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Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

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

To add insult to injury

Ans

✗ 1. to make fun of someone

✗ 2. to work hard on making up

✓ 3. to make something worse

✗ 4. to wound physically

Question ID : **6549789167**
Status : **Answered**
Chosen Option : **3**

Q.2 **Given below are four sentences in jumbled order. Select the option that gives their correct order.**

A. Then he started on his eighteen kilometer expedition back to his village.
B. Mohan first equipped himself with a long, sturdy stick.
C. At several points, he lost the road and had to swim his way ahead.
D. It was a journey he would never forget where he had to use his stick constantly to locate the road.

Ans

✗ 1. DCAB

✗ 2. ACBD

✗ 3. CDBA

✓ 4. BADC

Question ID : **6549788354**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

He is very impulsive and does things <u>without rhyme or reason</u>.

Ans

✗ 1. without proper planning

✓ 2. without a reasonable explanation

✗ 3. without any resources

✗ 4. without anyone's help

Question ID : **6549788360**
Status : **Answered**
Chosen Option : **4**

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

LAVISH

Ans

✗ 1. excessive

✗ 2. luxurious

✗ 3. tiny

✓ 4. frugal

Question ID : **6549789165**
Status : **Answered**
Chosen Option : **4**

Q.5 **Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. Next, keep tapping the pot on all sides and at the bottom until the plant loosens.
B. Finally, slide the plant gently and remove the old potting mix on a newspaper.
C. The first thing to do when repotting is to remove the plant from the current pot.
D. Begin by holding the plant gently, and turning the pot sideways.

Ans

✓ 1. CDAB

✗ 2. DBCA

✗ 3. BDAC

✗ 4. ACDB

Question ID : **6549789161**
Status : **Answered**
Chosen Option : **1**

Q.6 **Fill in the blank with most appropriate word.**

This part of the sea _____ with sharks.

Ans

✗ 1. expands

✗ 2. crowds

✗ 3. suffices

✓ 4. teems

Question ID : **6549788368**
Status : **Answered**
Chosen Option : **2**

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

AFFINITY

Ans

✓ 1. aversion

✗ 2. weakness

✗ 3. inclination

✗ 4. attraction

Question ID : **6549788358**
Status : **Answered**
Chosen Option : **1**

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Q.8 **Select the misspelt word.**

Ans

✗ 1. applause

✗ 2. modern

✓ 3. arrivel

✗ 4. serious

Question ID : **6549788361**
Status : **Answered**
Chosen Option : **3**

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

LIVID

Ans

✓ 1. furious

✗ 2. timid

✗ 3. mild

✗ 4. lively

Question ID : **6549789173**
Status : **Answered**
Chosen Option : **1**

Q.10 **Select the correct passive form of the given sentence.**

He drove the car very carefully on the hilly terrain.

Ans

✓ 1. The car was driven very carefully on the hilly terrain.

✗ 2. The car is being driven very carefully on the hilly terrain.

✗ 3. The car has been driven very carefully on the hilly terrain.

✗ 4. The car is driven very carefully on the hilly terrain.

Question ID : **6549788343**
Status : **Answered**
Chosen Option : **1**

Q.11 **In the given sentence, identify the segment which contains a grammatical error.**

If you rent a house near your office, it will save you time as well as also money.

Ans

✗ 1. If you rent a house

✓ 2. as well as also money

✗ 3. near your office

✗ 4. it will save you time

Question ID : **6549788346**
Status : **Answered**
Chosen Option : **4**

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Q.12 **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'.**

Small desert animals burrow underground <u>across the days</u> and come out only at night.

Ans

✗ 1. within the days

✓ 2. during the day

✗ 3. No substitution

✗ 4. between days

Question ID : **6549788355**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the correct indirect form of the given sentence.**

"I love Bollywood music," Deepu said to Reena.

Ans

✓ 1. Deepu told Reena that he loved Bollywood music.

✗ 2. Deepu will say to Reena that he loved Bollywood music.

✗ 3. Deepu says to Reena that he loves Bollywood music.

✗ 4. Deepu had told Reena that he loved Bollywood music.

Question ID : **6549789152**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the word which means the same as the group of words given.**

Killing of one's mother

Ans

✗ 1. infanticide

✗ 2. patricide

✗ 3. regicide

✓ 4. matricide

Question ID : **6549789172**
Status : **Answered**
Chosen Option : **4**

Q.15 **The following sentence has been split into four segments. Identify the segment which contains a grammatical error.**

Notwithstanding we were / all busy that weekend / we had to / cancel the outing.

