



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Center Name	
Test Date	28/12/2020
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 For any natural number n , $6^n - 5^n$ always ends with :

- Ans
- ☒ 1. 5
 - ☒ 2. 3
 - ☒ 3. 7
 - ☒ 4. 1

Question ID : 948911852

Option 1 ID : 9489113406

Option 2 ID : 9489113407

Option 3 ID : 9489113405

Option 4 ID : 9489113408

Status : Answered

Chosen Option : 4

Q.2 A can complete a piece of work in 20 days and B alone can complete the work in 30 days. Due to some other work, A had to leave the work before completion and for the last 5 days B alone did the work. The total time taken to complete the work is:

- Ans**
- ☒ 1. 12 days
 - ☒ 2. 18 days
 - ☒ 3. 15 days
 - ☒ 4. 20 days

Question ID : 948911861

Option 1 ID : 9489113441

Option 2 ID : 9489113443

Option 3 ID : 9489113442

Option 4 ID : 9489113444

Status : Answered

Chosen Option : 3

Q.3 The numerator of a fraction is 2 less than the denominator. If the numerator is multiplied by 2 and the denominator is multiplied by 3, then the fraction becomes $\frac{2}{3}$. The fraction is:

- Ans**
- ☒ 1. $\frac{5}{7}$
 - ☒ 2. $\frac{3}{5}$
 - ☒ 3. $\frac{7}{9}$
 - ☒ 4. $\frac{1}{3}$

Question ID : 948911849

Option 1 ID : 9489113394

Option 2 ID : 9489113395

Option 3 ID : 9489113393

Option 4 ID : 9489113396

Status : Answered

Chosen Option : 4

Q.4 The sum of two numbers is 1500. Their LCM is 16379. Two numbers are:

- Ans
- ☒ 1. 1489, 11
 - ☐ 2. 1479, 21
 - ☐ 3. 1453, 47
 - ☐ 4. 1053, 447

Question ID : 948911853
Option 1 ID : 9489113411
Option 2 ID : 9489113412
Option 3 ID : 9489113410
Option 4 ID : 9489113409
Status : Answered
Chosen Option : 1

Q.5 Which of the following is NOT a part of the circulatory system?

- Ans
- ☐ 1. Blood
 - ☐ 2. Heart
 - ☒ 3. Large intestine
 - ☐ 4. Arteries

Question ID : 948911914
Option 1 ID : 9489113655
Option 2 ID : 9489113654
Option 3 ID : 9489113653
Option 4 ID : 9489113656
Status : Answered
Chosen Option : 3

Q.6 The Global Climate Change Alliance is an initiative of:

- Ans
- ☒ 1. European Union
 - ☐ 2. Continental Union
 - ☐ 3. World Union
 - ☐ 4. Greek Union

Question ID : 948911935
Option 1 ID : 9489113737
Option 2 ID : 9489113738
Option 3 ID : 9489113739
Option 4 ID : 9489113740
Status : Answered
Chosen Option : 1

Q.7 A number was increased by 40% and then after decreased by 40%. The net change in the number in percentage is:

Ans

- ☒ 1. no change
- ☒ 2. 16% increase
- ☒ 3. 16% decrease
- ☒ 4. 32% decrease

Question ID : 948911857
Option 1 ID : 9489113427
Option 2 ID : 9489113425
Option 3 ID : 9489113426
Option 4 ID : 9489113428

Status : Answered
Chosen Option : 3

Q.8 Yen is the currency of:

Ans

- ☒ 1. Japan
- ☒ 2. Bali
- ☒ 3. Maldives
- ☒ 4. South Korea

Question ID : 948911925
Option 1 ID : 9489113699
Option 2 ID : 9489113700
Option 3 ID : 9489113697
Option 4 ID : 9489113698

Status : Answered
Chosen Option : 1

Q.9 Who gave the idea of a constituent assembly of India for the first time?

Ans

- ☒ 1. Dr Rajendra Prasad
- ☒ 2. M N Roy
- ☒ 3. B N Rau
- ☒ 4. B R Ambedkar

Question ID : 948911927
Option 1 ID : 9489113706
Option 2 ID : 9489113705
Option 3 ID : 9489113707
Option 4 ID : 9489113708

Status : Answered
Chosen Option : 2

Q.10 The capacity of working by A and B is in the ratio 3 : 4. If A takes 12 days to finish the work, the time taken by B to finish the same work is:

- Ans ☒ 1. 9 days
☐ 2. 16 days
☐ 3. 18 days
☐ 4. 12 days

Question ID : 948911863
Option 1 ID : 9489113452
Option 2 ID : 9489113449
Option 3 ID : 9489113450
Option 4 ID : 9489113451

Status : Answered
Chosen Option : 1

Q.11 The region of planet Earth, where life exists is known as

- Ans ☒ 1. Biosphere
☐ 2. Atmosphere
☐ 3. Cryosphere
☐ 4. Hemisphere

Question ID : 948911923
Option 1 ID : 9489113691
Option 2 ID : 9489113689
Option 3 ID : 9489113690
Option 4 ID : 9489113692

Status : Answered
Chosen Option : 1

Q.12 Which of the following Awards is associated with only Music?

- Ans ☒ 1. Grammy
☐ 2. Tagore
☐ 3. Oscar
☐ 4. Cannes

Question ID : 948911907
Option 1 ID : 9489113627
Option 2 ID : 9489113626
Option 3 ID : 9489113625
Option 4 ID : 9489113628

Status : Answered
Chosen Option : 1

Q.13 If AMBER = 27 and BROWN = 14, then GREEN will be equal to:

- Ans
- ☒ 1. 28
 - ☒ 2. 36
 - ☒ 3. 39
 - ☒ 4. 24

Question ID : 9489111179
Option 1 ID : 9489114714
Option 2 ID : 9489114715
Option 3 ID : 9489114716
Option 4 ID : 9489114713

Status : Not Answered
Chosen Option : --

Q.14 The first attempt to calculate national income in India was made by:

- Ans
- ☒ 1. VKRV Rao
 - ☒ 2. SD Tendulkar
 - ☒ 3. PC Mahalanobis
 - ☒ 4. Dadabhai Naoroji

Question ID : 948911939
Option 1 ID : 9489113755
Option 2 ID : 9489113754
Option 3 ID : 9489113753
Option 4 ID : 9489113756

Status : Answered
Chosen Option : 4

Q.15 According to which law, at constant temperature, the volume of a gas is inversely proportional to pressure?

