# Combined Higher Secondary Level Examination 2020 (Tier-I)

| Roll Number | Join Youtube Channel |
|---|---|
| Candidate Name | Join Youtube Channel |
| Venue Name | iON Digital Zone iDZ 2 Sector 62 |
| Exam Date | 09/08/2021 |
| Exam Time | 3:00 PM - 4:00 PM |
| Subject | Combined Higher Secondary Level Exam 2020 |

Section : **English Language**

**Q.1** **Select the correct passive form of the given sentence.**

**We mow the lawn once every month.**

Ans ✗ 1. The lawn will be mowed once every month.

✔ 2. The lawn is mowed once every month.

✗ 3. The lawn has been mowed once every month.

✗ 4. The lawn was mowed once every month.

Question ID : **6549786727**

Status : **Answered**

Chosen Option : **2**

**Q.2** **Select the most appropriate synonym of the given word.**

**DELECTABLE**

Ans ✗ 1. unpleasant

✔ 2. luscious

✗ 3. horrible

✗ 4. offensive

Question ID : **6549786750**

Status : **Answered**

Chosen Option : **2**

**Q.3** **Select the most appropriate option to fill in the blank.**

**With a lot of difficulty, he could _____ only two tickets for the train from Mumbai to Ranchi.**

Ans ✗ 1. attain

✗ 2. incur

✔ 3. procure

✗ 4. gain

Question ID : **6549786752**

Status : **Answered**

Chosen Option : **3**

**Q.4** Select the correct indirect form of the given sentence.

**The supervisor said to the staff, "Make sure that every room is disinfected properly."**

**Ans** ✗ 1. The supervisor instructed the staff to make sure that every room was being disinfected properly.

✗ 2. The supervisor instructs the staff to make sure that every room is disinfected properly.

✔ 3. The supervisor instructed the staff to make sure that every room was disinfected properly.

✗ 4. The supervisor instructed the staff to make sure that every room had been disinfected properly.

Question ID : **6549788647**

Status : **Answered**

Chosen Option : **3**

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

**Ans** ✗ 1. convert

✗ 2. converse

✔ 3. convean

✗ 4. convent

Question ID : **6549786745**

Status : **Answered**

Chosen Option : **3**

**Q.6** Select the most appropriate word to fill in the blank.

**The prisoner was very upset and angry and there was _____ in her voice.**

**Ans** ✔ 1. bitterness

✗ 2. stillness

✗ 3. eagerness

✗ 4. thickness

Question ID : **6549788670**

Status : **Answered**

Chosen Option : **1**

**Q.7** Select the most appropriate meaning of the given idiom.

**Needle in a haystack**

**Ans** ✔ 1. Something impossible to find

✗ 2. Someone in trouble

✗ 3. Someone having vast opportunities

✗ 4. Something very trivial

Question ID : **6549786744**

Status : **Answered**

Chosen Option : **1**

**Q.8**  **Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. They were covered with mud from head to foot.
B. Two men were fighting, crying out and cursing, at the bottom of the ditch.
C. "Stop that!" shouted the sergeant.
D. Three or four soldiers, holding torches, were standing around a ditch.

**Ans**    ✗ 1. BACD

         ✓ 2. DBAC

         ✗ 3. DCBA

         ✗ 4. BDAC

> Question ID : **6549786738**
> Status : **Answered**
> Chosen Option : **2**

**Q.9**  **In the given sentence, identify the segment which contains the grammatical error.**

Amphan, the more severe cyclone in the Bay of Bengal since the super cyclone of 1999, made landfall in the afternoon on Wednesday.

**Ans**    ✗ 1. made landfall

         ✗ 2. since the super cyclone

         ✗ 3. in the afternoon

         ✓ 4. the more severe cyclone

> Question ID : **6549786730**
> Status : **Answered**
> Chosen Option : **4**

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

**NONDESCRIPT**

**Ans**    ✗ 1. ordinary

         ✗ 2. common

         ✓ 3. distinguished

         ✗ 4. vague

> Question ID : **6549786742**
> Status : **Answered**
> Chosen Option : **4**

**Q.11**  **Select the INCORRECTLY spelt word.**

**Ans**    ✗ 1. collide

         ✗ 2. conscious

         ✓ 3. grammer

         ✗ 4. existence

> Question ID : **6549788665**
> Status : **Answered**
> Chosen Option : **3**

**Q.12** Select the most appropriate meaning of the given idiom.

**A blessing in disguise**

Ans ✗ 1. a person who blesses others quietly

✗ 2. an event that is unknown

✗ 3. someone who comes disguised

✔ 4. something good that isn't recognised at first

> Question ID : **6549788662**
> Status : **Answered**
> Chosen Option : **4**

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

**A person who pretends to have morals and beliefs that he or she doesn't believe in**

Ans ✗ 1. radical

✗ 2. versatile

✔ 3. hypocrite

✗ 4. communal

> Question ID : **6549788667**
> Status : **Answered**
> Chosen Option : **3**

**Q.14** Select the most appropriate synonym of the given word.

**COMPLICATED**

Ans ✗ 1. plain

✔ 2. complex

✗ 3. painful

✗ 4. simplified

> Question ID : **6549788668**
> Status : **Answered**
> Chosen Option : **2**

**Q.15** Select the most appropriate ANTONYM of the given word.

**COMPLETE**

Ans ✗ 1. vacant

✗ 2. bulky

✗ 3. plentiful

✔ 4. partial

> Question ID : **6549788660**
> Status : **Answered**
> Chosen Option : **4**

**Q.16** Select the option which means the same as the group of words given.

**One who cannot be reformed or changed**

**Ans** ✗ 1. infallible

✓ 2. incorrigible

✗ 3. invincible

✗ 4. indelible

Question ID : **6549786747**

Status : **Answered**

Chosen Option : **2**

**Q.17** Given below are four jumbled sentences. Out of the given options, select the one that gives their correct order.

