

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	15/04/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. turtle
 - ☒ 2. tattle
 - ☒ 3. belittle
 - ☒ 4. embattle

Question ID : 6549788968
Status : Answered
Chosen Option : 2

Q.2 In the given sentence, identify the segment which contains the grammatical error.

Economists have declared that 2020 graduates will face the worse job depression since the Great Depression because of the COVID-19 pandemic.

- Ans
- ☒ 1. Economists have declared that 2020 graduates
 - ☒ 2. will face the worse job depression
 - ☒ 3. because of the COVID-19 pandemic
 - ☒ 4. since the Great Depression

Question ID : 6549788951
Status : Answered
Chosen Option : 2

Q.3 In the given sentence, identify the segment which contains the grammatical error.

I have made it a point to call my teachers on September 5 as a token of mine gratitude.

- Ans
- ☒ 1. on September 5 as a token
 - ☒ 2. of mine gratitude
 - ☒ 3. I have made
 - ☒ 4. it a point to call my teachers

Question ID : 6549789659
Status : Answered
Chosen Option : 4

Q.4 Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. These young cadets undergo a rigorous training program which is aimed to prepare them for the Armed Forces.
B. Finally after the Senior Secondary examination these cadets compete to qualify for entry into the National Defence Academy located in Pune.
C. It is also referred to as the Cradle of Excellence which trains cadets from the early age of 12.
D. Nestled in a lush green campus of 18 acres in Dehradun Cantonment is the RIMC, the Rashtriya Indian Military Academy.

Ans  1. DCAB

 2. CABD

 3. DABC

 4. ABDC

Question ID : 6549789667

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate option to fill in the blank.

Courts are _____ of the Constitution as they are expected to see that it is always respected.

Ans  1. leaders

 2. dictators

 3. sentinels

 4. masters

Question ID : 6549789681

Status : Answered

Chosen Option : 1

Q.6 Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'

It is the responsibility of all of us to invest time and effort in verifying information and not follow victim to fake news.

Ans  1. not following victim

 2. not fall victim

 3. not falls victim

 4. No improvement

Question ID : 6549789668

Status : Answered

Chosen Option : 1

Q.7 Select the correct indirect form of the given sentence.

“Let’s not have non-vegetarian meals in summer,” Aruna said to her son.

- Ans** ☒ 1. Aruna will suggest to her son that they should not have non-vegetarian meals in summer.
- ☒ 2. Aruna suggested to her son that they should not have non-vegetarian meals in summer.
- ☒ 3. Aruna has been suggesting to her son that they should not have non-vegetarian meals in summer.
- ☒ 4. Aruna suggesting to her son that we should not have non-vegetarian meals in summer.

Question ID : **6549788950**

Status : **Answered**

Chosen Option : **2**

Q.8 Select the most appropriate meaning of the given idiom.

Be glad to see the back of

- Ans** ☒ 1. Be happy at another's success
- ☒ 2. Be relieved at another's failure
- ☒ 3. Be happy to see someone again
- ☒ 4. Be happy when a person leaves

Question ID : **6549788965**

Status : **Answered**

Chosen Option : **1**

Q.9 Select the option which means the same as the group of words given.

An act of breaking or failing to observe a law

- Ans** ☒ 1. braid
- ☒ 2. breach
- ☒ 3. brooch
- ☒ 4. brusque

Question ID : **6549789676**

Status : **Answered**

Chosen Option : **2**

Q.10 Select the most appropriate ANTONYM of the given word.

MEAGRE

- Ans** ☒ 1. sufficient
- ☒ 2. scares
- ☒ 3. deficient
- ☒ 4. scanty

Question ID : **6549788963**

Status : **Answered**

Chosen Option : **3**

Q.11 Select the most appropriate option to fill in the blank.

According to Soli Sorabjee, listening to cases being argued in court can be _____ but there are lighter moments too.

- Ans ☒ 1. tedious
☒ 2. entertaining
☒ 3. lively
☒ 4. fun

Question ID : 6549788973

Status : Answered

Chosen Option : 3

Q.12 Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. Our first impression was that both seemed a bit depressed.
B. It was much later that they became our close friends and confided about their son's tragic death.
C. The Mehra's were newcomers to the neighbourhood.
D. My wife and I called on them to enquire if they needed any help.

- Ans ☒ 1. DBAC
☒ 2. ACDB
☒ 3. CDAB
☒ 4. BDAC

Question ID : 6549788959

Status : Answered

Chosen Option : 3

Q.13 Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'

Sitab has learnt how to cook really well as he regularly watching YouTube videos.

- Ans ☒ 1. No improvement
☒ 2. will watch
☒ 3. watch
☒ 4. watches

Question ID : 6549788962

Status : Answered

Chosen Option : 4

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

Anant likes experimenting with different cuisines.

- Ans ☒ 1. Experimenting with different cuisines is liked by Anant.
☒ 2. Anant had liked experimenting with different cuisines.
☒ 3. Different cuisines are being experimented with by Anant.
☒ 4. Different cuisines like experimenting with Anant.

Question ID : 6549789656

Status : Answered

Chosen Option : 2

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

RAGGED

- Ans  1. smooth
 2. torn
 3. original
 4. golden

Question ID : **6549788971**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the most appropriate meaning of the given idiom.