Ans

✗ 1. cancel the outing

✗ 2. we had to

✓ 3. Notwithstanding we were

✗ 4. all busy that weekend

Question ID : **6549789153**
Status : **Answered**
Chosen Option : **3**

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Q.16 **Select the INCORRECTLY spelt word.**

Ans

✗ 1. aggravate

✓ 2. titilate

✗ 3. mediate

✗ 4. initiate

Question ID : **6549789170**
Status : **Answered**
Chosen Option : **2**

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

CALLOUS

Ans

✗ 1. inaccurate

✓ 2. insensitive

✗ 3. incredible

✗ 4. inexperienced

Question ID : **6549788366**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate one-word substitution for the given words.**

a period of two weeks

Ans

✗ 1. month

✗ 2. century

✗ 3. decade

✓ 4. fortnight

Question ID : **6549788363**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'**

I must have dropped <u>one</u> of my gloves in the car.

Ans

✗ 1. any

✓ 2. No improvement

✗ 3. an

✗ 4. the

Question ID : **6549789164**
Status : **Answered**
Chosen Option : **1**

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Q.20 Select the most appropriate word to fill in the blank.

It is _____ to see so many of our fellow Indians help the migrants in their struggle to go home.

Ans

✗ 1. savouring

✓ 2. heartening

✗ 3. reuniting

✗ 4. relishing

Question ID : **6549789175**
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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 21

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

Ans

✓ 1. like

✗ 2. than

✗ 3. so as

✗ 4. same

Question ID : **6549788348**
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.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 22

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

Ans

✗ 1. adjust

✗ 2. develop

✓ 3. change

✗ 4. agree

Question ID : **6549788349**
Status : **Answered**
Chosen Option : **3**

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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.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 23

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

Ans

✔ 1. ordered

✘ 2. presented

✘ 3. ruled

✘ 4. believed

Question ID : **6549788350**
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.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 24

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

Ans

✔ 1. till

✘ 2. cut

✘ 3. dig

✘ 4. sow

Question ID : **6549788351**
Status : **Answered**
Chosen Option : **3**

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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.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 25

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

Ans

✗ 1. employment

✗ 2. livelihood

✗ 3. career

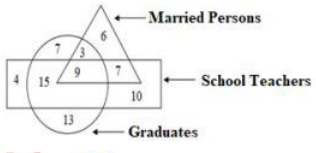
✓ 4. business

Question ID : **6549788352**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 In the given diagram, the circle stands for 'graduates', the rectangle stands for 'school teachers', and the triangle stands for 'married persons'. The numbers given in the different segments represent the number of persons in that category.

How many school teachers are either graduates or married persons but NOT both?



Ans

✗ 1. 15

✗ 2. 29

✓ 3. 22

✗ 4. 25

Question ID : **6549789201**
Status : **Answered**
Chosen Option : **3**

Q.2 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. MIGF

✗ 2. BDMS

✗ 3. HKPT

✗ 4. KMPV

Question ID : **6549789192**
Status : **Not Answered**
Chosen Option : **--**

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Q.3 ₹481 is distributed among A, B and C in such a way that B gets two-thirds of what A gets and C gets three-fourths of what B gets. How much does B get?

Ans
✔ 1. ₹148
✘ 2. ₹111
✘ 3. ₹168
✘ 4. ₹222

Question ID : **6549789177**
Status : **Not Answered**
Chosen Option : **--**

Q.4 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 statements are answers.
Some statements are questions.

Conclusions:
I. No question is a statement.
II. Some answers are statements.
III. Some questions are statements.

Ans
✘ 1. Only conclusions I and III follow
✘ 2. Either conclusion I or III follows
✘ 3. Only conclusions I and II follow
✔ 4. Only conclusions II and III follow

Question ID : **6549788386**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the correct mirror image of the given combination when a mirror is placed on its right side.