**A. It becomes evident from their stories that their desire to succeed became their driving force, their purpose in life.**
**B. We read many stories of people who overcame serious disabilities.**
**C. This is what made a paralytic, Wilma Rudolf, win three gold medals on the track in the 1960 Olympics.**
**D. They wanted to prove to themselves that they could do it in spite of all odds - and they did it.**

**Ans** ✗ 1. ADBC

✗ 2. BCDA

✗ 3. ACBD

✓ 4. BADC

Question ID : **6549788656**

Status : **Answered**

Chosen Option : **4**

**Q.18** 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'.

**Ashoka was one of <u>the greater king</u> of India.**

**Ans** ✓ 1. the greatest kings

✗ 2. the greater kings

✗ 3. No substitution

✗ 4. the more great kings

Question ID : **6549786739**

Status : **Answered**

Chosen Option : **1**

**Q.19** **In the given sentence, identify the segment which contains a grammatical error.**

**We've decided to spend our time play online games as we will not go out on a vacation this year.**

**Ans** ✗ 1. we've decided

✗ 2. not go out

✗ 3. to spend our time

✓ 4. play online games

> Question ID : **6549788648**
>
> Status : **Answered**
>
> Chosen Option : **4**

**Q.20** **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'.**

**Just like a spider that spins its own web and later destroys it, human beings can also destroy the web of desires that <u>engulfs it</u>.**

**Ans** ✓ 1. engulfs them

✗ 2. engulf it

✗ 3. engulfing it

✗ 4. No substitution

> Question ID : **6549788659**
>
> Status : **Answered**
>
> Chosen Option : **1**

**Comprehension:**

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

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

**SubQuestion No : 21**

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

**Ans** ✗ 1. them

✗ 2. her

✗ 3. our

✓ 4. their

> Question ID : **6549786732**
>
> 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.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

**SubQuestion No : 22**

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

**Ans** ✗ 1. are

✗ 2. was

✗ 3. were

✔ 4. is

Question ID : **6549786733**

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.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

**SubQuestion No : 23**

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

**Ans** ✗ 1. is including

✗ 2. include

✗ 3. has included

✔ 4. includes

Question ID : **6549786734**

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.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

**SubQuestion No : 24**

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

Ans    ✗ 1. indication

     ✓ 2. reference

     ✗ 3. practice

     ✗ 4. suggestion

Question ID : **6549786735**

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.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

**SubQuestion No : 25**

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

Ans    ✗ 1. cheered

     ✗ 2. heartened
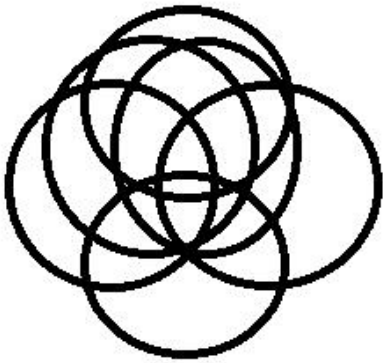
     ✗ 3. boosted

     ✓ 4. encouraged

Question ID : **6549786736**

Status : **Answered**

Chosen Option : **4**

Section : **General Intelligence**

**Q.1** Find the number of circles in the following figure.



**Ans**   ✗ 1. 10

   ✗ 2. 8

   ✓ 3. 6

   ✗ 4. 11

Question ID : **6549788692**

Status : **Marked For Review**

Chosen Option : **3**

**Q.2**  **Three of the following four letter-clusters are alike in a certain way and one is different.**
**Select the odd one.**

**Ans**   ✗ 1. ENO

   ✓ 2. UOD

   ✗ 3. ILO

   ✗ 4. ULO

Question ID : **6549788687**

Status : **Answered**

Chosen Option : **3**

**Q.3**  **Five of the following six numbers are alike in a certain way and one is different. Select**
**the number that is different from the rest.**

**8, 24, 125, 343, 1331, 2197**

**Ans**   ✗ 1. 125

   ✗ 2. 1331

   ✓ 3. 24

   ✗ 4. 2197

Question ID : **6549788678**

Status : **Answered**

Chosen Option : **3**

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

**k l _ p n _ k l m p _ b _ l m _ n b k _ m p n b**

**Ans** ✅ 1. m, b, n, k, p, l

❌ 2. n, m, b, l, p, k

❌ 3. m, n, b, p, k, l

❌ 4. k, l, m, n, b, p

Question ID : **6549787876**

Status : **Answered**

Chosen Option : **1**

**Q.5** Rohit is three times the age of his son Rishabh. Five years ago, he was four times older than Rishabh. What is Rohit's age at present?

