2%

✔ 4. 17.5%

Question ID : **6549787913**
Status : **Answered**
Chosen Option : **4**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.8 In ΔABC, D and E are points on AB and BC, respectively, such that DE is parallel to AC. If DE = 3 cm, AC = 5 cm and the area of trapezium ACED = 32 cm^2, then what will be the area of ΔBDE?

Ans

✗ 1. $\frac{144}{17}\ cm^2$

✗ 2. $\frac{48}{5}\ cm^2$

✗ 3. $16\ cm^2$

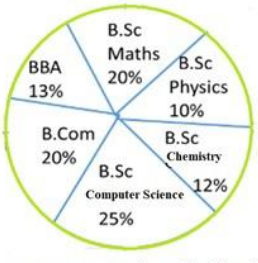
✓ 4. $18\ cm^2$

Question ID : **6549789517**
Status : **Answered**
Chosen Option : **4**

Q.9 Study the given pie chart and answer the question that follows.

Total number of students admitted in a college = 700.

Distribution of the percentage of students in various courses.



Percentage-wise distribution of the number of boys.

Course	Number of boys
B.Sc. Maths	40%
B.Sc. Physics	68%
B.Sc. Chemistry	58%
B.Sc. Computer Science	80%
B.Com.	75%
BBA	65%

The ratio of the total number of girls admitted in B.Sc. Maths to the total number of students admitted in B.Sc. Maths is:

Ans

✗ 1. 3 : 7

✗ 2. 4 : 7

✓ 3. 3 : 5

✗ 4. 2 : 5

Question ID : **6549789629**
Status : **Answered**
Chosen Option : **2**

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Q.10 In a circle with centre O and radius 6.5 cm, a chord AB is at a distance 2.5 cm from the centre. If tangents at A and B intersect at P, then find the distance of P from the centre.

Ans

✔ 1. 16.9 cm

✘ 2. 18 cm

✘ 3. 15 cm

✘ 4. 17 cm

Question ID : **6549789515**
Status : **Answered**
Chosen Option : **1**

Q.11 What is the compound interest (in ₹) on a sum of ₹46,000 for $2\frac{2}{5}$ years at 15% per annum, interest being compounded annually (nearest to a ₹)?

Ans

✘ 1. 18,458

✔ 2. 18,485

✘ 3. 19,485

✘ 4. 19,458

Question ID : **6549787897**
Status : **Answered**
Chosen Option : **3**

Q.12 If $\sqrt{x} + \frac{1}{\sqrt{x}} = 2\sqrt{3}$, then what will be the value of $x^4 + \frac{1}{x^4}$?

Ans

✘ 1. 10402

✘ 2. 9606

✔ 3. 9602

✘ 4. 10406

Question ID : **6549789519**
Status : **Answered**
Chosen Option : **3**

Q.13 If $3x - 2y + 3 = 0$, then what will be the value of $27x^3 + 54xy + 30 - 8y^3$?

Ans

✘ 1. -27

✘ 2. 57

✘ 3. -57

✔ 4. 3

Question ID : **6549789520**
Status : **Answered**
Chosen Option : **4**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.14 Chords AB and CD of a circle meet at point P (outside the circle), when produced. If $AB = 9$ cm, $PB = \frac{1}{3}AB$ and $CD = 5$ cm, then the length of PD (in cm) is:

Ans

✗ 1. 7
✗ 2. 6
✗ 3. 5
✓ 4. 4

Question ID : **6549787898**
Status : **Answered**
Chosen Option : **4**

Q.15 By selling an article for ₹3,150, a shopkeeper earns 5% profit. For how much money should he sell the article in order to gain 8%?

Ans

✓ 1. ₹3,240
✗ 2. ₹3,180
✗ 3. ₹3,200
✗ 4. ₹3,250

Question ID : **6549789511**
Status : **Answered**
Chosen Option : **1**

Q.16 Given that $3\sqrt{3}x^3 - 8y^3 = (\sqrt{3}x + Ay)(3x^2 + By^2 + Cxy)$, the value of $(A^2 + B^2 - C^2)$ is:

Ans

✗ 1. 4
✓ 2. 8
✗ 3. 12
✗ 4. 0

Question ID : **6549787902**
Status : **Answered**
Chosen Option : **2**

Q.17 A solid metallic sphere of radius 12 cm is melted and recast in the form of small spheres of radius 2 cm. How many small spheres are formed?