By the skin of one's teeth

- Ans  1. With the help of someone
 2. By a very big margin
 3. By a very narrow margin
 4. Without anyone's help

Question ID : **6549789673**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate ANTONYM of the given word.

HORRENDOUS

- Ans  1. watchful
 2. pleasant
 3. dreary
 4. frightening

Question ID : **6549789671**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option which means the same as the group of words given.

A patient with imaginary symptoms and diseases

- Ans  1. melancholic
 2. cardiac
 3. hypochondriac
 4. alcoholic

Question ID : **6549788970**
Status : **Answered**
Chosen Option : **3**

Q.19 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. smallish
 - ☒ 2. forbidding
 - ☒ 3. seperate
 - ☒ 4. inapplicable

Question ID : **6549789674**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the most appropriate synonym of the given word.

ADULATION

- Ans
- ☒ 1. scorn
 - ☒ 2. adoration
 - ☒ 3. apathy
 - ☒ 4. aversion

Question ID : **6549789679**
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.

In order to promote reading we must become role models for the young by setting (1) _____ our own smart phones to lose ourselves in a book. We too (2) _____ switch off our devices and set aside a space and time to (3) _____ old habits that once transported us to the world of (4) _____. Studies report that such deep reading leads one to become sensitive and (5) _____ citizens of the community.

SubQuestion No : 21

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

- Ans
- ☒ 1. about
 - ☒ 2. aside
 - ☒ 3. out
 - ☒ 4. apart

Question ID : **6549789661**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

In order to promote reading we must become role models for the young by setting (1) _____ our own smart phones to lose ourselves in a book. We too (2) _____ switch off our devices and set aside a space and time to (3) _____ old habits that once transported us to the world of (4) _____. Studies report that such deep reading leads one to become sensitive and (5) _____ citizens of the community.

SubQuestion No : 22

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

- Ans
- ☒ 1. Shall
 - ☒ 2. should
 - ☒ 3. ought
 - ☒ 4. might

Question ID : 6549789662

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.

In order to promote reading we must become role models for the young by setting (1) _____ our own smart phones to lose ourselves in a book. We too (2) _____ switch off our devices and set aside a space and time to (3) _____ old habits that once transported us to the world of (4) _____. Studies report that such deep reading leads one to become sensitive and (5) _____ citizens of the community.

SubQuestion No : 23

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

- Ans
- ☒ 1. reconstruct
 - ☒ 2. react
 - ☒ 3. reignite
 - ☒ 4. redo

Question ID : 6549789663

Status : Answered

Chosen Option : 2

Comprehension:

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

In order to promote reading we must become role models for the young by setting (1) _____ our own smart phones to lose ourselves in a book. We too (2) _____ switch off our devices and set aside a space and time to (3) _____ old habits that once transported us to the world of (4) _____. Studies report that such deep reading leads one to become sensitive and (5) _____ citizens of the community.

SubQuestion No : 24

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

- Ans
- ☒ 1. imagination
 - ☒ 2. imaginative
 - ☒ 3. imagine
 - ☒ 4. imagines

Question ID : 6549789664

Status : Not Answered

Chosen Option : --

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.

In order to promote reading we must become role models for the young by setting (1) _____ our own smart phones to lose ourselves in a book. We too (2) _____ switch off our devices and set aside a space and time to (3) _____ old habits that once transported us to the world of (4) _____. Studies report that such deep reading leads one to become sensitive and (5) _____ citizens of the community.

SubQuestion No : 25

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

- Ans
- ☒ 1. thoughtfully
 - ☒ 2. thoughtfulness
 - ☒ 3. thoughtful
 - ☒ 4. thoughtless

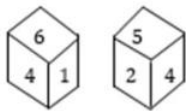
Question ID : 6549789665

Status : Not Answered

Chosen Option : --

Section : General Intelligence

Q.1 Two different positions of the same dice are shown. Select the number that will be at the top if '1' is at the bottom.



- Ans
- ☒ 1. 6
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 2

Question ID : 6549788993

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2 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.

PRMV : KMHQ :: SQVM : ?

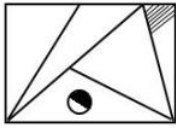
- Ans
- ☒ 1. NLPG
 - ☒ 2. VXSJ
 - ☒ 3. NLQH
 - ☒ 4. OMRJ

Question ID : 6549789692

Status : Not Attempted and Marked For Review

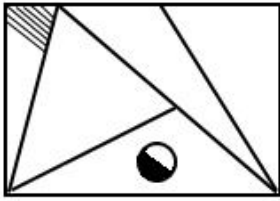
Chosen Option : --

Q.3 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

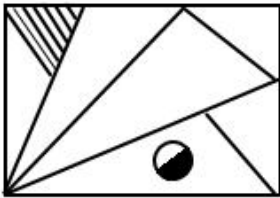


Ans

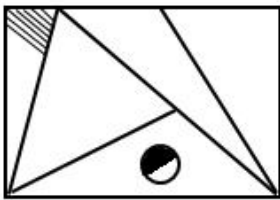
☒ 1.



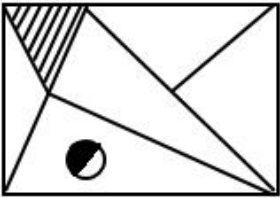
☒ 2.