- Ans
- ☒ 1. Graham's Law
 - ☒ 2. Charle's Law
 - ☒ 3. Boyle's Law
 - ☒ 4. Gay-Lussac's Law

Question ID : 948911913
Option 1 ID : 9489113651
Option 2 ID : 9489113649
Option 3 ID : 9489113652
Option 4 ID : 9489113650

Status : Answered
Chosen Option : 3

Q.16 Read the given statements and conclusions (options) carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide from the options given which conclusion logically follows from the statements.

Statements:

1. No pilots are amateurs.
2. A few amateurs are players.

- Ans**
- ☒ 1. Some amateurs are not players
 - ☐ 2. Some pilots are players
 - ☐ 3. Some players are pilots
 - ☐ 4. Some pilots are not players

Question ID : 9489111180

Option 1 ID : 9489114720

Option 2 ID : 9489114717

Option 3 ID : 9489114718

Option 4 ID : 9489114719

Status : Answered

Chosen Option : 1

Q.17 Where is the headquarters of United Nations Security Council located?

- Ans**
- ☐ 1. New Jersey
 - ☐ 2. Chicago
 - ☒ 3. New York
 - ☐ 4. Boston

Question ID : 948911933

Option 1 ID : 9489113732

Option 2 ID : 9489113731

Option 3 ID : 9489113730

Option 4 ID : 9489113729

Status : Answered

Chosen Option : 3

Q.18 Jan Shikshan Sansthan (JSS) operates under the aegis of:

- Ans
- ☐ 1. Ministry of Home Affairs
 - ☐ 2. Ministry of Defence
 - ☒ 3. Ministry of Skill Development and Entrepreneurship
 - ☐ 4. Ministry of Human Resource Development

Question ID : 948911942

Option 1 ID : 9489113768

Option 2 ID : 9489113766

Option 3 ID : 9489113767

Option 4 ID : 9489113765

Status : Answered

Chosen Option : 4

Q.19 If $x = a \sin t$, $y = b \tan t$, then $\frac{a^2}{x^2} - \frac{b^2}{y^2}$ is:

- Ans
- ☐ 1. 0
 - ☐ 2. 2
 - ☐ 3. -1
 - ☒ 4. 1

Question ID : 948911871

Option 1 ID : 9489113482

Option 2 ID : 9489113484

Option 3 ID : 9489113483

Option 4 ID : 9489113481

Status : Answered

Chosen Option : 4

Q.20 If $\cos 2\theta = \sin \theta$ and θ lies between 0 and 90° , then θ will be:

- Ans
- ☐ 1. 45°
 - ☐ 2. 90°
 - ☒ 3. 30°
 - ☐ 4. 60°

Question ID : 948911870

Option 1 ID : 9489113479

Option 2 ID : 9489113477

Option 3 ID : 9489113480

Option 4 ID : 9489113478

Status : Answered

Chosen Option : 3

Q.21 Who is called the father of taxonomy?

- Ans
- ☐ 1. Engler
 - ☐ 2. Eichler
 - ☐ 3. Bentham and Hooker
 - ☒ 4. Carl Linnaeus

Question ID : 948911916

Option 1 ID : 9489113661

Option 2 ID : 9489113664

Option 3 ID : 9489113662

Option 4 ID : 9489113663

Status : Answered

Chosen Option : 4

Q.22 Who among the following is a famous Santoor instrumentalist?

- Ans
- ☒ 1. Shiv Kumar Sharma
 - ☐ 2. Ustad Binda Khan
 - ☐ 3. Sajjad Hussain
 - ☐ 4. Nikhil Banerjee

Question ID : 948911908

Option 1 ID : 9489113632

Option 2 ID : 9489113630

Option 3 ID : 9489113629

Option 4 ID : 9489113631

Status : Answered

Chosen Option : 1

Q.23 ABC is an equilateral triangle. P, Q and R are the midpoints of sides AB, BC and AC respectively. The length of the side of the triangle is 4 cm. The area of triangle PQR is:

- Ans
- ☐ 1. $\frac{\sqrt{3}}{9} \text{ cm}^2$
 - ☐ 2. $\frac{\sqrt{3}}{2} \text{ cm}^2$
 - ☒ 3. $\sqrt{3} \text{ cm}^2$
 - ☐ 4. $\frac{1}{4} \sqrt{3} \text{ cm}^2$

Question ID : 948911873

Option 1 ID : 9489113492

Option 2 ID : 9489113491

Option 3 ID : 9489113490

Option 4 ID : 9489113489

Status : Answered

Chosen Option : 3

Q.24

Which of the following states has a Legislative Council?

Ans

- ☒ 1. Assam
- ☒ 2. Madhya Pradesh
- ☒ 3. Andhra Pradesh
- ☒ 4. Himachal Pradesh

Question ID : 948911929

Option 1 ID : 9489113713

Option 2 ID : 9489113714

Option 3 ID : 9489113716

Option 4 ID : 9489113715

Status : Answered

Chosen Option : 3

Q.25

Six friends are sitting around a round table. Mohan is sitting opposite Rohit who is sitting between Ram and Mohit. Mohit is sitting opposite Shyam. Who is sitting opposite Rohan?

Ans

- ☒ 1. Ram
- ☒ 2. Mohit
- ☒ 3. Shyam
- ☒ 4. Rohit

Question ID : 9489111202

Option 1 ID : 9489114806

Option 2 ID : 9489114808

Option 3 ID : 9489114807

Option 4 ID : 9489114805

Status : Answered

Chosen Option : 1

Q.26

If $P = 0.3 \times 0.3 + 0.03 \times 0.03 - 0.6 \times 0.03$ and $Q = 0.54$, then $\frac{P}{Q}$ is equal to:

Ans

- ☒ 1. 4.5
- ☒ 2. 0.45
- ☒ 3. 4.05
- ☒ 4. 0.135

Question ID : 948911851

Option 1 ID : 9489113403

Option 2 ID : 9489113404

Option 3 ID : 9489113401

Option 4 ID : 9489113402

Status : Not Answered

Chosen Option : --

Q.27 A sum of money of ₹2600.00 was lent out in two parts in such a way that the simple interest on the first part at 10% per annum for 5 years is the same as the interest of the second part at 9% per annum for 6 years. The part lent out at 10% is -