**Ans** ✅ 1. 45 years

❌ 2. 30 years

❌ 3. 60 years

❌ 4. 15 years

Question ID : **6549788672**

Status : **Answered**

Chosen Option : **1**

**Q.6** If in a code language, DISK is coded as 65 and WIRE is coded as 53, then how will you code CELL?

**Ans** ❌ 1. 32

❌ 2. 46

✅ 3. 76

❌ 4. 82

Question ID : **6549788681**

Status : **Answered**

Chosen Option : **3**

**Q.7** In a certain code language, VIRTUE is written as XCBYAN. How will MODEST be written in that language?

**Ans** ✅ 1. JISNYY

❌ 2. INYJYS

❌ 3. IJNYYS

❌ 4. JISYNY

Question ID : **6549786761**

Status : **Answered**

Chosen Option : **1**

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

**Bread : Wheat**

**Ans** ✘ 1. Book : Library

✔ 2. Sauce : Tomato

✘ 3. Meal : Flour

✘ 4. Zoo : Animal

Question ID : **6549788686**

Status : **Answered**

Chosen Option : **2**

**Q.9** Arrange the following words in a logical and meaningful order.

**1. Plan**
**2. Shop**
**3. Mall**
**4. Drive**
**5. Return**

**Ans** ✘ 1. 1, 4, 2, 5, 3

✘ 2. 4, 5, 1, 2, 3

✔ 3. 1, 4, 3, 2, 5

✘ 4. 3, 4, 5, 2, 1

Question ID : **6549788679**

Status : **Answered**

Chosen Option : **3**

**Q.10** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**
**Some magicians are psychologists.**
**All psychologists are tourists.**

**Conclusions:**
**I. All tourists are psychologists.**
**II. All magicians are tourists.**

**Ans** ✔ 1. Neither conclusion I nor II follows

✘ 2. Both conclusions I and II follow

✘ 3. Only conclusion II follows

✘ 4. Only conclusion I follows

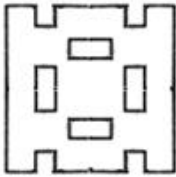Question ID : **6549786770**

Status : **Answered**

Chosen Option : **1**

**Q.11** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?
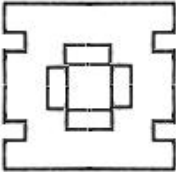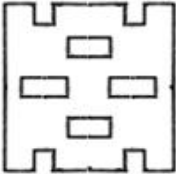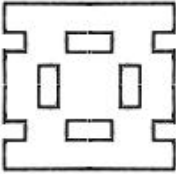


**Ans**

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 
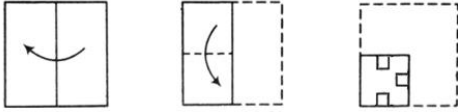
Question ID : **6549786775**
Status : **Answered**
Chosen Option : **1**

**Q.12** Select the option that is related to the third word in the same way as the second word is related to the first word.

**Dolphins : Click : : Jackals : ?**

**Ans** ✘ 1. Bleat

✔ 2. Howl

✘ 3. Squeak

✘ 4. Scream

Question ID : **6549786764**
Status : **Answered**
Chosen Option : **2**

**Q.13** Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

**Ans** ✔ 1. Piglet

✖ 2. Herd

✖ 3. Horde

✖ 4. Ambush

Question ID : **6549786769**

Status : **Answered**

Chosen Option : **1**

**Q.14** Select the option that is related to the third number in the same way as the second number is related to the first number.

**27 : 702 : : 12 : ?**

**Ans** ✖ 1. 402

✔ 2. 132

✖ 3. 341

✖ 4. 103

Question ID : **6549788674**

Status : **Answered**

Chosen Option : **2**

**Q.15** Three of the following four number triads are alike in a certain way and one is different. Select the one that is different.

**Ans** ✖ 1. (1, 2, 1)

✖ 2. (3, 6, 9)

✔ 3. (2, 4, 8)

✖ 4. (4, 8, 16)

Question ID : **6549788676**

Status : **Answered**

Chosen Option : **1**

**Q.16** Two different positions of the same dice are given below. How many dots will be on the face opposite to the face having 1 dot?
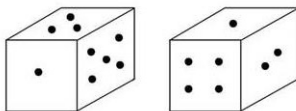


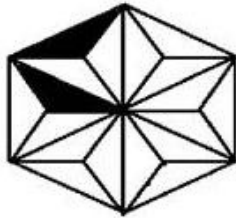**Ans** ✖ 1. 2

✔ 2. 6

✖ 3. 5

✖ 4. 4

Question ID : **6549788690**

Status : **Answered**

Chosen Option : **2**

**Q.17** Select the figure that will come next in the following figure series.
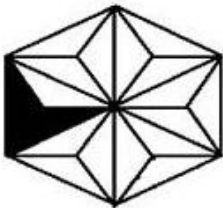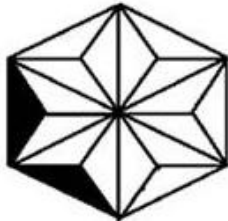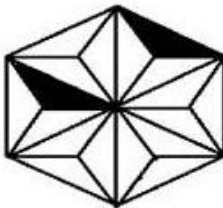


**Ans**

✗ 1. 