Ans

✗ 1. 24
✗ 2. 96
✗ 3. 864
✓ 4. 216

Question ID : **6549789507**
Status : **Answered**
Chosen Option : **4**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.18 A tap can fill a tank in 4 hours. Another tap can fill the same tank in 6 hours. If both the taps are opened at the same time, then in how much time will the empty tank be filled completely?

Ans

1. ✗ 2 h 30 min
2. ✓ 2 h 24 min
3. ✗ 3 h
4. ✗ 2 h

Question ID : **6549789505**
Status : **Answered**
Chosen Option : **2**

Q.19 If $tan3\theta = sin45^{\circ}.cos45^{\circ} + cos60^{\circ}$ and 3θ is an acute angle, then what will be the value of $sin4\theta$?

Ans

1. ✓ $\frac{\sqrt{3}}{2}$
2. ✗ $\frac{1}{\sqrt{2}}$
3. ✗ $\frac{1}{2}$
4. ✗ 1

Question ID : **6549789523**
Status : **Answered**
Chosen Option : **1**

Q.20 A boat can go 15 km downstream and 8 km upstream in 2 h. It can go 20 km downstream and 12 km upstream in 2 h 50 min. What is the speed (in km/h) of the boat while going downstream?

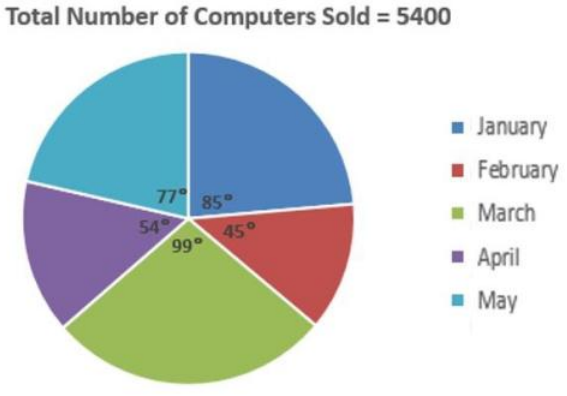
Ans

1. ✗ 16
2. ✓ 15
3. ✗ 20
4. ✗ 18

Question ID : **6549787890**
Status : **Answered**
Chosen Option : **2**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.21 Study the given pie chart and answer the question that follows.
The pie chart shows the distribution (degree wise) of the number of computers sold by a shopkeeper during five months.



If the difference between the number of computers sold in May and the number of computers sold in February is x, then the value of x will be:

Ans
1. 450
2. 480
3. 540
4. 420

Question ID : **6549787003**
Status : **Answered**
Chosen Option : **1**

Q.22 The average of 40 numbers is 48.2. The average of the first 15 numbers is 45 and that of the next 22 numbers is 50.5. The 38^{th} number is 1 more than the 39^{th} number, and the 39^{th} number is 3 less than the 40^{th} number. What is the average of the 39^{th} and 40^{th} numbers?

Ans
1. 48
2. 49
3. 47.5
4. 48.5

Question ID : **6549787892**
Status : **Answered**
Chosen Option : **4**

Q.23 If the five-digit number 457 ab is divisible by 3, 7 and 11, then what is the value of $a^2 + b^2 - ab$?

Ans
1. 49
2. 36
3. 24
4. 33

Question ID : **6549787905**
Status : **Not Answered**
Chosen Option : **--**

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Q.24 Renu spends 68% of her income. When her income increases by 40%, she increases her expenditure by 30%. Her savings are increased by:

Ans

✗ 1. 62.5%

✗ 2. 37.98%

✓ 3. 61.25%

✗ 4. 51.6%

Question ID : **6549787894**
Status : **Answered**
Chosen Option : **1**

Q.25 If $tan\,\theta + cot\,\theta = 3$, then what will be the value of $tan^2\theta + cot^2\theta$?