☒ 3.



☒ 4.



Question ID : 6549789705

Status : Answered

Chosen Option : 1

Q.4 Select the option in which the numbers are related in the same way as are the numbers of the following set.

{9, 21, 16}

Ans

☒ 1. {36, 42, 64}

☒ 2. {16, 32, 25}

☒ 3. {4, 20, 18}

☒ 4. {8, 60, 12}

Question ID : 6549788979

Status : Answered

Chosen Option : 1

Q.5 In a certain code language, PLEASANT is written as BFMQUOBT. How will DISTANCE be written in that language?

- Ans
- ☒ 1. TJEBUFDO
 - ☒ 2. UTJEFDDB
 - ☒ 3. UTESBFOD
 - ☒ 4. UTJEBODF

Question ID : 6549789690

Status : Answered

Chosen Option : 1

Q.6 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. GJDB
 - ☒ 2. MPJH
 - ☒ 3. DGBZ
 - ☒ 4. YBVT

Question ID : 6549789698

Status : Answered

Chosen Option : 4

Q.7 B and D are cousin brothers. A is the father of B and the uncle of C, who is the sister of D. C's mother is married to E, who is the brother of A. How is B related to C's father?

- Ans
- ☒ 1. Nephew
 - ☒ 2. Uncle
 - ☒ 3. Brother-in-law
 - ☒ 4. Son

Question ID : 6549788887

Status : Answered

Chosen Option : 3

Q.8 Which two signs should be interchanged to make the following equation correct?

$$18 - 12 \div 4 + 8 \times 2 = 5$$

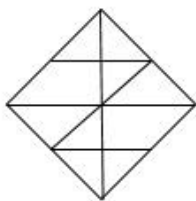
- Ans
- ☒ 1. + and -
 - ☒ 2. ÷ and ×
 - ☒ 3. - and +
 - ☒ 4. + and ÷

Question ID : 6549789683

Status : Answered

Chosen Option : 1

Q.9 How many triangles are there in the following figure?



- Ans
- ☒ 1. 16
 - ☒ 2. 20
 - ☒ 3. 18
 - ☒ 4. 22

Question ID : 6549788995
Status : Answered
Chosen Option : 3

Q.10 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series

g_ ctd_ wpmz_ pctdawp_ zgpct_ a_ pmz

- Ans
- ☒ 1. pgdamw
 - ☒ 2. pagmdw
 - ☒ 3. pamgwd
 - ☒ 4. pgadmw

Question ID : 6549788179
Status : Answered
Chosen Option : 1

Q.11 Select the option in which the numbers are related in the same way as are the numbers of the following set.

{8, 24, 6}

- Ans
- ☒ 1. {8, 16, 3}
 - ☒ 2. {9, 40, 8}
 - ☒ 3. {14, 44, 8}
 - ☒ 4. {3, 12, 8}

Question ID : 6549789685
Status : Answered
Chosen Option : 1

Q.12 Select the option in which the given figure is embedded (rotation is NOT allowed).



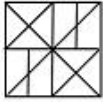
Ans



1.



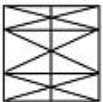
2.



3.



4.



Question ID : 6549789703

Status : Answered

Chosen Option : 2

Q.13 In a certain code language, PRICK is coded as 30 and MAKE is coded as 12. How will CRAZY be coded in that language?

Ans



1. 24



2. 30



3. 28



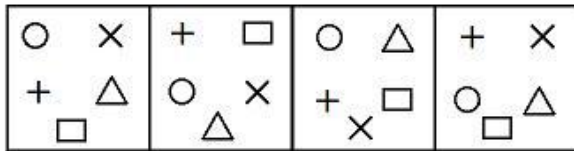
4. 35

Question ID : 6549788984

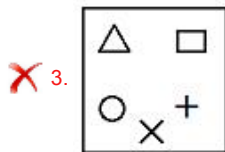
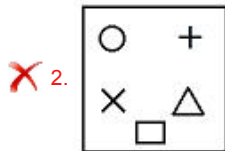
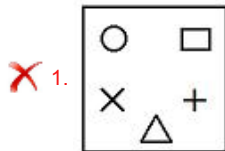
Status : Answered

Chosen Option : 2

Q.14 Select the figure that will come next in the following series.



Ans



Question ID : 6549788994

Status : Answered

Chosen Option : 2

Q.15 Select the number from among the given options that can replace the question mark (?) in the following series.

1, 6, 25, 76, ?, 154

Ans ✗ 1. 134

✗ 2. 123

✓ 3. 153

✗ 4. 164

Question ID : 6549789687

Status : Answered

Chosen Option : 2

Q.16 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. LHFB

✗ 2. RVYC

✓ 3. JFCY

✗ 4. MQTX

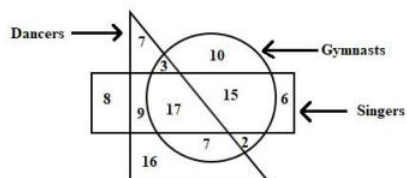
Question ID : 6549788990

Status : Answered

Chosen Option : 1

Q.17 In the given diagram, the shapes indicate the categories of persons. The numbers given in the different segments represent the number of persons in that category.

How many dancers are either gymnasts or singers but NOT both?