✔ 2. 

✗ 3. 

✗ 4. 

Question ID : **6549788691**

Status : **Answered**

Chosen Option : **3**

**Q.18** Select the number from among the given options that can replace the question mark (?) in the following series.

**5, 9, 16, 31, 60, 119, ?**

**Ans** ✗ 1. 326

✔ 2. 236

✗ 3. 436

✗ 4. 346

Question ID : **6549786758**

Status : **Answered**

Chosen Option : **2**

**Q.19** **Select the correct combination of mathematical signs that can sequentially replace the**
**\* signs and balance the given equation.**

**7 \* 96 \* 8 \* 39 \* 25 = 70**

**Ans** ✓ 1. ×, ÷, −, +

✗ 2. −, ×, ÷, +

✗ 3. ×, −, ÷, +

✗ 4. +, ÷, −, ×

Question ID : **6549786754**

Status : **Answered**

Chosen Option : **1**

**Q.20** **Pointing to a lady, Raj said, "She is the only daughter of the brother of my mother's**
**father-in-law". How is the lady related to Raj?**

**Ans** ✗ 1. Cousin

✗ 2. Sister-in-law

✓ 3. Aunt

✗ 4. Sister

Question ID : **6549789802**

Status : **Answered**

Chosen Option : **1**

**Q.21** Select the option in which the given figure is embedded (rotation is NOT allowed).



**Ans**

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 
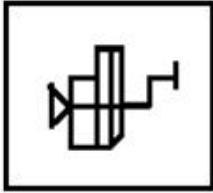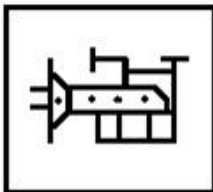
Question ID : **6549786774**

Status : **Answered**

Chosen Option : **2**

**Q.22** Select the option in which the numbers are related in the same way as are the numbers of the following set.

**(3, 3, 11)**

**Ans**   ✗ 1. (6, 15, 47)

✓ 2. (7, 11, 35)

✗ 3. (4, 5, 18)

✗ 4. (5, 8, 26)

Question ID : **6549786756**

Status : **Answered**

Chosen Option : **2**

**Q.23** Observe the following diagram and answer the question that follows.
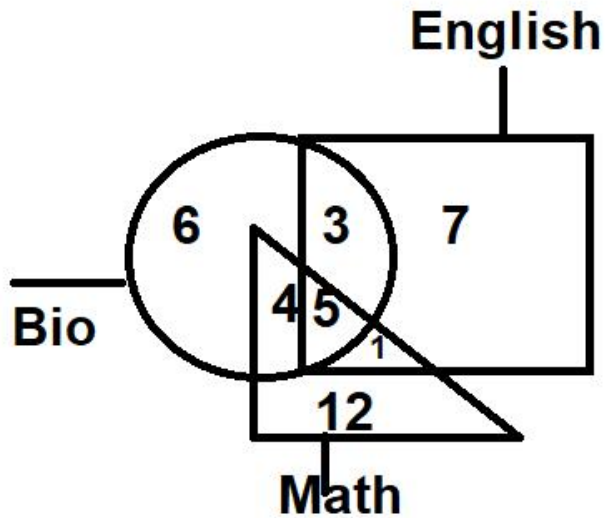


Find the number of students who study two or more subjects.

**Ans**    ✗ 1. 9

     ✗ 2. 7

     ✔ 3. 13

     ✗ 4. 5

Question ID : **6549788696**
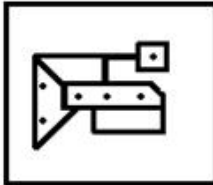
Status : **Answered**

Chosen Option : **3**

**Q.24** Select the option that is related to the third term in the same way as the second term is related to the first term.

**RIGHT : UGKKR : : CHAOS : ?**

**Ans**    ✔ 1. FFERQ

     ✗ 2. FEFRQ

     ✗ 3. FQREF

     ✗ 4. FREFQ

Question ID : **6549786763**

Status : **Answered**

Chosen Option : **1**

**Q.25** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

GOVERNMENT

**Ans** ✗ 1. TИƎMИЯƎVOϽ

✓ 2. TИƎMИЯƎVOϽ

✗ 3. ϽOΛƎЯИMƎИT

✗ 4. ϽOΛƎЯИMƎИT

Question ID : **6549786776**

Status : **Answered**

Chosen Option : **2**

Section : **Quantitative Aptitude**

**Q.1**

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

A soft drink company prepares drinks of three different flavours A, B and C. The bar graph shows the production of three flavours over a period of five years from 2010 to 2014.

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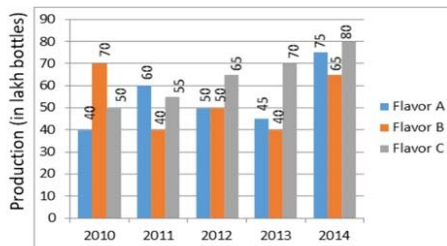


What percentage of the total production of soft drink of flavour A in 2013 and 2014 is the total production of soft drink of flavour B in 2011 and 2012?