4 6 H S P Y

Ans
✔ 1. Y ꟼ Ƨ H ∂ ↊
✘ 2. ⅄ ꟼ Ƨ H 9 ↊
✘ 3. Y ꟻ Ƨ H ∂ ↊
✘ 4. Y ꟼ Ƨ H ∂ ↋

Question ID : **6549788392**
Status : **Answered**
Chosen Option : **1**

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Q.6 **If 'A + B' means 'A is the mother of B', 'A × B' means 'A is the sister of B', and 'A * B' means 'A is the daughter of B', then how is R related to P in the following expression?**

'R + V × Q × M * P'

Ans

✗ 1. Mother

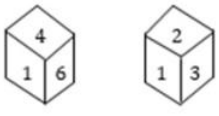
✓ 2. Wife

✗ 3. Daughter

✗ 4. Sister

Question ID : **6549787574**
Status : **Answered**
Chosen Option : **3**

Q.7 Two different positions of the same dice are shown. Select the number that will be at the top if '6' is at the bottom.



Ans

✗ 1. 4

✗ 2. 5

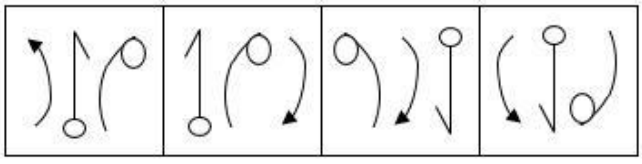
✗ 3. 2

✓ 4. 3

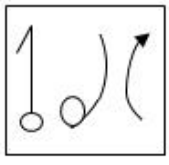
Question ID : **6549789195**
Status : **Answered**
Chosen Option : **4**

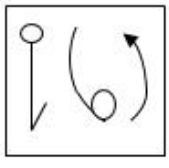
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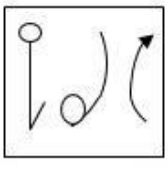
Q.8 Select the figure that will come next in the following series.

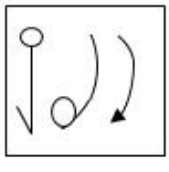


Ans

✗ 1.


✗ 2.


✓ 3.


✗ 4.


Question ID : **6549789196**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Select the number that can replace the question mark (?) in the following series.**

35, 35, 33, 99, 95, 475, ?

Ans

✗ 1. 481

✗ 2. 501

✗ 3. 476

✓ 4. 469

Question ID : **6549788374**
Status : **Not Answered**
Chosen Option : **--**

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Q.10 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

{2, 2, 9}

Ans

✗ 1. {8, 36, 81}

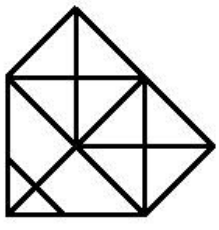
✗ 2. {6, 18, 46}

✓ 3. {4, 8, 25}

✗ 4. {12, 60, 98}

Question ID : **6549789181**
Status : **Answered**
Chosen Option : **3**

Q.11 How many triangles are there in the following figure?



Ans

✗ 1. 24

✗ 2. 19

✓ 3. 26

✗ 4. 22

Question ID : **6549789197**
Status : **Answered**
Chosen Option : **4**

Q.12 **In a certain code language, BANKER is coded as 57 and SPAN is coded as 54. How will PRANK be coded in that language?**

Ans

✗ 1. 58

✗ 2. 61

✓ 3. 65

✗ 4. 69

Question ID : **6549789186**
Status : **Answered**
Chosen Option : **3**

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Q.13 **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. 2197

✗ 2. 4913

✓ 3. 2379

✗ 4. 1331

Question ID : **6549789183**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the option in which the numbers in the set share the same relationship as the numbers in the given set.**

(14, 22, 77)

Ans

✗ 1. (20, 16, 105)

✗ 2. (17, 15, 76)

✓ 3. (18, 32, 144)

✗ 4. (22, 11, 86)

Question ID : **6549788372**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.**

28 : 70

Ans

✓ 1. 18 : 45

✗ 2. 12 : 32

✗ 3. 30 : 84

✗ 4. 34 : 86

Question ID : **6549789179**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **'Bracelet' is related to 'Ornaments' in the same way as 'Clove' is related to '_____'.**

Ans

✓ 1. Spices

✗ 2. Kitchen

✗ 3. Taste

✗ 4. Cooking

Question ID : **6549788380**
Status : **Answered**
Chosen Option : **1**

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Q.17 Select the option figure which contains figure X embedded in it as its part (rotation is NOT allowed).