- Ans**
- ☒ 1. ₹1150.00
 - ☒ 2. ₹1250.00
 - ☒ 3. ₹1350.00
 - ☒ 4. ₹1450.00

Question ID : 948911859
 Option 1 ID : 9489113433
 Option 2 ID : 9489113434
 Option 3 ID : 9489113435
 Option 4 ID : 9489113436
 Status : Answered
 Chosen Option : 3

Q.28 The famous Gol Gumbaz is located in:

- Ans**
- ☒ 1. Karnataka
 - ☒ 2. Rajasthan
 - ☒ 3. Gujarat
 - ☒ 4. Punjab

Question ID : 948911910
 Option 1 ID : 9489113639
 Option 2 ID : 9489113640
 Option 3 ID : 9489113638
 Option 4 ID : 9489113637
 Status : Answered
 Chosen Option : 1

Q.29 Choose the mirror image of the following A!B@C#D\$E%

- Ans**
- ☒ 1. #!2D@C!B@A
 - ☒ 2. %!B@C#D\$E@
 - ☒ 3. #!2D@C!B@A
 - ☒ 4. %!B@C#D\$E@

Question ID : 9489111184
 Option 1 ID : 9489114734
 Option 2 ID : 9489114735
 Option 3 ID : 9489114736
 Option 4 ID : 9489114733
 Status : Answered
 Chosen Option : 2

Q.30 Select the option that is related to the third term in the same way as the second term is related to the first term.

Dog : Guard :: Horse : ?

- Ans
- ☒ 1. Stable
 - ☒ 2. Cart
 - ☒ 3. Ride
 - ☒ 4. Saddle

Question ID : 9489111175

Option 1 ID : 9489114700

Option 2 ID : 9489114698

Option 3 ID : 9489114697

Option 4 ID : 9489114699

Status : Answered

Chosen Option : 3

Q.31 If $p^2 + q^2 - r^2 = 0$, then the value of $p^6 + q^6 - r^6 \div p^2 q^2 r^2$, is:

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

Question ID : 948911866

Option 1 ID : 9489113464

Option 2 ID : 9489113463

Option 3 ID : 9489113462

Option 4 ID : 9489113461

Status : Answered

Chosen Option : 3

Q.32 A man invested $\frac{1}{4}$ of his capital at 5% rate of interest per annum, $\frac{1}{4}$ of his capital at 8% per annum and the remaining at 10% rate of interest per annum. His total income from the three investments is ₹520.00 in a year. The total capital invested is:

- Ans
- ☒ 1. ₹16000.00
 - ☒ 2. ₹6400.00
 - ☒ 3. ₹8000.00
 - ☒ 4. ₹12000.00

Question ID : 948911858

Option 1 ID : 9489113429

Option 2 ID : 9489113430

Option 3 ID : 9489113431

Option 4 ID : 9489113432

Status : Answered

Chosen Option : 4

Q.33 Select the number from among the given options that can replace the question mark (?) in the following matrix.

16	22	28	34
18	24	30	36
20	26	32	38
22	28	34	40

- Ans
- ☒ 1. 12
 - ☒ 2. 8
 - ☒ 3. 16
 - ☒ 4. 0

Question ID : 9489111199

Option 1 ID : 9489114794

Option 2 ID : 9489114796

Option 3 ID : 9489114793

Option 4 ID : 9489114795

Status : Answered

Chosen Option : 3

Q.34 Out of the four number-pair listed, three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. 4 – 64
 - ☒ 2. 7 – 27
 - ☒ 3. 6 – 216
 - ☒ 4. 9 – 729

Question ID : 9489111193

Option 1 ID : 9489114770

Option 2 ID : 9489114772

Option 3 ID : 9489114771

Option 4 ID : 9489114769

Status : Answered

Chosen Option : 2

Q.35 The Moplah Rebellion took place between the years:

- Ans
- ☒ 1. 1914-1915
 - ☒ 2. 1923-1924
 - ☒ 3. 1917-1919
 - ☒ 4. 1921-1922

Question ID : 948911919

Option 1 ID : 9489113674

Option 2 ID : 9489113676

Option 3 ID : 9489113673

Option 4 ID : 9489113675

Status : Answered

Chosen Option : 4

Q.36

Read the following information and answer the question that follows.

- (i) I, J, K, L, M and N are playing hockey.
- (ii) I and M are sisters and N is the brother of M.
- (iii) K is the only son of I's paternal uncle.
- (iv) J and L are the sons of a brother of K's father.

How K is related to M?

Ans

- ☒ 1. Cousin
- ☐ 2. Sister
- ☐ 3. Uncle
- ☐ 4. Brother

Question ID : 9489111201

Option 1 ID : 9489114801

Option 2 ID : 9489114802

Option 3 ID : 9489114804

Option 4 ID : 9489114803

Status : Answered

Chosen Option : 1

Q.37

The length of the longest pole, that could be placed in a room of dimensions 10 m, 8 m and 6 m, is:

Ans

- ☐ 1. 18 m
- ☐ 2. 14 m
- ☒ 3. $10 \times \sqrt{2}$ m
- ☐ 4. 15 m

Question ID : 948911865

Option 1 ID : 9489113460

Option 2 ID : 9489113458

Option 3 ID : 9489113459

Option 4 ID : 9489113457

Status : Answered

Chosen Option : 3

Q.38 Which of the following was given the Filmfare Award for Best Film in 2020?

- Ans
- ☐ 1. Article 15
 - ☒ 2. Gully Boy
 - ☐ 3. Andhadhun
 - ☐ 4. Padman

Question ID : 948911904

Option 1 ID : 9489113613

Option 2 ID : 9489113615

Option 3 ID : 9489113616

Option 4 ID : 9489113614

Status : Answered

Chosen Option : 2

Q.39 Sita took an auto from her home in Andheri (A) to go to her college in Fatchpuri (F). Rather than continuing straight on the direct road to the college that had no turns, the auto driver took a diversion after 10 km and turned right at Bandra (B) crossing, then at Colaba T- point (C) after 8 km turned left, again after covering 12 km turned left at Dalhousi Building (D) and soon after 8 km turned right at Elphinstone point (E) and after covering 4 km reached Fatchpuri (F). Had the auto driver taken the direct route how much less distance would Sita have actually travelled between the starting point and the destination?