- Ans
- ☒ 1. 15
 - ☒ 2. 22
 - ☒ 3. 19
 - ☒ 4. 11

Question ID : 6549788999

Status : Answered

Chosen Option : 1

Q.18 The price of fuel has now increased by 20%. If a customer wants to keep his expenditure on fuel the same, he should reduce the consumption of the quantity of fuel by:

- Ans
- ☒ 1. 15%
 - ☒ 2. $12\frac{1}{2}\%$
 - ☒ 3. $16\frac{2}{3}\%$
 - ☒ 4. 20%

Question ID : 6549788975

Status : Answered

Chosen Option : 2

Q.19 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. 344
 - ☒ 2. 126
 - ☒ 3. 1332
 - ☒ 4. 518

Question ID : 6549788981

Status : Answered

Chosen Option : 3

Q.20 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Cook
2. Morning
3. Lunch
4. Fish
5. Market
6. Dish

Ans  1. 4, 1, 6, 3, 2, 5

 2. 5, 2, 4, 1, 6, 3

 3. 4, 5, 2, 6, 3, 1

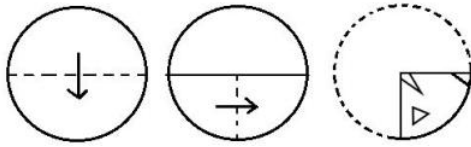
 4. 2, 5, 4, 1, 6, 3

Question ID : **6549788982**

Status : **Answered**

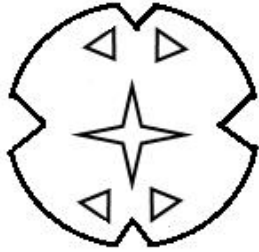
Chosen Option : **2**

Q.21 The sequence of folding a piece of circular 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?

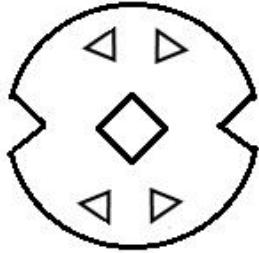


Ans

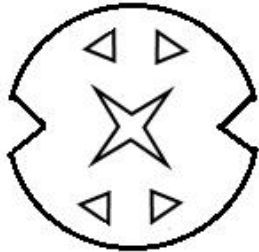
☒ 1.



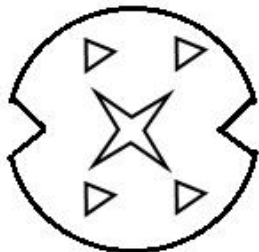
☒ 2.



☒ 3.



☒ 4.



Question ID : 6549789704

Status : Answered

Chosen Option : 1

Q.22 'Accident' is related to 'Carelessness' in the same way as 'Success' is related to _____.

Ans

☒ 1. Employment

☒ 2. Diligence

☒ 3. Promotion

☒ 4. Progress

Question ID : 6549789693

Status : Answered

Chosen Option : 2

Q.23 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

10 : 17

- Ans
- ☐ 1. 17 : 28
 - ☐ 2. 35 : 50
 - ☒ 3. 26 : 37
 - ☐ 4. 20 : 32

Question ID : 6549788977

Status : Answered

Chosen Option : 1

Q.24 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All jasmines are flowers.

No flower is a plant.

Some plants are herbs.

Conclusions:

I. Some jasmines are herbs.

II. No flower is a herb.

III. No jasmine is a flower.

- Ans
- ☐ 1. Only conclusions II and III follow .
 - ☒ 2. Either conclusion I or II follows .
 - ☐ 3. Only conclusions I and II follow.
 - ☐ 4. Only conclusion I follows .

Question ID : 6549789699

Status : Answered

Chosen Option : 2

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

Anger : Emotion

- Ans
- ☐ 1. Alertness : Courage
 - ☒ 2. Rabbit : Mammal
 - ☐ 3. Grass : Lawn
 - ☐ 4. Table : Wood

Question ID : 6549788989

Status : Answered

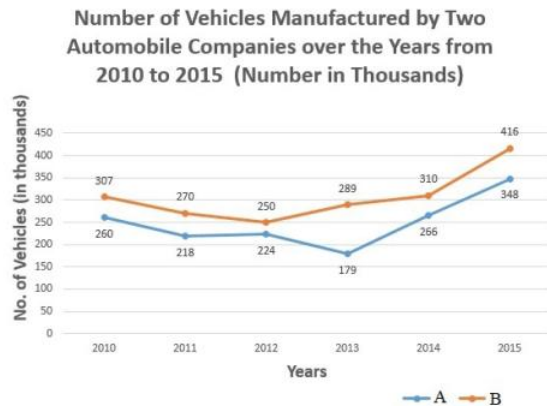
Chosen Option : 4

Section : Quantitative Aptitude

Q.1 Study the line graph and answer the question that follows.

The line graph represents the number of vehicles (in thousands) manufactured by two automobile companies A and B over the years from 2010 to 2015. The X-axis represents the years and the Y-axis represents number of vehicles in thousands.

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



If there was an increase of 24% in the average number of vehicles (in thousands) manufactured by Company B during 2011 to 2014 with respect to number of vehicles manufactured by Company A in 2009, then how many vehicles (in thousands) did Company A manufacture in 2009?