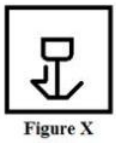


Figure X

Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

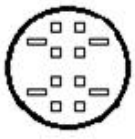
Question ID : **6549788390**
Status : **Answered**
Chosen Option : **3**

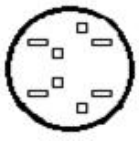
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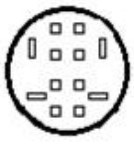
Q.18 A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.



Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **6549788391**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.**

1. Class
2. Admission
3. Certificate
4. Application
5. Assessment

Ans

✔ 1. 4, 2, 1, 5, 3

✘ 2. 4, 2, 5, 1, 3

✘ 3. 3, 5, 2, 3, 1

✘ 4. 2, 4, 3, 1, 5

Question ID : **6549789184**
Status : **Answered**
Chosen Option : **2**

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Q.20 **Which two signs should be interchanged to make the given equation correct?**

39 ÷ 3 × 13 + 26 – 13 = 2

Ans

✗ 1. × and –

✓ 2. ÷ and –

✗ 3. ÷ and ×

✗ 4. + and –

Question ID : **6549788370**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Three of the following four words are alike in a certain way and one is different. Select the odd one.**

Ans

✓ 1. Contentment

✗ 2. Jealousy

✗ 3. Sadness

✗ 4. Disgust

Question ID : **6549788385**
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.**

NEED : OGHH : : FAST : ?

Ans

✗ 1. ECVZ

✗ 2. GCWY

✓ 3. GCVX

✗ 4. GDUX

Question ID : **6549788379**
Status : **Answered**
Chosen Option : **3**

Q.23 **In a code language, SAUCE is written as ASVEC. How will MEANT be written as in that language?**

Ans

✗ 1. EMANT

✗ 2. MEBTN

✓ 3. EMBTN

✗ 4. EMCTN

Question ID : **6549788377**
Status : **Not Answered**
Chosen Option : **--**

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Q.24 **Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter sequence correctly.**

K _ P _ L C _ R _ C P _ N _ P R

Ans
1. E R P R R C
2. C P P M R R
3. M R P M R R
4. C R P M R C

Question ID : **6549788381**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Select the option in which the words share the same relationship as that shared by the given pair of words.**

Necklace : Gold

Ans
1. Ocean : River
2. Paper : Wood pulp
3. Potter : Clay
4. Grass : Lawn

Question ID : **6549789191**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 A sum of money lent at simple interest amounts to ₹9,920 after 2 years and to ₹12,800 after 5 years. Find the rate of interest per annum.

Ans
1. 6.57%
2. 12%
3. 18%
4. 9.68%

Question ID : **6549789210**
Status : **Answered**
Chosen Option : **2**

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Q.2 If $a + b - c = 0$, then what is the value of $\frac{(b-c)^2}{4bc}\frac{(c-a)^2}{4ca}\frac{(a+b)^2}{4ab}$?

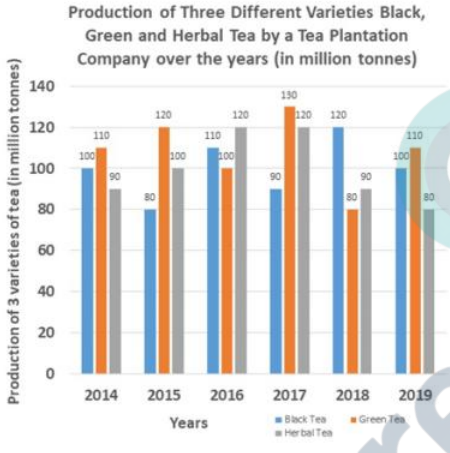
Ans

1. $\frac{1}{2}$
2. $-\frac{3}{4}$
3. $-\frac{1}{2}$
4. $\frac{3}{4}$

Question ID : **6549788409**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Study the given bar graph and answer the question that follows.

A tea plantation company produces three varieties of tea—black tea, green tea and herbal tea. The production of three varieties (in million tonnes) over a period of six years from 2014 to 2019, has been shown in the bar graph here. The X-axis represents the years and the Y-axis displays the production of the three varieties in million tonnes.



The total production of green tea in 2016 and 2018 is what per cent of the total production of herbal tea in 2015 and 2017?

Ans

1. 83.4
2. 85.6
3. 79.7
4. 81.8

Question ID : **6549789123**
Status : **Answered**
Chosen Option : **4**

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

Q.4 A reduction of 20% in the rate of sugar enables Sudhir to get 6 kg more sugar for ₹960. What is the reduced rate of sugar per kg?