- Ans
- ☐ 1. 12 km
 - ☐ 2. 10 km
 - ☐ 3. 18 km
 - ☒ 4. 16 km

Question ID : 9489111203

Option 1 ID : 9489114811

Option 2 ID : 9489114812

Option 3 ID : 9489114810

Option 4 ID : 9489114809

Status : Answered

Chosen Option : 4

Q.40 Jallianwala Bagh massacre took place during the term of Viceroy:

- Ans
- ☐ 1. Lord Irwin
 - ☒ 2. Lord Chelmsford
 - ☐ 3. Lord Dalhousie
 - ☐ 4. Lord Ripon

Question ID : 948911920

Option 1 ID : 9489113679

Option 2 ID : 9489113680

Option 3 ID : 9489113678

Option 4 ID : 9489113677

Status : Answered

Chosen Option : 2

Q.41 The smallest square number which is exactly divisible by 12, 15 and 18 is:

- Ans
- ☒ 1. 625
 - ☒ 2. 1225
 - ☒ 3. 900
 - ☒ 4. 400

Question ID : 948911850

Option 1 ID : 9489113398

Option 2 ID : 9489113400

Option 3 ID : 9489113399

Option 4 ID : 9489113397

Status : Answered

Chosen Option : 3

Q.42 On which date did Jallianwala Bagh massacre take place?

- Ans
- ☒ 1. 13th April, 1919
 - ☒ 2. 30th April, 1919
 - ☒ 3. 30th April, 1920
 - ☒ 4. 13th April, 1920

Question ID : 948911917

Option 1 ID : 9489113666

Option 2 ID : 9489113665

Option 3 ID : 9489113667

Option 4 ID : 9489113668

Status : Answered

Chosen Option : 1

Q.43 Which of the following projects is in Uttarakhand?

- Ans
- ☒ 1. Chamera Hydroelectric Project
 - ☒ 2. Tehri Hydro Power Complex
 - ☒ 3. Koyna Hydroelectric Project
 - ☒ 4. Sharavathi Hydroelectric Project

Question ID : 948911941

Option 1 ID : 9489113764

Option 2 ID : 9489113761

Option 3 ID : 9489113762

Option 4 ID : 9489113763

Status : Answered

Chosen Option : 2

Q.44 In a certain code language, MAHARAJA is written as ZNUNENWN. How will RAINDROP be coded as in that language?

- Ans ☒ 1. ENVAQEBC
☐ 2. ENVAEQBC
☐ 3. EVNAQEBC
☐ 4. ENAVQEBC

Question ID : 9489111176

Option 1 ID : 9489114703

Option 2 ID : 9489114704

Option 3 ID : 9489114702

Option 4 ID : 9489114701

Status : Answered

Chosen Option : 1

Q.45 The Theory of Relativity is associated with:

- Ans ☐ 1. Newton
☐ 2. Kelvin
☐ 3. WC Rontgen
☒ 4. Albert Einstein

Question ID : 948911912

Option 1 ID : 9489113645

Option 2 ID : 9489113646

Option 3 ID : 9489113647

Option 4 ID : 9489113648

Status : Answered

Chosen Option : 4

Q.46 What is Net National Product (NNP)?

- Ans ☒ 1. $NNP = GNP - \text{Depreciation}$
☐ 2. $NNP = GDP + \text{Income from abroad}$
☐ 3. $NNP = GDP - \text{Income from abroad}$
☐ 4. $NNP = GNP + \text{Depreciation}$

Question ID : 948911940

Option 1 ID : 9489113757

Option 2 ID : 9489113759

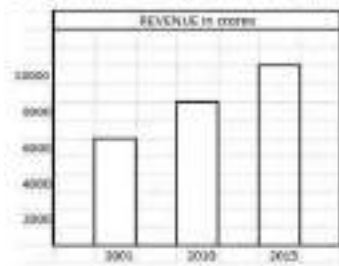
Option 3 ID : 9489113760

Option 4 ID : 9489113758

Status : Answered

Chosen Option : 1

Q.47 The revenue earned by Company A in 2001 is ₹6,100 crore, that earned in 2010 is ₹8,100 crore and that earned in 2015 is ₹10,500 crore. What is the ratio of the increase in revenue between 2001 to 2010 and between 2010 to 2015?



Ans ☒ 1. 2 : 3

☐ 2. 1 : 2

☐ 3. 1 : 1

☐ 4. 3 : 2

Question ID : 9489111192

Option 1 ID : 9489114765

Option 2 ID : 9489114768

Option 3 ID : 9489114766

Option 4 ID : 9489114767

Status : Answered

Chosen Option : 1

Q.48 Bhabha Atomic Research Centre (BARC) is located in:

Ans ☐ 1. Chennai

☐ 2. Tarapur

☐ 3. Hyderabad

☒ 4. Mumbai

Question ID : 948911930

Option 1 ID : 9489113718

Option 2 ID : 9489113720

Option 3 ID : 9489113719

Option 4 ID : 9489113717

Status : Answered

Chosen Option : 2

Q.49 Of the 360 students who sat for Class X Board exams, 10% students scored A grade, 20% students scored B grade, 30% students scored C grade and 40% scored D grade. From the given pie chart, find the total number of students who scored Grade A and Grade B.



- Ans
- ☒ 1. 108
 - ☐ 2. 144
 - ☐ 3. 72
 - ☐ 4. 36

Question ID : 9489111189

Option 1 ID : 9489114755

Option 2 ID : 9489114753

Option 3 ID : 9489114754

Option 4 ID : 9489114756

Status : Answered

Chosen Option : 1

Q.50 Choose the mirror image of CHIVALRY

- Ans
- ☐ 1. YRAJVIHC
 - ☒ 2. YRJAVIHС
 - ☐ 3. YRJVAIHС
 - ☐ 4. CIHVAГBYA

Question ID : 9489111183

Option 1 ID : 9489114730

Option 2 ID : 9489114729

Option 3 ID : 9489114731

Option 4 ID : 9489114732

Status : Answered

Chosen Option : 2

Q.51 The process of taking out stored results out of physical memory of Computers is known as:

- Ans
- ☐ 1. input process
 - ☐ 2. processing
 - ☐ 3. programming
 - ☒ 4. output process

Question ID : 948911936

Option 1 ID : 9489113741

Option 2 ID : 9489113742

Option 3 ID : 9489113744

Option 4 ID : 9489113743

Status : Answered

Chosen Option : 4

Q.52 Who fought the Battle of Plassey against the East India Company?