- Ans**
- ☒ 1. 257.6
 - ☒ 2. 274.6
 - ☒ 3. 247.6
 - ☒ 4. 225.6

Question ID : **6549789730**

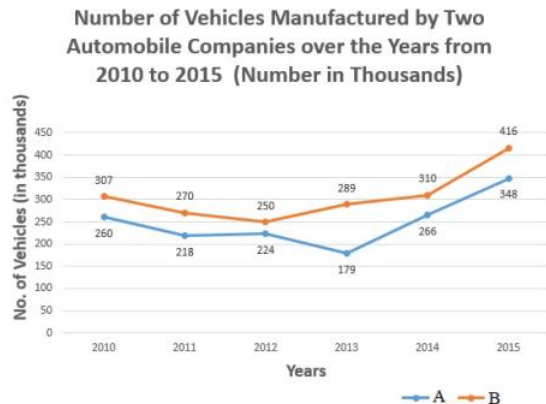
Status : **Answered**

Chosen Option : **2**

Q.2 Study the line graph and answer the question that follows.

The line graph represents the number of vehicles (in thousands) manufactured by two automobile companies A and B over the years from 2010 to 2015. The X-axis represents the years and the Y-axis represents number of vehicles in thousands.

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



What is the difference between the average number of vehicles (in thousands) of the companies A and B for the years 2010, 2012, 2014 and 2015?

- Ans**
- ☒ 1. 48.25
 - ☒ 2. 45.75
 - ☒ 3. 50.25
 - ☒ 4. 46.25

Question ID : **6549789728**

Status : **Answered**

Chosen Option : **3**

Q.3 If $(7x + 3)^3 + (x - 2)^3 + 27(2x - 5)^3 = 9(7x + 3)(x - 2)(2x - 5)$, then the value of $5x + 3$ is:

- Ans**
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 10
 - ☒ 4. 2

Question ID : **6549789721**

Status : **Answered**

Chosen Option : **3**

Q.4 Two persons P and Q are 844 m apart. They both start cycling simultaneously in the same direction with speeds of 12 m/s and 8 m/s, respectively. In how much time will P overtake Q?

- Ans**
- ☒ 1. 3 minutes and 20 seconds
 - ☒ 2. 3 minutes and 31 seconds
 - ☒ 3. 3 minutes and 18 seconds
 - ☒ 4. 3 minutes and 24 seconds

Question ID : **6549789001**

Status : **Answered**

Chosen Option : **2**

Q.5 What is the length (in cm) of the longest rod that can be fitted in a box of dimensions $28 \text{ cm} \times 4 \text{ cm} \times 10 \text{ cm}$?

- Ans**
- ☒ 1. 42
 - ☒ 2. 36
 - ☒ 3. 30
 - ☒ 4. 25

Question ID : **6549789709**

Status : **Answered**

Chosen Option : **2**

Q.6 The perimeter of an isosceles triangle is 3.6 m and its base is 30 cm shorter than each of the equal sides. What is the area (in m^2) of the triangle?

- Ans**
- ☒ 1. 0.6
 - ☒ 2. 0.72
 - ☒ 3. 0.54
 - ☒ 4. 0.8

Question ID : **6549789719**

Status : **Answered**

Chosen Option : **3**

Q.7 What is the value of $\frac{\tan^2 60^\circ - 2\sin^2 45^\circ}{\cos 24^\circ \cos 37^\circ \operatorname{cosec} 53^\circ \cos 60^\circ \operatorname{cosec} 66^\circ + \sin^2 60^\circ}$

- Ans**
- ☒ 1. $1\frac{4}{5}$
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. $1\frac{3}{5}$

Question ID : **6549789019**

Status : **Answered**

Chosen Option : **2**

Q.8 Two successive discounts of 40% and 20%, respectively, on the marked price of an article are equal to a single discount of ₹988. The marked price (in ₹) of the article is:

- Ans**
- ☒ 1. 2,070
 - ☒ 2. 1,900
 - ☒ 3. 2,470
 - ☒ 4. 2,200

Question ID : **6549789711**

Status : **Answered**

Chosen Option : **3**

Q.9 If the simple interest for 9 years be equal to 45% of the principal, then the rate of interest per annum is equal to:

- Ans** ☒ 1. 5%
☒ 2. 8%
☒ 3. 9%
☒ 4. 6%

Question ID : **6549789008**

Status : **Answered**

Chosen Option : 1

Q.10 By selling an article for ₹8,670, a man loses 15%. At what price (in ₹) should he sell it in order to make a profit of 15%?

- Ans** ☒ 1. 11,730
☒ 2. 13,370
☒ 3. 18,590
☒ 4. 23,560

Question ID : **6549789713**

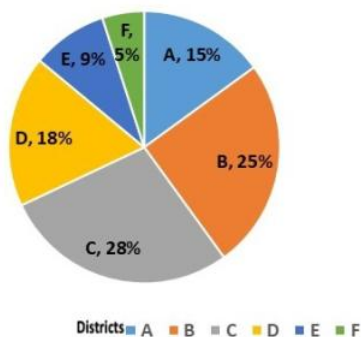
Status : **Answered**

Chosen Option : 2

Q.11 Study the given pie-chart and answer the question that follows.

The pie-chart represents the percentage distribution of candidates qualified in a bank examination from six different districts of a State in 2016. The total number of qualified candidates from the State is 68000.