Ans

1. ₹35 ✗
2. ₹36 ✗
3. ₹32 ✓
4. ₹40 ✗

Question ID : **6549789207**
Status : **Answered**
Chosen Option : **3**

Q.5 D, E and F are the feet of the perpendiculars from the vertices A, B and C, respectively, of a triangle ABC. If angle BED and angle BFE (in degrees) are 24 and 110, respectively, what is the measure (in degrees) of angle EBF?

Ans

1. 55 ✗
2. 67 ✗
3. 86 ✗
4. 46 ✓

Question ID : **6549788406**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In ΔPQR, points T and S are on PQ and PR, respectively, such that TS is parallel to QR. If TQ = 7.2 cm, PS = 1.8 cm and SR = 5.4 cm, then find the length of PT.

Ans

1. 2 cm ✗
2. 2.4 cm ✓
3. 1.35 cm ✗
4. 3.6 cm ✗

Question ID : **6549789213**
Status : **Answered**
Chosen Option : **2**

Q.7 A pair of jeans marked at ₹960 is offered in a departmental store for ₹816. What is the percentage of discount given by the shopkeeper?

Ans

1. 17.64 ✗
2. 17 ✗
3. 15 ✓
4. 16 ✗

Question ID : **6549788398**
Status : **Answered**
Chosen Option : **3**

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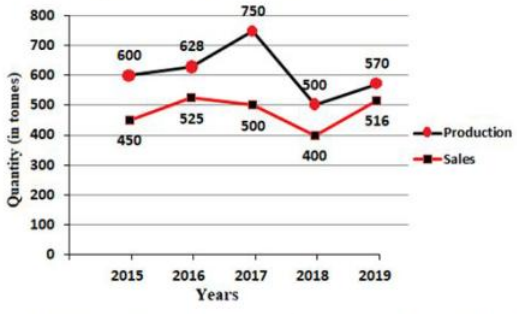
Q.8 If a : b = 5 : 7, b : c = 8 : 15, then find the value of 8c : 5a.

Ans

1. 24 : 5 ✗
2. 21 : 5 ✓
3. 176 : 65 ✗
4. 8 : 21 ✗

Question ID : **6549789209**
Status : **Answered**
Chosen Option : **2**

Q.9 The line graph shows the production (in tonnes) and the sales (in tonnes) of a company.



What is the percentage of maximum increase or reduction in the production of the company in comparison to the previous year?

Ans

1. 46.67% reduction ✗
2. 33.33% reduction ✓
3. 50% increase ✗
4. 29% increase ✗

Question ID : **6549789226**
Status : **Answered**
Chosen Option : **2**

Q.10 Ravi can row a boat in still water at the speed of 14 km/h. If a river is flowing at the speed of 2 km/h and Ravi takes 3 hours to cover a certain distance upstream, then how much time will he take to cover the same distance downstream?

Ans

1. 2 h 20 m ✗
2. 2 h ✗
3. 2 h 15 m ✓
4. 2 h 30 m ✗

Question ID : **6549789203**
Status : **Answered**
Chosen Option : **3**

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

Q.11 Simplify the following expression.

$$\frac{3}{5}+2\frac{2}{5}\div\left[\left(\frac{7}{8}-\frac{3}{4}\right)\times 4-6\frac{2}{3}\div\frac{4}{3}\right]\times\frac{1}{3}$$

Ans

✔ 1. $\frac{19}{45}$

✘ 2. $-\frac{2}{9}$

✘ 3. $-\frac{13}{5}$

✘ 4. $\frac{17}{15}$

Question ID : **6549788411**
Status : **Answered**
Chosen Option : **1**

Q.12 PA and PB are tangents drawn to a circle with centre O from an external point P. If A and B are points on the circle and $\angle OBA = 42°$, then $\angle APB$ is:

Ans

✘ 1. $78°$

✔ 2. $84°$

✘ 3. $76°$

✘ 4. $86°$

Question ID : **6549789211**
Status : **Answered**
Chosen Option : **2**

Q.13 Simplify the following expression.