- Ans
- ☐ 1. Alivardi Khan
 - ☐ 2. Tipu Sultan
 - ☐ 3. Mir Jafar
 - ☒ 4. Sirajuddaulah

Question ID : 948911918

Option 1 ID : 9489113669

Option 2 ID : 9489113671

Option 3 ID : 9489113670

Option 4 ID : 9489113672

Status : Answered

Chosen Option : 4

Q.53 Given below is the marks obtained by 20 students in mathematics out of 30 marks.

7, 8, 12, 12, 13, 12, 14, 14, 14, 14, 15, 16, 17, 18, 18, 19, 20, 18, 20, 13. Then $(2 \times \text{median} - \text{mode})$ of the data is equal to:

- Ans
- ☒ 1. 14
 - ☐ 2. 0
 - ☐ 3. 12
 - ☐ 4. 18

Question ID : 948911868

Option 1 ID : 9489113469

Option 2 ID : 9489113471

Option 3 ID : 9489113472

Option 4 ID : 9489113470

Status : Answered

Chosen Option : 1

Q.54 The radius of the circumcircle of an equilateral triangle of $\sqrt{3}$ unit side, is:

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

Question ID : 948911864

Option 1 ID : 9489113455

Option 2 ID : 9489113456

Option 3 ID : 9489113454

Option 4 ID : 9489113453

Status : Answered

Chosen Option : 3

Q.55 Glowing surface of the sun is known as:

- Ans ☒ 1. photosphere
☐ 2. atmosphere
☐ 3. lithosphere
☐ 4. chromosphere

Question ID : 948911922

Option 1 ID : 9489113686

Option 2 ID : 9489113688

Option 3 ID : 9489113687

Option 4 ID : 9489113685

Status : Not Answered

Chosen Option : --

Q.56 The Tri-Color which was hoisted in Stuttgart by Madam Cama was smuggled into British India by:

- Ans ☐ 1. Kishan Singh
☐ 2. Veer Savarkar
☐ 3. Bhikaji Cama
☒ 4. Indulal Yagnik

Question ID : 948911921

Option 1 ID : 9489113684

Option 2 ID : 9489113681

Option 3 ID : 9489113683

Option 4 ID : 9489113682

Status : Not Answered

Chosen Option : --

Q.57 The smallest number which should be subtracted from the smallest number of four digits to make it a perfect square is:

- Ans ☐ 1. 120
☒ 2. 39
☐ 3. 159
☐ 4. 24

Question ID : 948911844

Option 1 ID : 9489113376

Option 2 ID : 9489113373

Option 3 ID : 9489113374

Option 4 ID : 9489113375

Status : Answered

Chosen Option : 2

Q.58 If x satisfies the equation $x^2 - 2x + 1 = 0$, then the value of $x^3 - \frac{1}{x^3}$ is:

- Ans
- ☐ 1. 1
 - ☐ 2. -1
 - ☐ 3. $\frac{1}{3}$
 - ☒ 4. 0

Question ID : 948911867

Option 1 ID : 9489113465

Option 2 ID : 9489113468

Option 3 ID : 9489113466

Option 4 ID : 9489113467

Status : Answered

Chosen Option : 4

Q.59 Which Nation has hosted the Commonwealth Games five times?

- Ans
- ☒ 1. Australia
 - ☐ 2. England
 - ☐ 3. Canada
 - ☐ 4. New Zealand

Question ID : 948911905

Option 1 ID : 9489113617

Option 2 ID : 9489113620

Option 3 ID : 9489113618

Option 4 ID : 9489113619

Status : Not Answered

Chosen Option : --

Q.60 Which of the following is NOT a part of auxiliary memories in a Computer system?

- Ans
- ☐ 1. Floppy
 - ☐ 2. Magnetic tapes
 - ☒ 3. PROM
 - ☐ 4. CD-ROM

Question ID : 948911937

Option 1 ID : 9489113746

Option 2 ID : 9489113745

Option 3 ID : 9489113747

Option 4 ID : 9489113748

Status : Answered

Chosen Option : 3

Q.61 The first Indian Communication satellite is:

- Ans
- ☐ 1. Aryabhata
 - ☐ 2. Rohini
 - ☐ 3. MOM
 - ☒ 4. APPLE

Question ID : 948911931

Option 1 ID : 9489113721

Option 2 ID : 9489113724

Option 3 ID : 9489113723

Option 4 ID : 9489113722

Status : Answered

Chosen Option : 1

Q.62 Which of the following is a scalar quantity?

- Ans
- ☐ 1. Momentum
 - ☐ 2. Force
 - ☒ 3. Mass
 - ☐ 4. Velocity

Question ID : 948911911

Option 1 ID : 9489113644

Option 2 ID : 9489113642

Option 3 ID : 9489113641

Option 4 ID : 9489113643

Status : Answered

Chosen Option : 3

Q.63 Three persons invested an amount of money in a business in the ratio $\frac{1}{2} : \frac{2}{3} : \frac{1}{4}$. At the end of a year, the total profit was ₹15600. The largest share received in profit will be:

- Ans
- ☒ 1. ₹7200
 - ☐ 2. ₹8000
 - ☐ 3. ₹7500
 - ☐ 4. ₹7000

Question ID : 948911855

Option 1 ID : 9489113417

Option 2 ID : 9489113419

Option 3 ID : 9489113420

Option 4 ID : 9489113418

Status : Answered

Chosen Option : 1

Q.64 Solve the following:

$$\frac{1}{2} \times \frac{2}{3} - \frac{3}{4} \left(\frac{1}{2} \times \frac{1}{3} + \frac{5}{6} \right) \times \frac{4}{21} = ?$$