The percentage distribution of candidates qualified for a bank examination from six districts A, B, C, D, E, and F of a State



If 22% and 20% of the qualified students from Districts B and C, respectively, were 22 years old or below, then the number of qualified students who were above 22 years from District B is what percent (to the nearest integer) of the number of qualified students who were above 22 years from District C?

- Ans** ☒ 1. 60
☒ 2. 80
☒ 3. 67
☒ 4. 87

Question ID : **6549789024**

Status : **Answered**

Chosen Option : 3

Q.12 The given pie charts show the distribution of students of graduate and postgraduate levels in five different institutes, P, Q, R, S and T, in a town. Study the pie charts and answer the question that follows.

(i) Total number of students of graduate level in five different institutes = 12400

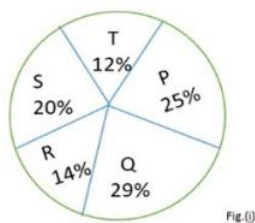


Fig. (i)

(ii) Total number of students of postgraduate level in five different institutes = 8000

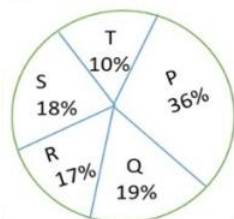


Fig. (ii)

The number of students in graduate level in institute S is approximately what percentage more than the number of students in post graduate level in institute S?

(correct to one decimal place)

- Ans
- ☒ 1. 70.2%
 - ☒ 2. 72.2%
 - ☒ 3. 74.4%
 - ☒ 4. 62.2%

Question ID : 6549787608

Status : Answered

Chosen Option : 3

Q.13 If $(3p - 5m) = 5$ and $pm = 6$, then what is the value of $(9p^2 - 25m^2)$?

- Ans
- ☒ 1. $\pm 5\sqrt{385}$
 - ☒ 2. $30\sqrt{10}$
 - ☒ 3. $5\sqrt{385}$
 - ☒ 4. $\pm 30\sqrt{10}$

Question ID : 6549789722

Status : Answered

Chosen Option : 1

Q.14 A number is mistakenly multiplied by $\frac{7}{5}$ instead of being multiplied by $\frac{3}{2}$. What is the percentage change in the result due to this mistake?

- Ans**
- ☒ 1. $6\frac{2}{3}\%$
 - ☐ 2. $7\frac{2}{3}\%$
 - ☐ 3. $3\frac{2}{3}\%$
 - ☐ 4. $5\frac{2}{3}\%$

Question ID : 6549789005

Status : Answered

Chosen Option : 1

Q.15 When an integer n is divided by 6, the remainder is 5. What is the remainder if $9n$ is divided by 6?

- Ans**
- ☒ 1. 3
 - ☐ 2. 2
 - ☐ 3. 4
 - ☐ 4. 5

Question ID : 6549789016

Status : Answered

Chosen Option : 3

Q.16 If 9685 is divided into three parts in such a way that one-fourth of the first part, one-third of the second part and one-sixth of the third part are equal, then what is the first part?

- Ans**
- ☐ 1. 4470
 - ☐ 2. 2253
 - ☒ 3. 2980
 - ☐ 4. 2235

Question ID : 6549789007

Status : Answered

Chosen Option : 2

Q.17 The sum of the radii of two circles is 286 cm and the area between the concentric circles is 50336 cm^2 . What are the radii (in cm) of the two circles? Take $\pi = \frac{22}{7}$.

- Ans**
- ☐ 1. 115 and 91
 - ☒ 2. 115 and 171
 - ☐ 3. 91 and 84
 - ☐ 4. 171 and 84

Question ID : 6549789717

Status : Answered

Chosen Option : 3

Q.18 The average monthly expenditure of a man is ₹2,400 during the first three months, ₹3,500 during the next five months and ₹4,800 for the remaining four months. If his total saving is ₹3,500 during the entire year, then what is his average monthly income (in ₹)?

- Ans**
- ☒ 1. 4,550
 - ☒ 2. 4,100
 - ☒ 3. 3,700
 - ☒ 4. 3,950

Question ID : **6549789003**
 Status : **Answered**
 Chosen Option : 1

Q.19 The diameter of a semicircle is 5.6 m. What is its perimeter (in m, correct to one decimal place)? (Take $\pi = \frac{22}{7}$.)

- Ans**
- ☒ 1. 11.2
 - ☒ 2. 8.8
 - ☒ 3. 14.4
 - ☒ 4. 17.6

Question ID : **6549789009**
 Status : **Answered**
 Chosen Option : 3

Q.20 What is the value of:

$$\frac{\left[\frac{1}{9} \div \frac{1}{9} \text{ of } \frac{1}{9}\right] \times \frac{1}{9}}{\frac{1}{9} + \frac{1}{9} \text{ of } \frac{1}{9}} ?$$

- Ans**
- ☒ 1. $9\frac{1}{81}$
 - ☒ 2. $8\frac{1}{10}$
 - ☒ 3. $9\frac{1}{10}$
 - ☒ 4. $8\frac{1}{81}$

Question ID : **6549789724**
 Status : **Answered**
 Chosen Option : 2

Q.21 If $\tan\theta = 15$, then what is the value of $\sec\theta$?