$$(2a-b-3c)(4a^2+b^2+9c^2+2ab+6ac-3bc)$$

Ans

✘ 1. $-8a^3+b^3+27c^3$

✘ 2. $8a^3+b^3+27c^3$

✔ 3. $8a^3-b^3-27c^3-18abc$

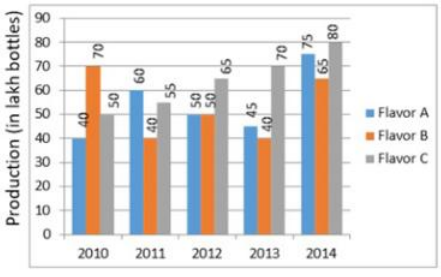
✘ 4. $8a^3-b^3-27c^3+18abc$

Question ID : **6549789215**
Status : **Answered**
Chosen Option : **3**

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Q.14 A soft drink company prepares drinks of three different flavours — A, B and C. The production of the three flavours over a period of five years from 2010 to 2014 has been expressed in the given bar graph. Study the graph and answer the question that follows.

Production of three different flavours A, B and C (in lakh bottles) by a company over five years.



The difference between the average production of flavour A in 2012, 2013 and 2014 and the average production of flavour C in 2012, 2013 and 2014 is:

Ans

✗ 1. 10 lakh bottles

✗ 2. 12 lakh bottles

✗ 3. 18 lakh bottles

✓ 4. 15 lakh bottles

Question ID : **6549787709**
Status : **Not Answered**
Chosen Option : **--**

Q.15 If $x - y = 4$ and $xy = 3$, then what is the value of $x^3 - y^3$?

Ans

✗ 1. 88

✗ 2. 28

✓ 3. 100

✗ 4. 64

Question ID : **6549788408**
Status : **Answered**
Chosen Option : **3**

Q.16 In a rectangular park having dimensions 60 m × 40 m, two circular flower beds with radius 7 m are developed. What is the area of the remaining portion of the park? $\left(Use\ \pi = \frac{22}{7}\right)$

Ans

✗ 1. $1196\ m^2$

✗ 2. $1749\ m^2$

✓ 3. $2092\ m^2$

✗ 4. $2246\ m^2$

Question ID : **6549788396**
Status : **Answered**
Chosen Option : **3**

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

Q.17 Joseph bought two woollen jackets for ₹2,100 and ₹3,150, respectively. By selling the first at a gain of k% and the second at a loss of k%, he found that the selling price of both is the same. What is the value of k?

Ans

✔ 1. 20

✘ 2. 22.64

✘ 3. 15

✘ 4. 25

Question ID : **6549788400**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If the number 34k56k is divisible by 6, then what will be the largest value of k?

Ans

✔ 1. 6

✘ 2. 8

✘ 3. 9

✘ 4. 4

Question ID : **6549789218**
Status : **Answered**
Chosen Option : **1**

Q.19 Evaluate the following expression.

$$\frac{\tan^2 60° + \text{cosec}30° \sin 90° + 3\sec^2 30°}{4\sin^2 45° + \sec^2 60° - \cot^2 30° - 5\cos^2 90°}$$

Ans

✘ 1. $\frac{7}{3}$

✔ 2. 3

✘ 3. $\frac{19}{17}$

✘ 4. -12

Question ID : **6549789221**
Status : **Answered**
Chosen Option : **2**

Q.20 Two chords PQ and RS of a circle meet at A when produced. AT is a tangent to the circle meeting it at T. The ratio PA : SA is equal to which of the following?

Ans

✘ 1. RQ : QT

✘ 2. AQ : AT

✘ 3. AQ : QR

✔ 4. RA : AQ

Question ID : **6549788404**
Status : **Not Answered**
Chosen Option : **--**

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

Q.21 The average weight of 3 persons A, B and C is 60 kg. When D joins the group, the average weight becomes 65 kg. When another person E whose weight is 3 kg less than that of D replaces A, the average weight of B, C, D and E becomes 67 kg. What is the weight of A?

Ans

✗ 1. 60 kg

✓ 2. 69 kg

✗ 3. 72 kg

✗ 4. 65 kg

Question ID : **6549789205**
Status : **Answered**
Chosen Option : **2**

Q.22 In a triangle ABC, right-angled at C, if $\sec A = \frac{13}{5}$, then find the value of $\frac{1+\sin A}{\cos B}$.