Ans

☐ 1. 2

☐ 2. $\frac{1}{3}$

☐ 3. $\frac{1}{2}$

☒ 4. $\frac{4}{21}$

Question ID : 948911848

Option 1 ID : 9489113392

Option 2 ID : 9489113391

Option 3 ID : 9489113390

Option 4 ID : 9489113389

Status : Answered

Chosen Option : 4

Q.65

If $\frac{\sqrt{19-x\sqrt{12}}}{1} = \sqrt{4} - \sqrt{3}$, then the value of x is equal to:

Ans

☐ 1. $\sqrt{3} + 2$

☒ 2. $2 + 2\sqrt{3}$

☐ 3. $\sqrt{3} - 2$

☐ 4. $2 + 4\sqrt{3}$

Question ID : 948911845

Option 1 ID : 9489113379

Option 2 ID : 9489113377

Option 3 ID : 9489113380

Option 4 ID : 9489113378

Status : Answered

Chosen Option : 2

Q.66 49th parallel is a boundary between:

- Ans
- ☒ 1. India and Pakistan
 - ☒ 2. France and Germany
 - ☒ 3. North Korea and South Korea
 - ☒ 4. USA and Canada

Question ID : 948911926
Option 1 ID : 9489113701
Option 2 ID : 9489113702
Option 3 ID : 9489113704
Option 4 ID : 9489113703
Status : Answered
Chosen Option : 4

Q.67 The difference between the mean of the first eight composite natural numbers and the mean of the first eight prime numbers, is:

- Ans
- ☒ 1. $\frac{3}{20}$
 - ☒ 2. $\frac{1}{5}$
 - ☒ 3. $\frac{1}{8}$
 - ☒ 4. $\frac{1}{4}$

Question ID : 948911872
Option 1 ID : 9489113486
Option 2 ID : 9489113487
Option 3 ID : 9489113485
Option 4 ID : 9489113488
Status : Answered
Chosen Option : 3

Q.68 Which colour is associated with the revolution in fertilisers?

- Ans
- ☒ 1. Grey
 - ☒ 2. Black
 - ☒ 3. Golden
 - ☒ 4. Pink

Question ID : 948911924
Option 1 ID : 9489113695
Option 2 ID : 9489113696
Option 3 ID : 9489113693
Option 4 ID : 9489113694
Status : Answered
Chosen Option : 1

Q.69 In a school, the average age of boys and girls together is 15.3 years, the average age of boys is 15.4 years, and the average age of girls is 15.2 years. The ratio of number of boys to girls in the school is:

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

Question ID : 948911854

Option 1 ID : 9489113415

Option 2 ID : 9489113416

Option 3 ID : 9489113413

Option 4 ID : 9489113414

Status : Answered

Chosen Option : 2

Q.70 The Sahitya Academy is head quartered at: _____.

- Ans
- ☐ 1. Mumbai
 - ☐ 2. Bangalore
 - ☐ 3. Hyderabad
 - ☒ 4. New Delhi

Question ID : 948911909

Option 1 ID : 9489113633

Option 2 ID : 9489113636

Option 3 ID : 9489113635

Option 4 ID : 9489113634

Status : Answered

Chosen Option : 4

Q.71 If $P = 2 + 0.2 \div (0.2 \times 2) - 1 \times 2$

$Q = 2 - 0.2 \div (0.2 \times 2) - \frac{1}{2} \times 2$, then $\frac{P}{Q}$ is the equal to:

- Ans
- ☒ 1. 1.0
 - ☐ 2. 1.5
 - ☐ 3. -0.5
 - ☐ 4. 0.5

Question ID : 948911847

Option 1 ID : 9489113387

Option 2 ID : 9489113386

Option 3 ID : 9489113388

Option 4 ID : 9489113385

Status : Answered

Chosen Option : 1

Q.72 The "Indradhanush" framework, an Indian government initiative, is for:

- Ans
- ☒ 1. resource mobilisation
 - ☒ 2. capacity building in Private Sector Banks
 - ☒ 3. revamping of Public Sector Banks
 - ☒ 4. revamping of Private Sector Banks

Question ID : 948911943

Option 1 ID : 9489113772

Option 2 ID : 9489113771

Option 3 ID : 9489113769

Option 4 ID : 9489113770

Status : Not Answered

Chosen Option : --

Q.73 If 'A' means '+', 'B' means '-', 'C' means '×', 'D' means '÷', 'E' means '()' and 'F' means '()', then solve the following expression:

BT00A110590FDXB0M110S10F

- Ans
- ☒ 1. 9
 - ☒ 2. 7
 - ☒ 3. 10
 - ☒ 4. 90

Question ID : 9489111188

Option 1 ID : 9489114749

Option 2 ID : 9489114752

Option 3 ID : 9489114751

Option 4 ID : 9489114750

Status : Answered

Chosen Option : 1

Q.74 Lichen is an organism which monitors:

- Ans
- ☒ 1. water pollution
 - ☒ 2. gas pollution
 - ☒ 3. air pollution
 - ☒ 4. soil pollution

Question ID : 948911934

Option 1 ID : 9489113733

Option 2 ID : 9489113736

Option 3 ID : 9489113734

Option 4 ID : 9489113735

Status : Answered

Chosen Option : 3

Q.75 By which of the following Amendments of the Constitution, Fundamental Duties of the citizens were added to the Constitution of India?

- Ans
- ☒ 1. 42nd Constitutional Amendment Act
 - ☐ 2. 35th Constitutional Amendment Act
 - ☐ 3. 44th Constitutional Amendment Act
 - ☐ 4. 36th Constitutional Amendment Act

Question ID : 948911928

Option 1 ID : 9489113711

Option 2 ID : 9489113709

Option 3 ID : 9489113712

Option 4 ID : 9489113710

Status : Answered

Chosen Option : 1

Q.76 ABCD is a parallelogram. Side BC is produced to E such that BC = CE. Join AE which intersects side CD at P. The area of triangle ABE is:

- Ans
- ☐ 1. = to $\frac{1}{3}$ of the area of parallelogram ABCD
 - ☐ 2. less than the area of parallelogram ABCD
 - ☒ 3. = to the area of parallelogram ABCD
 - ☐ 4. = to $\frac{1}{2}$ of the area of parallelogram ABCD

Question ID : 948911869

Option 1 ID : 9489113475

Option 2 ID : 9489113476

Option 3 ID : 9489113473

Option 4 ID : 9489113474

Status : Not Answered

Chosen Option : --

Q.77 An article was sold at a gain of 12%. Had it been sold for ₹33 more, the gain would have been 14%. The cost price of the article is:

- Ans
- ☐ 1. ₹1800.00
 - ☐ 2. ₹1850.00
 - ☐ 3. ₹1750.00
 - ☒ 4. ₹1650.00

Question ID : 948911860

Option 1 ID : 9489113440

Option 2 ID : 9489113438

Option 3 ID : 9489113439

Option 4 ID : 9489113437

Status : Answered

Chosen Option : 4

Q.78 The disease related with apple is known as:

- Ans
- ☒ 1. green ear disease
 - ☒ 2. red rust disease
 - ☒ 3. fire blight
 - ☒ 4. tikka disease

Question ID : 948911915

Option 1 ID : 9489113660

Option 2 ID : 9489113658

Option 3 ID : 9489113659

Option 4 ID : 9489113657

Status : Not Answered

Chosen Option : --

Q.79 What does NIU stand for in information technology?