Ans

✗ 1. 1

✓ 2. 7

✗ 3. 11

✗ 4. -1

Question ID : **6549789525**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **Coringa is a beautiful _____ forest where the Godavari joins the backwaters of Bay of Bengal.**

Ans

✗ 1. evergreen

✗ 2. coniferous

✓ 3. mangrove

✗ 4. deciduous

Question ID : **6549787929**
Status : **Answered**
Chosen Option : **1**

Q.2 **Arthunkal Feast and Vettukad Festival are church festivals from the state of _____.**

Ans

✗ 1. Nagaland

✗ 2. Goa

✗ 3. Sikkim

✓ 4. Kerala

Question ID : **6549789533**
Status : **Answered**
Chosen Option : **1**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.3 **Who among the following has received the Female Sportsperson of the Year Award at the FICCI India Sports Award in December 2020?**

Ans

✗ 1. Saina Nehwal

✗ 2. Manu Bhakhar

✗ 3. Deepika Kumari

✓ 4. Elavenil Valarivan

Question ID : **6549787938**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which Indian state is divided into Majha, Doaba and Malwa regions?**

Ans

✗ 1. Assam

✗ 2. Karnataka

✓ 3. Punjab

✗ 4. Madhya Pradesh

Question ID : **6549789543**
Status : **Answered**
Chosen Option : **4**

Q.5 **Who is the second Indian footballer to play 100 international games?**

Ans

✗ 1. Bhaichung Bhutia

✓ 2. Sunil Chhetri

✗ 3. Gurpreet Singh Sandhu

✗ 4. Udanta Singh

Question ID : **6549789553**
Status : **Answered**
Chosen Option : **2**

Q.6 **Rain is liquid _____.**

Ans

✓ 1. precipitation

✗ 2. condensation

✗ 3. decantation

✗ 4. sedimentation

Question ID : **6549789541**
Status : **Answered**
Chosen Option : **1**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.7 **In which of the following years did the Indian National Congress make the demand for a Constituent Assembly?**

Ans

✗ 1. 1939

✗ 2. 1919

✗ 3. 1928

✓ 4. 1934

Question ID : **6549787934**
Status : **Answered**
Chosen Option : **4**

Q.8 **For the residents of which of the following union territories PM Narendra Modi has launched Ayushman Bharat - Pradhan Mantri Jan Arogya Yojna (AB - PMJAY) 'Sehat Scheme' in December 2020?**

Ans

✓ 1. Jammu and Kashmir

✗ 2. Ladakh

✗ 3. Chandigarh

✗ 4. Puducherry

Question ID : **6549787918**
Status : **Answered**
Chosen Option : **1**

Q.9 **The Indian Mutiny of 1857 effectively ended in the city of _____.**

Ans

✓ 1. Gwalior

✗ 2. Amritsar

✗ 3. Lucknow

✗ 4. Vadodara

Question ID : **6549789546**
Status : **Answered**
Chosen Option : **3**

Q.10 **In which of the following years PM-KISAN (Pradhan Mantri Kisan Samman Nidhi) was formally launched?**

Ans

✓ 1. 2019

✗ 2. 2014

✗ 3. 2015

✗ 4. 2017

Question ID : **6549787921**
Status : **Answered**
Chosen Option : **3**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.11 What is the pH value of acidic substances?

Ans
- ✗ 1. Below 1.0
- ✗ 2. Below 4.0
- ✗ 3. Below 2.0
- ✓ 4. Below 7.0

Question ID : **6549789539**
Status : **Answered**
Chosen Option : **4**

Q.12 Who among the following cricketers is the brand ambassador of a fantasy sports gaming platform, Paytm First Games?

Ans
- ✓ 1. Sachin Tendulkar
- ✗ 2. Rohit Sharma
- ✗ 3. Yuvraj Singh
- ✗ 4. Virat Kohli

Question ID : **6549787936**
Status : **Answered**
Chosen Option : **3**

Q.13 Which amendment of the Constitution of India incorporated Goa, Daman and Diu as the eighth union territory of India, by amending the First Schedule to the Constitution?