- Ans**
- ☒ 1. $\sqrt{226}$
 - ☒ 2. $\frac{1}{\sqrt{224}}$
 - ☒ 3. $\frac{1}{\sqrt{226}}$
 - ☒ 4. $\sqrt{224}$

Question ID : **6549789725**
 Status : **Answered**
 Chosen Option : 3

Q.22 A can complete a piece of work in 7 days and B can complete the same work in 12 days. A and B worked together for 3 days. C alone completed the remaining work in 9 days. How many days will C take to complete the same work entirely?

- Ans
- ☒ 1. 21
 - ☐ 2. 28
 - ☐ 3. 14
 - ☐ 4. 35

Question ID : **6549789707**
 Status : **Answered**
 Chosen Option : **3**

Q.23 The sides AB and AC of a $\triangle ABC$ are produced up to points D and E. The bisectors of the exterior angles so formed, intersect each other at point I. If $\angle ACB$ is 66° and $\angle ABC = 44^\circ$, then what is the measure (in degrees) of $\angle BIC$?

- Ans
- ☐ 1. 52
 - ☐ 2. 50
 - ☐ 3. 48
 - ☒ 4. 55

Question ID : **6549789011**
 Status : **Answered**
 Chosen Option : **2**

Q.24 If $x + y = 5$ and $x^2 + y^2 = 17$ then the value of $(x - y)^2$ is equal to:

- Ans
- ☒ 1. 9
 - ☐ 2. 4
 - ☐ 3. 25
 - ☐ 4. 16

Question ID : **6549789013**
 Status : **Answered**
 Chosen Option : **3**

Q.25 Solve for x:

$$\sin^2 x - 4 \sin x + 3 = 0, 0 \leq x \leq \frac{\pi}{2}$$

- Ans
- ☒ 1. $\frac{\pi}{2}$
 - ☐ 2. $\frac{\pi}{4}$
 - ☐ 3. $\frac{\pi}{6}$
 - ☐ 4. $\frac{\pi}{3}$

Question ID : **6549789727**
 Status : **Answered**
 Chosen Option : **2**

Section : **General Awareness**

Q.1 Teeyan is a festival celebrated in Punjab, which celebrates the onset of _____.

- Ans
- ☒ 1. winter
 - ☒ 2. monsoon
 - ☒ 3. summer
 - ☒ 4. spring

Question ID : 6549789027
Status : Answered
Chosen Option : 2

Q.2 निम्नलिखित में से किस राज्य को नीति आयोग के निर्यात तत्परता सूचकांक 2020 में दूसरा स्थान प्राप्त है?

- Ans
- ☒ 1. केरल
 - ☒ 2. महाराष्ट्र
 - ☒ 3. तमिलनाडु
 - ☒ 4. गुजरात

Question ID : 6549789738
Status : Answered
Chosen Option : 2

Q.3 उस नदी प्रणाली की पहचान कीजिए जिसे आप 'दिहांग (Dihang)' नदी में पाएंगे।

- Ans
- ☒ 1. सिंधु
 - ☒ 2. गंगा
 - ☒ 3. गोदावरी
 - ☒ 4. ब्रह्मपुत्र

Question ID : 6549789040
Status : Answered
Chosen Option : 1

Q.4 निम्नलिखित में से किस भारतीय राज्य में बार नवापारा वन्यजीव अभयारण्य स्थित है?

- Ans
- ☒ 1. सिक्किम
 - ☒ 2. कर्नाटक
 - ☒ 3. असम
 - ☒ 4. छत्तीसगढ़

Question ID : 6549789745
Status : Answered
Chosen Option : 1

Q.5 'पेना' नामक पारंपरिक वाद्ययंत्र निम्नलिखित में से किस राज्य से संबंधित है?

- Ans
- ☒ 1. सिक्किम
 - ☒ 2. केरल
 - ☒ 3. गोवा
 - ☒ 4. मणिपुर

Question ID : 6549789735
Status : Answered
Chosen Option : 2

Q.6 Which of the following is an example of gravitational potential energy?

- Ans
- ☒ 1. Moving car
 - ☒ 2. Bullet fired from a gun
 - ☒ 3. Water that is behind a dam
 - ☒ 4. Foot kicking a ball

Question ID : **6549789741**
Status : **Answered**
Chosen Option : **3**

Q.7 In which Olympic Games did Karnam Malleswari become India's first woman to win an Olympic medal?

- Ans
- ☒ 1. Atlanta 1996 Olympic Games
 - ☒ 2. Brazil 2016 Olympic Games
 - ☒ 3. London 2012 Olympic Games
 - ☒ 4. Sydney 2000 Olympic Games

Question ID : **6549789047**
Status : **Answered**
Chosen Option : **3**

Q.8 Who among the following was the first para-athlete to receive the Rajiv Gandhi Khel Ratna?

- Ans
- ☒ 1. Mariyappan Thangavelu
 - ☒ 2. Devendra Jhajharia
 - ☒ 3. Varun Singh Bhati
 - ☒ 4. Naresh Kumar Sharma

Question ID : **6549789755**
Status : **Answered**
Chosen Option : **1**

Q.9 Who among the following became the youngest Member of Parliament in the 17th Lok Sabha?