Ans

✓ 1. $\frac{25}{12}$

✗ 2. $\frac{3}{2}$

✗ 3. $\frac{18}{5}$

✗ 4. 5

Question ID : **6549788412**
Status : **Answered**
Chosen Option : **1**

Q.23 Geeta can assemble a toy in 10 minutes, whereas Sudha can assemble the same toy in 15 minutes. If they work together, how much time will they take to assemble 60 toys?

Ans

✓ 1. 6 hours

✗ 2. 5 hours

✗ 3. 7 hours

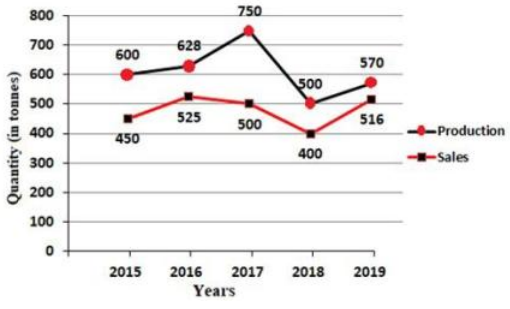
✗ 4. 7 hours 30 minutes

Question ID : **6549788394**
Status : **Not Answered**
Chosen Option : **--**

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

Q.24 The given line graph shows the production (in tonnes) and the sales (in tonnes) of a company.

How much more is the production in 2015 and 2017 taken together than the sales in 2016 and 2018 taken together (in tonnes)?



Ans

✔ 1. 425

✘ 2. 328

✘ 3. 434

✘ 4. 178

Question ID : **6549788415**
Status : **Not Answered**
Chosen Option : **--**

Q.25 If $\text{cosec}^2\theta(\cos\theta - 1)(1 + \cos\theta) = k$, then what is the value of k?

Ans

✘ 1. 1

✔ 2. -1

✘ 3. $\frac{1}{2}$

✘ 4. 0

Question ID : **6549788414**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **Whose autobiography is titled 'The Substance and the Shadow'?**

Ans

✘ 1. Kishore Kumar

✘ 2. Rajesh Khanna

✘ 3. Raj Kapoor

✔ 4. Dilip Kumar

Question ID : **6549789246**
Status : **Not Answered**
Chosen Option : **--**

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

Q.2 **Which of the following file formats does MS Paint use to open and save files in Windows?**

Ans

✗ 1. .DOC

✗ 2. .XIS

✓ 3. .JPEG

✗ 4. .PPT

Question ID : **6549789227**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which of the following nations ranked first in the World Press Freedom index 2020?**

Ans

✗ 1. India

✗ 2. France

✓ 3. Norway

✗ 4. The US

Question ID : **6549788425**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **The musical instrument 'Kartal' from the state of Rajasthan comes under the category of _____.**

Ans

✗ 1. electrophones

✗ 2. membranophones

✗ 3. chordophones

✓ 4. idiophones

Question ID : **6549789229**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Who among the following is India's highest wicket taker in test cricket as of December 2020?**

Ans

✗ 1. Kapil Dev

✓ 2. Anil Kumble

✗ 3. Narendra Hirwani

✗ 4. Bishan Singh Bedi

Question ID : **6549789249**
Status : **Not Answered**
Chosen Option : **--**

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

Q.6 What is India's rank on the World Economic Forum's Global Competitiveness Index of 141 countries for the year 2019?

Ans

✗ 1. 48th

✗ 2. 45th

✓ 3. 68th

✗ 4. 65th

Question ID : **6549788427**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The deficiency of which of the following vitamins causes night blindness?

Ans

✗ 1. Vitamin B2

✓ 2. Vitamin A

✗ 3. Vitamin E

✗ 4. Vitamin D

Question ID : **6549788428**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which of the following is a computer application software?

Ans

✓ 1. Word processor

✗ 2. RAM

✗ 3. Visual Basic

✗ 4. Java

Question ID : **6549788420**
Status : **Not Answered**
Chosen Option : **--**

Q.9 How many states does the 'STARS' project launched by the Government of India and World Bank in 2020 seek to cover?