**Ans** ✓ 1. 75 %

✗ 2. 70 %

✗ 3. 60 %

✗ 4. 55 %

Question ID : **6549787407**

Status : **Answered**

Chosen Option : **1**

**Q.2** Study the given graph and answer the question that follows.

**Percentage distribution of total expenditure of a company**
**Under various heads during a year**
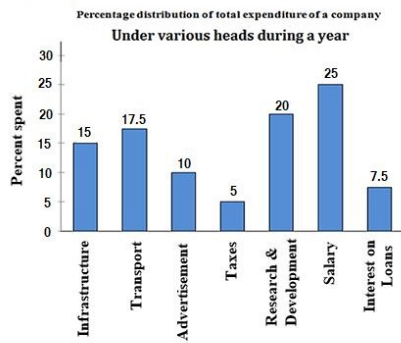


What is the ratio of the total expenditure on Infrastructure and Transport to the total expenditure on Taxes and Interest on Loans?

**Ans**
❌ 1. $13 : 6$

❌ 2. $13 : 8$

❌ 3. $13 : 7$

✅ 4. $13 : 5$

Question ID : **6549788315**
Status : **Answered**
Chosen Option : **4**

**Q.3** In what time will a sum of ₹1,25,000 amount to ₹1,48,877 at 12% per annum, if interest is being compounded half-yearly?

**Ans**
❌ 1. 3 years

❌ 2. 1 year

✅ 3. $1\frac{1}{2}$ year

❌ 4. $2\frac{1}{2}$ years

Question ID : **6549788705**
Status : **Answered**
Chosen Option : **3**

**Q.4** If $3x + y = 12$ and $xy = 9$, then the value of $(3x - y)$ is:

**Ans**
✅ 1. 6

❌ 2. 5

❌ 3. 3

❌ 4. 4

Question ID : **6549788710**
Status : **Answered**
Chosen Option : **1**

**Q.5** The average of 29 numbers is 38. The average of the first 19 numbers is 34 and that of the last 9 numbers is 48. The 20th number is:

**Ans** ✔ 1. 24

✘ 2. 26

✘ 3. 28

✘ 4. 22

Question ID : **6549788700**

Status : **Answered**

Chosen Option : **1**

**Q.6** If $a^2 + b^2 + c^2$ = 576 and $(ab + bc + ca)$ = 50, then what is the value of $(a + b + c)$, if $(a + b + c) < 0$?

**Ans** ✘ 1. $\pm 26$

✔ 2. $-26$

✘ 3. $\pm 24$

✘ 4. $-24$

Question ID : **6549786793**

Status : **Answered**

Chosen Option : **2**

**Q.7** If $x : y = 4 : 5$, then the value of $(8x - 6y) : (9x - 7y)$ is:

**Ans** ✘ 1. $1 : 2$

✘ 2. $2 : 3$

✘ 3. $1 : 3$

✔ 4. $2 : 1$

Question ID : **6549788704**

Status : **Answered**

Chosen Option : **4**

**Q.8** If $\sin B = \dfrac{9}{41}$, then what is the value of cot B, where $0° < B < 90°$?

**Ans** ✘ 1. $\dfrac{9}{40}$

✔ 2. $\dfrac{40}{9}$

✘ 3. $\dfrac{9}{41}$

✘ 4. $\dfrac{41}{9}$

Question ID : **6549786796**

Status : **Answered**

Chosen Option : **2**

**Q.9** If $\left(2x + \dfrac{1}{2x}\right) = 5$, then what is the value of $\left(8x^3 + \dfrac{1}{8x^3}\right)$?

**Ans**
  ✔ 1. 110
  ✘ 2. 100
  ✘ 3. 120
  ✘ 4. 125

Question ID : **6549786792**
Status : **Answered**
Chosen Option : **1**

**Q.10** Two trains X and Y of lengths 450 meters and 550 meters, respectively, are running in the same direction on parallel tracks. If the speeds of X and Y are 58 km/h and 86 km/h, respectively, then what will be the time taken by them to cross each other?
(correct to one decimal place)

**Ans**
  ✔ 1. 128.6 seconds
  ✘ 2. 122.6 seconds
  ✘ 3. 124.6 seconds
  ✘ 4. 126.6 seconds

Question ID : **6549788698**
Status : **Answered**
Chosen Option : **1**

**Q.11** The list price of coconut oil is 15% more than its cost price. At what per cent less should it be sold for no profit and no loss?

**Ans**
  ✔ 1. $13\dfrac{1}{23}$ %
  ✘ 2. $13\dfrac{4}{23}$ %
  ✘ 3. $13\dfrac{2}{23}$ %
  ✘ 4. $13\dfrac{3}{23}$ %

Question ID : **6549788702**
Status : **Answered**
Chosen Option : **1**

**Q.12** In a circle, two chords $UV$ and $WX$ intersect each other at a point $Z$ within the circle. If $UV = 18$ cm, $ZV = 6$ cm and $WZ = 9$ cm, then the length of $ZX$ is:

**Ans**
  ✔ 1. 8 cm
  ✘ 2. 10 cm
  ✘ 3. 4 cm
  ✘ 4. 6 cm

Question ID : **6549788706**
Status : **Answered**
Chosen Option : **1**

**Q.13** A can complete one-sixth of a work in 5 days and B can complete one-fourth of the same work in 15 days. In how many days, will both working together complete the work?