- Ans
- ☒ 1. Network Interface Unit
 - ☒ 2. Networking Internal Unit
 - ☒ 3. National Information Usage
 - ☒ 4. Nominal Internal Unit

Question ID : 948911938

Option 1 ID : 9489113750

Option 2 ID : 9489113752

Option 3 ID : 9489113751

Option 4 ID : 9489113749

Status : Not Answered

Chosen Option : --

Q.80 Who received the Nobel Prize for Economic Sciences in 2020?

- Ans
- ☒ 1. Dennis Mukherjee
 - ☒ 2. George Smith
 - ☒ 3. James P. Allison
 - ☒ 4. Robert B. Wilson

Question ID : 948911906

Option 1 ID : 9489113622

Option 2 ID : 9489113621

Option 3 ID : 9489113623

Option 4 ID : 9489113624

Status : Answered

Chosen Option : 4

Q.81 If $\sqrt{2} + \sqrt{x} = \sqrt{3}$, then the value of x is equal to:

Ans

☐ 1. $-2\sqrt{6} - 5$

☐ 2. $2\sqrt{6} - 5$

☐ 3. $5 + 2\sqrt{6}$

☒ 4. $5 - 2\sqrt{6}$

Question ID : 948911846

Option 1 ID : 9489113384

Option 2 ID : 9489113383

Option 3 ID : 9489113382

Option 4 ID : 9489113381

Status : Answered

Chosen Option : 4

Q.82 India's 1st atomic power station was commissioned in:

Ans

☐ 1. 1967

☒ 2. 1969

☐ 3. 1968

☐ 4. 1966

Question ID : 948911932

Option 1 ID : 9489113727

Option 2 ID : 9489113725

Option 3 ID : 9489113726

Option 4 ID : 9489113728

Status : Not Answered

Chosen Option : --

Q.83 The following table shows the Air Quality Index (AQI) (PM2.5) for the four weeks of February 2018. What is the difference in the average of AQI in Kolkata and Delhi in the month of February?

Toxic Trend Air Quality Index		
Period	Kolkata	Delhi
February 1st-7th	306	248
February 8th-14th	188	240
February 15th-21st	274	246
February 22nd-28th	172	236

- Ans
- ☐ 1. 14
 - ☐ 2. 18
 - ☐ 3. 12
 - ☒ 4. 16

Question ID : 9489111190

Option 1 ID : 9489114759

Option 2 ID : 9489114760

Option 3 ID : 9489114758

Option 4 ID : 9489114757

Status : Answered

Chosen Option : 4

Q.84 In an election, there were only two candidates. The winning candidate got 48% of the total votes. His opponent got 6800 votes which was 34% of the total votes. Some of the votes were invalid. The winning margin of the candidate who won the election and the number of invalid votes respectively are:

- Ans
- ☐ 1. 3200 votes, 3600 votes
 - ☒ 2. 2800 votes, 3600 votes
 - ☐ 3. 3600 votes, 2800 votes
 - ☐ 4. 3000 votes, 3600 votes

Question ID : 948911856

Option 1 ID : 9489113422

Option 2 ID : 9489113421

Option 3 ID : 9489113423

Option 4 ID : 9489113424

Status : Answered

Chosen Option : 2

Q.85 A can complete a piece of work in 12 days. B is 20% less efficient than A. The number of days it will take for B to complete the work is:

- Ans**
- ☐ 1. 16 days
 - ☐ 2. 20 days
 - ☒ 3. 15 days
 - ☐ 4. 18 days

Question ID : 948911862

Option 1 ID : 9489113448

Option 2 ID : 9489113447

Option 3 ID : 9489113446

Option 4 ID : 9489113445

Status : Answered

Chosen Option : 3

Q.86 In a certain code language, ACCESS is written as 13351919. How will EXCELLENCE be coded as in that language?

- Ans**
- ☐ 1. 53351414123435
 - ☐ 2. 52345121414335
 - ☐ 3. 524351414355
 - ☒ 4. 52435121251435

Question ID : 9489111177

Option 1 ID : 9489114708

Option 2 ID : 9489114707

Option 3 ID : 9489114705

Option 4 ID : 9489114706

Status : Answered

Chosen Option : 4

Q.87 Shanti's daughter Chandini is married to Anil. Anil is married to Sandy, the grandson of Shanti. Anil's grandson is Karan. Rashmi is the mother of Karan. Shatya is Anil's son. How is Shatya related to Karan?

- Ans**
- ☐ 1. Son
 - ☐ 2. Brother
 - ☐ 3. Nephew
 - ☒ 4. Cousin

Question ID : 9489111178

Option 1 ID : 9489114710

Option 2 ID : 9489114711

Option 3 ID : 9489114709

Option 4 ID : 9489114712

Status : Answered

Chosen Option : 4

Q.88 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ZaF, YbE, XcD, WdC, VeB, ?

- Ans
- ☒ 1. UcD
 - ☒ 2. UeA
 - ☒ 3. UaB
 - ☒ 4. UfA

Question ID : 9489111185

Option 1 ID : 9489114737

Option 2 ID : 9489114739

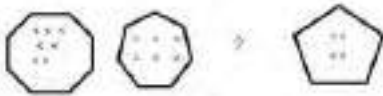
Option 3 ID : 9489114738

Option 4 ID : 9489114740

Status : Answered

Chosen Option : 4

Q.89 Select the figure that can replace the question mark (?) in the following series.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Question ID : 9489111198

Option 1 ID : 9489114789

Option 2 ID : 9489114790

Option 3 ID : 9489114791

Option 4 ID : 9489114792

Status : Answered

Chosen Option : 3

Q.90 Which of the following conclusions can be derived from the given statement?