Ans
- ✗ 1. 13th
- ✗ 2. 10th
- ✓ 3. 12th
- ✗ 4. 18th

Question ID : **6549789551**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Chambal is a tributary of which of the following rivers?

Ans
- ✗ 1. Narmada
- ✓ 2. Yamuna
- ✗ 3. Ganga
- ✗ 4. Brahmaputra

Question ID : **6549787928**
Status : **Answered**
Chosen Option : **2**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.15 **Who among the following became the first Indian-Kiwi woman to become a minister in New Zealand in 2020?**

Ans

✔ 1. Priyanca Radhakrishnan

✘ 2. Manisha Singh

✘ 3. Seema Verma

✘ 4. Anita Anand

Question ID : **6549789536**
Status : **Answered**
Chosen Option : **1**

Q.16 **Who among the following was the first Indian to win the Miss World beauty pageant?**

Ans

✔ 1. Reita Faria

✘ 2. Aishwarya Rai

✘ 3. Diana Hayden

✘ 4. Priyanka Chopra

Question ID : **6549789548**
Status : **Answered**
Chosen Option : **4**

Q.17 **Which of the following is a method of describing computer algorithms using a combination of natural language and programming language?**

Ans

✘ 1. Node

✔ 2. Pseudocode

✘ 3. Flowchart

✘ 4. Array

Question ID : **6549787914**
Status : **Answered**
Chosen Option : **2**

Q.18 **_____ is a process of forming a thick oxide layer of aluminium.**

Ans

✘ 1. Galvanisation

✘ 2. Ductility

✘ 3. Corrosion

✔ 4. Anodising

Question ID : **6549787924**
Status : **Answered**
Chosen Option : **3**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.19 When is the National Consumer Rights Day observed in India every year?

Ans
- ✗ 1. 13 March
- ✗ 2. 2 October
- ✓ 3. 24 December
- ✗ 4. 24 November

Question ID : **6549787919**
Status : **Answered**
Chosen Option : **3**

Q.20 In which state will you find Mayurbhanj district, the last among the princely states, that merged with the state?

Ans
- ✗ 1. Kerala
- ✗ 2. Jharkhand
- ✓ 3. Odisha
- ✗ 4. Chhattisgarh

Question ID : **6549789542**
Status : **Answered**
Chosen Option : **4**

Q.21 _____ is an interpreted, high-level and general-purpose programming language.

Ans
- ✓ 1. Python
- ✗ 2. Spider
- ✗ 3. Penguin
- ✗ 4. Cookie

Question ID : **6549789531**
Status : **Answered**
Chosen Option : **1**

Q.22 Who among the following had authored 'Buddha Gaya: The Hermitage of Sakya Muni' in 1878?

Ans
- ✗ 1. Alexander Cunningham
- ✓ 2. Rajendralala Mitra
- ✗ 3. HH Cole
- ✗ 4. John Marshall

Question ID : **6549787931**
Status : **Answered**
Chosen Option : **1**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.23 **NTPC and _____ have signed an MoU to set up a joint venture for 'renewable energy business'.**

Ans
- ✗ 1. Reliance Petroleum
- ✗ 2. Coal India
- ✗ 3. NHPC Limited
- ✓ 4. ONGC

Question ID : **6549789538**
Status : **Answered**
Chosen Option : **4**

Q.24 **Colonel (retd) Narendra Kumar, an Indian soldier and _____, passed away in December 2020.**

Ans
- ✓ 1. mountaineer
- ✗ 2. singer
- ✗ 3. boxer
- ✗ 4. wrestler

Question ID : **6549787933**
Status : **Answered**
Chosen Option : **3**

Q.25 **Kalbelia folk songs and dance forms are an expression of the Kalbelia community's traditional way of life. It is associated with which of the following states?**

Ans
- ✗ 1. Maharashtra
- ✗ 2. Haryana
- ✓ 3. Rajasthan
- ✗ 4. Punjab

Question ID : **6549787916**
Status : **Answered**
Chosen Option : **3**

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