**Ans** ✗ 1. 12 days

✗ 2. 25 days

✗ 3. 10 days

✔ 4. 20 days

Question ID : **6549786778**
Status : **Answered**
Chosen Option : **4**

**Q.14** Study the given bar graphs and answer the question that follows.

The bar graphs represent the amount invested in raw materials (in ₹ crore) and the sale of the products, by a textile company in the years 2007– 2012. The X-axis represents the years. The Y-axis represents the amount invested in raw materials (in ₹ crore) in figure 1 and sale of products in figure 2, respectively.
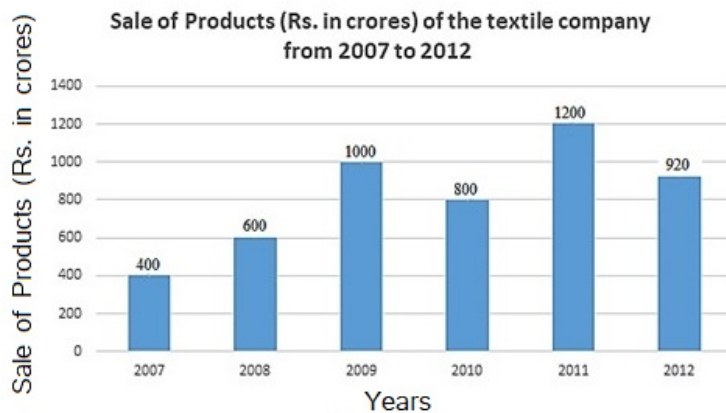


Figure 1



Figure 2

In which two years was the difference of the amount invested and the sales of products the same?

**Ans**

✔ 1. 2008 and 2011

✘ 2. 2009 and 2012

✘ 3. 2010 and 2011

✘ 4. 2007 and 2009

Question ID : **6549786799**
Status : **Answered**
Chosen Option : **1**

**Q.15** The total surface area of a solid cube is $4.86 \text{ m}^2$. It is melted and recast into a right circular cylinder of radius 0.3 m.

What is the height (in m) of the cylinder (correct to one decimal place)? Take $\pi = \frac{22}{7}$.

**Ans**
  ✗ 1. 3.5

  ✗ 2. 1.8

  ✓ 3. 2.6

  ✗ 4. 2.8

> Question ID : **6549786780**
> Status : **Answered**
> Chosen Option : **3**

**Q.16** A buys an article for ₹900 and sells it to B at a profit of 25%. B sells it to C, who sells it for ₹1,350, at a loss of 10%.

What profit percent (to the nearest integer) did B make?

**Ans**
  ✗ 1. 34

  ✗ 2. 35

  ✓ 3. 33

  ✗ 4. 30

> Question ID : **6549786784**
> Status : **Answered**
> Chosen Option : **3**

**Q.17** Study the following graph and answer the question that follows.

Number of students that appeared and qualified, from various colleges, at a scholarship examination.
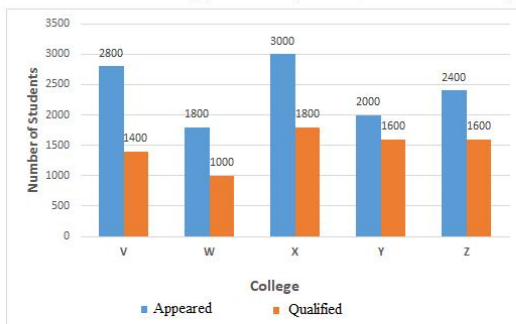


The average number of students that qualified in the examination from Colleges X and Y is what percentage of the average number of students that appeared for the examination from the same colleges?

**Ans**
  ✗ 1. 64

  ✗ 2. 62

  ✗ 3. 66

  ✓ 4. 68

> Question ID : **6549788721**
> Status : **Answered**
> Chosen Option : **4**

**Q.18** If $31^{47} + 43^{47}$ is divided by 37, the remainder is:

**Ans**
- ✗ 1. 1
- ✗ 2. 3
- ✔ 3. 0
- ✗ 4. 2

Question ID : **6549788713**
Status : **Answered**
Chosen Option : **3**

**Q.19** For what value of $\theta$ ( in degrees ) is the following equation true?

$$sin\, 3\theta\, cos\, \theta - cos\, 3\theta\, sin\, \theta = \frac{1}{2}, 0 < \theta < \frac{\pi}{2}$$

**Ans**
- ✗ 1. 60
- ✗ 2. 30
- ✔ 3. 15
- ✗ 4. 45

Question ID : **6549786798**
Status : **Answered**
Chosen Option : **3**

**Q.20** The perimeter of an isosceles triangle is 220 cm. If the base is 40 cm, then the length of each of the other sides is:

**Ans**
- ✗ 1. 85 cm
- ✗ 2. 80 cm
- ✔ 3. 90 cm
- ✗ 4. 95 cm

Question ID : **6549788708**
Status : **Answered**
Chosen Option : **3**

**Q.21** The value of $\dfrac{\cos 8°\cos 24°\cos 60°\cos 66°\cos 82°}{\sin 82°\sin 66°\sin 60°\sin 8°\sin 24°}$ is:

**Ans**
- ✗ 1. $\dfrac{1}{\sqrt{2}}$
- ✗ 2. 0
- ✗ 3. 1
- ✔ 4. $\dfrac{1}{\sqrt{3}}$

Question ID : **6549788716**
Status : **Answered**
Chosen Option : **4**

**Q.22** A dealer allows his customers a discount of 35% and still gains 30%. If the cost price of an article is ₹950, then what is its marked price (in ₹)?