- Ans
- ☒ 1. Nusrat Jahan Ruhi
 - ☒ 2. Chandrani Murmu
 - ☒ 3. Gaurav Gogoi
 - ☒ 4. Tejasvi Surya

Question ID : **6549789753**
Status : **Answered**
Chosen Option : **4**

Q.10 Who among the following is the author of the book 'A Fine Balance'?

- Ans
- ☒ 1. Amitav Ghosh
 - ☒ 2. Shashi Tharoor
 - ☒ 3. Rohinton Mistry
 - ☒ 4. Arvind Adiga

Question ID : **6549789750**
Status : **Answered**
Chosen Option : **4**

Q.11 Which of the following does NOT have an opportunity cost?

- Ans
- ☒ 1. Soap
 - ☒ 2. Software
 - ☒ 3. Sunlight
 - ☒ 4. Stylus

Question ID : **6549789032**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following rivers originates from the 'Rakas Lake'?

- Ans
- ☒ 1. Chenab
 - ☒ 2. Beas
 - ☒ 3. Sutlej
 - ☒ 4. Jhelum

Question ID : **6549789744**
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following ministries had the highest percentage increase in budgetary allocation for Budget 2020-21?

- Ans
- ☒ 1. Ministry of Home Affairs
 - ☒ 2. Ministry of Housing and Urban Affairs
 - ☒ 3. Ministry of Agriculture and Farmers' Welfare
 - ☒ 4. Ministry of Communications

Question ID : **6549789740**
Status : **Answered**
Chosen Option : **3**

Q.14 _____ was the first Test cricket captain of an independent Indian team.

- Ans
- ☒ 1. Vijay Hazare
 - ☒ 2. Hemu Adhikari
 - ☒ 3. Bishan Singh Bedi
 - ☒ 4. Lala Amarnath

Question ID : **6549789049**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following teams won the IPL 2020 trophy?

- Ans
- ☒ 1. Chennai Super Kings
 - ☒ 2. Rajasthan Royals
 - ☒ 3. Mumbai Indians
 - ☒ 4. Delhi Capitals

Question ID : **6549789030**
Status : **Answered**
Chosen Option : **3**

Q.16 In which part of the human body will you find the 'superior rectus'?

- Ans
- ☒ 1. Ear
 - ☒ 2. Eye
 - ☒ 3. Nose
 - ☒ 4. Tongue

Question ID : **6549789035**
Status : **Answered**
Chosen Option : **1**

Q.17 Which of the following dynasties made Kanauj (Kanyakubja) its capital city?

- Ans
- ☒ 1. Pala dynasty
 - ☒ 2. Pratihara dynasty
 - ☒ 3. Sena dynasty
 - ☒ 4. Chola dynasty

Question ID : **6549789748**
Status : **Answered**
Chosen Option : **4**

Q.18 In which year was Microsoft's Windows operating system first introduced?

- Ans
- ☒ 1. 1985
 - ☒ 2. 1989
 - ☒ 3. 1991
 - ☒ 4. 1993

Question ID : **6549789733**
Status : **Answered**
Chosen Option : **4**

Q.19 Who among the following is the author of the book 'Cross Connection: The Big Circus Adventure'?

- Ans
- ☒ 1. Aditya Chopra
 - ☒ 2. Rajkumar Rao
 - ☒ 3. Harman Baweja
 - ☒ 4. Jugal Hansraj

Question ID : **6549789044**
Status : **Answered**
Chosen Option : **3**

Q.20 Which of the following is India's fastest super computer as of December 2020?

- Ans
- ☒ 1. PARAM Siddhi-AI
 - ☒ 2. SAGA-220
 - ☒ 3. Pratyush (Cray XC40)
 - ☒ 4. Mihir (Cray XC40)

Question ID : **6549789025**
Status : **Answered**
Chosen Option : **2**

Q.21 Which chemical reaction takes place during the cooking of meat?

- Ans
- ☒ 1. The Finkelstein reaction
 - ☒ 2. The Swartz reaction
 - ☒ 3. The Gattermann reaction
 - ☒ 4. The Maillard reaction

Question ID : **6549789743**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following is the highest hill station in India?

- Ans
- ☒ 1. Leh
 - ☒ 2. Jogimatti
 - ☒ 3. Manali
 - ☒ 4. Ponmudi

Question ID : **6549789039**
Status : **Answered**
Chosen Option : **1**

Q.23 Which movie has been selected as India's official entry to the Oscars 2021?

- Ans
- ☒ 1. Jallikattu
 - ☒ 2. Ek Hazarachi Note
 - ☒ 3. Yellow
 - ☒ 4. Fandry

Question ID : **6549789029**
Status : **Answered**
Chosen Option : **2**

Q.24 Identify the revolutionary from West Bengal who participated in the freedom movement.

- Ans
- ☒ 1. Khudiram Bose
 - ☒ 2. Balakrishnan Nair
 - ☒ 3. Puli Thevar
 - ☒ 4. Mukunda Kakati

Question ID : **6549789042**
Status : **Answered**
Chosen Option : **1**

Q.25 _____ is a draft of a legislative proposal before the House.

- Ans
- ☒ 1. A bill
 - ☒ 2. A revocation
 - ☒ 3. A provision
 - ☒ 4. An act

Question ID : **6549789045**
Status : **Answered**
Chosen Option : **4**