Ans

✗ 1. 8

✗ 2. 4

✗ 3. 10

✓ 4. 6

Question ID : **6549789231**
Status : **Not Answered**
Chosen Option : **--**

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

Q.10 **In the Battle of Swally (1612) the British fought against the _____.**

Ans

✗ 1. Danish

✓ 2. Portuguese

✗ 3. French

✗ 4. Dutch

Question ID : **6549789244**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Where is Harmandir Sahib (Golden Temple) situated?**

Ans

✓ 1. Amritsar

✗ 2. Patiala

✗ 3. Ludhiana

✗ 4. Jalandhar

Question ID : **6549788422**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Which Indian state was the highest contributor to Food Corporation of India (FCI)'s total paddy procurement across the country till May 2020?**

Ans

✓ 1. Telangana

✗ 2. Uttar Pradesh

✗ 3. Andhra Pradesh

✗ 4. Punjab

Question ID : **6549789241**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **Heat, in _____, is a type of energy transfer from a warmer substance to a colder one.**

Ans

✗ 1. gravity

✗ 2. friction

✓ 3. thermodynamics

✗ 4. magnet

Question ID : **6549789237**
Status : **Not Answered**
Chosen Option : **--**

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

Q.14 **LAC (Line of Actual Control) is an effective border between India and _____.**

Ans

✗ 1. Bhutan

✗ 2. Pakistan

✗ 3. Sri Lanka

✓ 4. China

Question ID : **6549788431**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **In which of the following categories does Indian boxer Lovlina Borgohain play?**

Ans

✓ 1. 69 kg

✗ 2. 91 kg

✗ 3. 81 kg

✗ 4. 75 kg

Question ID : **6549789251**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **Dr. Tsering Landol, who was one of the recipients of the Padma Bhushan 2020 award, hails from:**

Ans

✗ 1. Nagaland

✗ 2. Mizoram

✓ 3. Ladakh

✗ 4. Arunachal Pradesh

Question ID : **6549788437**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **The National Education Policy (NEP), 2020 commits to raising the total expenditure by states and centre on education to _____ of GDP.**

Ans

✗ 1. 4%

✓ 2. 6%

✗ 3. 2%

✗ 4. 8%

Question ID : **6549789234**
Status : **Not Answered**
Chosen Option : **--**

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

Q.18 **Which sport has been approved to be played at the 2024 Summer Olympics in Paris for the first time?**

Ans

✗ 1. Parkour race

✗ 2. Darts

✓ 3. Breakdancing

✗ 4. Cricket

Question ID : **6549789232**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **What was the total number of gold medals won by India at Commonwealth Games 2018?**

Ans

✗ 1. 44

✗ 2. 33

✓ 3. 26

✗ 4. 18

Question ID : **6549788442**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **As of January 2021, more than 93% of India's chromite resources were located in:**

Ans

✓ 1. Odisha

✗ 2. Jharkhand

✗ 3. Madhya Pradesh

✗ 4. Karnataka

Question ID : **6549788432**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Who among the following presided over the special session of Congress in September 1923 and at the age of 35 became the youngest man to be elected as the President of the Congress?**

Ans

✗ 1. Mahadev Govind Ranade

✗ 2. Ram Manohar Lohia

✗ 3. Bal Gangadhar Tilak

✓ 4. Maulana Abul Kalam Azad

Question ID : **6549788435**
Status : **Not Answered**
Chosen Option : **--**

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Q.22 _____ holds office from the date of his/her election till immediately before the first meeting of the Lok Sabha after the dissolution of the one to which he/she was elected.

Ans
✔ 1. Speaker
✘ 2. Minister of Parliamentary Affairs
✘ 3. Minister of Information and Broadcasting
✘ 4. Vice President

Question ID : **6549789247**
Status : **Not Answered**
Chosen Option : **--**

Q.23 One-third of the members of the Vidhan Parishad retire every _____ year/s.

Ans
✘ 1. four
✘ 2. one
✘ 3. three
✔ 4. two

Question ID : **6549788440**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which among the following is used as the fining agent in wine?

Ans
✔ 1. Gelatin
✘ 2. Chlorine
✘ 3. Sodium
✘ 4. Baking Soda

Question ID : **6549788430**
Status : **Not Answered**
Chosen Option : **--**

Q.25 'Per Drop More Crop' is the goal for which Government of India scheme?

Ans
✔ 1. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)
✘ 2. Pradhan Mantri Awaas Yojana Gramin (PMAY-G)
✘ 3. Pradhan Mantri Jan-Dhan Yojana (PMJDY)
✘ 4. Pradhan Mantri MUDRA Yojana (PMMY)

Question ID : **6549789242**
Status : **Not Answered**
Chosen Option : **--**