**Ans** ✗ 1. 1,750

✗ 2. 1,500

✓ 3. 1,900

✗ 4. 1,800

Question ID : **6549786782**
Status : **Answered**
Chosen Option : **3**

**Q.23** The difference between the two perpendicular sides of a right-angled triangle is 17 cm and its area is 84 $cm^2$ . What is the perimeter (in cm) of the triangle?

**Ans** ✗ 1. 49

✗ 2. 72

✓ 3. 56

✗ 4. 65

Question ID : **6549786790**
Status : **Answered**
Chosen Option : **3**

**Q.24** Chords AB and CD of a circle intersect externally at P. If AB = 8.8 cm, PB = 7.2 cm, PD = 6.4 cm, then CD is equal to:

**Ans** ✗ 1. 10.8 cm

✗ 2. 11.4 cm

✗ 3. 10.6 cm

✓ 4. 11.6 cm

Question ID : **6549786788**
Status : **Answered**
Chosen Option : **4**

**Q.25** The value of

$28 \div [25 + 8 \div 4 - \{25 + (25 \, of \, 8 \div 20) - (125 \div 5 \, of \, 25)\}] + (25 \times 5)$ is:

**Ans** ✗ 1. 129

✗ 2. −4

✗ 3. −121

✓ 4. 121

Question ID : **6549786795**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

**Q.1** Which of the following recommends Minimum Support Prices for crops in India?

**Ans** ✗ 1. Fiscal Prudence Commission

✗ 2. NITI Aayog

✗ 3. Indian Council of Agricultural Research

✔ 4. Commission for Agricultural Costs & Prices

Question ID : **6549788729**

Status : **Answered**

Chosen Option : **3**

**Q.2** Who became the Chief Justice of Jammu and Kashmir High Court in December 2020?

**Ans** ✗ 1. Umesh Sinha

✔ 2. Pankaj Mithal

✗ 3. Sanjib Banerjee

✗ 4. Hemant Kumar Pandey

Question ID : **6549786824**

Status : **Answered**

Chosen Option : **2**

**Q.3** Who was the President of the Indian National Congress when India won its freedom in the year 1947?

**Ans** ✗ 1. Jawaharlal Nehru

✔ 2. J. B. Kripalani

✗ 3. Vallabhbhai Patel

✗ 4. Abul Kalam Azad

Question ID : **6549788739**

Status : **Answered**

Chosen Option : **3**

**Q.4** Who among the following was adjudged as the 'Player of the Series' in the Australia versus India T20I series played in December 2020?

**Ans** ✗ 1. T Natarajan

✗ 2. Mitchell Swepson

✗ 3. Matthew Wade

✔ 4. Hardik Pandya

Question ID : **6549788744**

Status : **Answered**

Chosen Option : **4**

**Q.5** Which of the following is the largest river island in India?

**Ans** ✖ 1. Gundu island

✖ 2. Divar island

✔ 3. Majuli island

✖ 4. Diu island

Question ID : **6549788737**

Status : **Answered**

Chosen Option : **3**

**Q.6** As of December 2020, under the Startup India Initiative, the monthly allowance for startups with women as founder/co-founder was _____ per month for a period of one year.

**Ans** ✔ 1. ₹20,000

✖ 2. ₹30,000

✖ 3. ₹40,000

✖ 4. ₹50,000

Question ID : **6549788727**

Status : **Marked For Review**

Chosen Option : **4**

**Q.7** ISRO launched _____, it's 42nd communication satellite, in December 2020.

**Ans** ✖ 1. INSAT-4CR

✖ 2. GSAT-30

✔ 3. CMS-01

✖ 4. GSAT-31

Question ID : **6549786814**

Status : **Answered**

Chosen Option : **1**

**Q.8** Which of the following was included as an official Olympic sport in December 2020?

**Ans** ✖ 1. Cricket

✖ 2. Bowling

✖ 3. Chess

✔ 4. Breakdancing

Question ID : **6549786826**

Status : **Answered**

Chosen Option : **2**

**Q.9** On which of the following days is World Computer Literacy Day observed?

**Ans** ✗ 1. 13 May

✗ 2. 5 June

✗ 3. 30 September

✓ 4. 2 December

Question ID : **6549786804**

Status : **Marked For Review**

Chosen Option : **3**

**Q.10** What is the minimum age requirement for appointment as a Governor?

**Ans** ✗ 1. 26 years

✓ 2. 35 years

✗ 3. 42 years

✗ 4. 25 years

Question ID : **6549788742**

Status : **Answered**

Chosen Option : **2**

**Q.11** Mount Jopuno is situated in which of the following states?

**Ans** ✗ 1. Uttarakhand

✗ 2. Andhra Pradesh

✓ 3. Sikkim

✗ 4. Himachal Pradesh

Question ID : **6549786815**

Status : **Marked For Review**

Chosen Option : **3**

**Q.12** Who among the following is one of the seven winners of the Young Champions of the Earth 2020 prize given by UNEP?

**Ans** ✗ 1. Veer Vikram Singh

✗ 2. Khushi Chindaliya

✗ 3. Suchi Chaudhary

✓ 4. Vidyut Mohan

Question ID : **6549786809**

Status : **Marked For Review**

Chosen Option : **2**

**Q.13** Which company invested ₹11,400 crores during the financial year 2019-2020 across its market payments and wholesale business units in India to strengthen its foothold in India?

**Ans**
❌ 1. eBay Inc.

❌ 2. Walmart Inc.

❌ 3. Apple Inc.

✅ 4. Amazon.com, Inc.

Question ID : **6549786811**

Status : **Marked For Review**

Chosen Option : **4**

**Q.14** Who among the following won the Golden Globe 2020 award for 'Best Performance by an Actor in a Motion Picture – Drama'?

**Ans**
❌ 1. Lucas Hedges

❌ 2. John David Washington

✅ 3. Joaquin Phoenix

❌ 4. Jonathan Pryce

Question ID : **6549788741**

Status : **Answered**

Chosen Option : **3**

**Q.15** From which of the following sources does the brain get energy?

**Ans**
❌ 1. Amino acids

❌ 2. Nucleic acids

❌ 3. Fatty acids

✅ 4. Glucose

Question ID : **6549786812**

Status : **Answered**

Chosen Option : **1**

**Q.16** Which of the following is NOT one of the three parallel ranges of the Himalayas in its longitudinal extent?

**Ans**
❌ 1. Himadri

❌ 2. Shiwaliks

❌ 3. Himachal

✅ 4. Himshikha

Question ID : **6549788736**

Status : **Answered**

Chosen Option : **3**

**Q.17** Who among the following is the author of 'The Brahma Sutra – The Philosophy of Spiritual life'?

**Ans** ✔ 1. Sarvepalli Radhakrishnan

✘ 2. Sarojini Naidu

✘ 3. Rajendra Prasad

✘ 4. Indira Gandhi

Question ID : **6549786821**

Status : **Answered**

Chosen Option : **1**

**Q.18** In 711 CE, Arab general _____ conquered Sind, which became a part of the Caliph's domain.

**Ans** ✔ 1. Muhammad Bin Qasim

✘ 2. Qutub-ud-din Aibak

✘ 3. Muhammad Ghori

✘ 4. Muhammad-Bin-Tughlaq

Question ID : **6549786819**

Status : **Answered**

Chosen Option : **1**

**Q.19** Which of the following festivals is called the month of merits and is celebrated between May and June?

**Ans** ✔ 1. Saga Dawa

✘ 2. Losar

✘ 3. Bhanu Jaati

✘ 4. Losoong

Question ID : **6549786806**

Status : **Answered**

Chosen Option : **3**

**Q.20** With which of the following musical instruments is the musician Pandit Shiv Kumar Sharma associated?

**Ans** ✘ 1. Sarangi

✘ 2. Sarod

✘ 3. Dholak

✔ 4. Santoor

Question ID : **6549788724**

Status : **Answered**

Chosen Option : **1**

**Q.21** A mass of snow and ice that moves slowly under the influence of gravity along a confined course away from its place of accumulation is called a _____.

**Ans** ✘ 1. plateau

✘ 2. lagoon

✔ 3. glacier

✘ 4. block mountain

Question ID : **6549786816**

Status : **Answered**

Chosen Option : **3**

**Q.22** Who among the following was appointed as the Chairman of the National Stock Exchange (NSE) in December 2019?

**Ans** ✘ 1. Ashok Chawla

✔ 2. Girish Chandra Chaturvedi

✘ 3. Vikramajit Sen

✘ 4. Ashishkumar Chauhan

Question ID : **6549788726**

Status : **Answered**

Chosen Option : **2**

**Q.23** As of January 2021, how many Olympic medals did India win in the sport of field hockey?

**Ans** ✘ 1. 9

✘ 2. 8

✘ 3. 12

✔ 4. 11

Question ID : **6549788746**

Status : **Answered**

Chosen Option : **1**

**Q.24** What is the molecular formula for hydrochloric acid?

**Ans** ✘ 1. $HNO_3$

✔ 2. HCl

✘ 3. KOH

✘ 4. $H_2SO_4$

Question ID : **6549788732**

Status : **Answered**

Chosen Option : **2**

**Q.25** **A message that tries to trick a person into providing information such as his social security number, bank account information or login username and password for a website is a type of malware called:**

**Ans** ✗ 1. Zombie

✗ 2. Worms

✗ 3. Macro Virus

✓ 4. Phishing

Question ID : **6549788722**

Status : **Answered**

Chosen Option : **4**