Students have to pay fine for late payment of exam fees.

- Ans
- ☒ 1. Students follow deadline only if penalised.
 - ☒ 2. All fees are to be paid timely, else they must pay penalty.
 - ☒ 3. Many students do not pay exam fee in time.
 - ☒ 4. Fines for late payment of exam fees is a large source of revenue.

Question ID : 9489111181

Option 1 ID : 9489114722

Option 2 ID : 9489114723

Option 3 ID : 9489114721

Option 4 ID : 9489114724

Status : Answered

Chosen Option : 2

Q.91 Select the option that is related to the third term in the same way as the second term is related to the first term.

Grasshopper : Insect :: Hyena :

- Ans
- ☒ 1. Mammal
 - ☒ 2. Reptile
 - ☒ 3. Amphibian
 - ☒ 4. Herbivore

Question ID : 9489111174

Option 1 ID : 9489114696

Option 2 ID : 9489114695

Option 3 ID : 9489114694

Option 4 ID : 9489114693

Status : Answered

Chosen Option : 1

Q.92 Out of the four sports listed, three are alike in some manner and one is different. Select the odd one.

Discus throw, Golf, Shot-put, Hammer throw

- Ans
- ☒ 1. Hammer throw
 - ☒ 2. Golf
 - ☒ 3. Shot-put
 - ☒ 4. Discus throw

Question ID : 9489111194

Option 1 ID : 9489114776

Option 2 ID : 9489114775

Option 3 ID : 9489114774

Option 4 ID : 9489114773

Status : Answered

Chosen Option : 2

Q.93 Which of the given options best classifies the following items:

Spear, Catapult, Pistol, Rifle

- Ans
- ☒ 1. Cannon
 - ☒ 2. Battle
 - ☒ 3. Weapons
 - ☒ 4. Guns

Question ID : 9489111195

Option 1 ID : 9489114779

Option 2 ID : 9489114780

Option 3 ID : 9489114778

Option 4 ID : 9489114777

Status : Answered

Chosen Option : 3

Q.94 There are four friends Sharayu, Pinky, Tanisha and Mamta. Two study in J college, one each in X college and A college. Each one is definitely good at one subject and one is good at all the subjects. The subjects are English, Science, Maths and Computers. Of those studying in J college, one is good at Maths and the other in all subjects. Tanisha is studying in A college. Pinky is good at Maths. Sharayu is not good at Science.

Find who is good at all the subjects.

- Ans
- ☒ 1. Pinky
 - ☒ 2. Tanisha
 - ☒ 3. Sharayu
 - ☒ 4. Mamta

Question ID : 9489111200

Option 1 ID : 9489114798

Option 2 ID : 9489114799

Option 3 ID : 9489114797

Option 4 ID : 9489114800

Status : Answered

Chosen Option : 4

Q.95 Select the figure from among the given options that when placed in the blank block with question marks (?) will complete the pattern.



Ans



Question ID : 9489111196

Option 1 ID : 9489114783

Option 2 ID : 9489114784

Option 3 ID : 9489114782

Option 4 ID : 9489114781

Status : Answered

Chosen Option : 2

Q.96 Select the number from among the given options that can replace the question mark (?) in the following series.

8, 18, 32, 50, ?

Ans

✓ 1. 72

✗ 2. 70

✗ 3. 62

✗ 4. 68

Question ID : 9489111186

Option 1 ID : 9489114742

Option 2 ID : 9489114744

Option 3 ID : 9489114741

Option 4 ID : 9489114743

Status : Answered

Chosen Option : 1

Q.97 Select the number from among the given options that can replace the question mark (?) in the following series.

19, 29, 59, 79, ?

- Ans
- ☒ 1. 99
 - ☒ 2. 89
 - ☒ 3. 119
 - ☒ 4. 109

Question ID : 9489111187

Option 1 ID : 9489114746

Option 2 ID : 9489114747

Option 3 ID : 9489114748

Option 4 ID : 9489114745

Status : Not Answered

Chosen Option : --

Q.98 Which of the following conclusions can be derived from the given statement?

For applying for the post of lecturer, passing NET is mandatory.

- Ans
- ☒ 1. NET helps to make people better teachers.
 - ☒ 2. NET is a desirable qualification for college teaching.
 - ☒ 3. Only those who pass NET qualify for college teaching.
 - ☒ 4. NET gives one an advantage in teaching.

Question ID : 9489111182

Option 1 ID : 9489114725

Option 2 ID : 9489114727

Option 3 ID : 9489114726

Option 4 ID : 9489114728

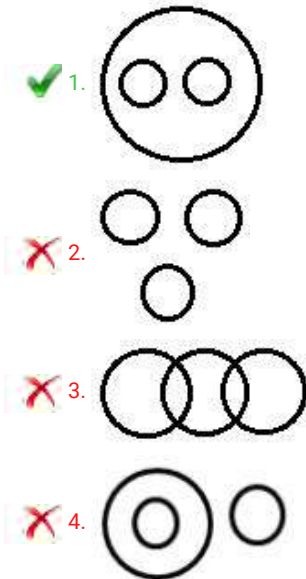
Status : Answered

Chosen Option : 3

Q.99 Select the Venn diagram that best represents the relationship between the following classes.

Communication, Telephone, Letter

Ans



Question ID : 9489111197

Option 1 ID : 9489114788

Option 2 ID : 9489114786

Option 3 ID : 9489114787

Option 4 ID : 9489114785

Status : Answered

Chosen Option : 1

Q.100 The table below gives the number of students passing an exam in a particular year.

Year	Girls	Boys
2016	128734	115526
2017	130567	124313
2018	129299	122131

Find the approximate average pass percentage in all three years, if the number of students appearing for the exam in any given year is 154000.

- Ans
- ☒ 1. 74%
 - ☒ 2. 68%
 - ☒ 3. 71%
 - ☒ 4. 73%

Question ID : 9489111191

Option 1 ID : 9489114761

Option 2 ID : 9489114764

Option 3 ID : 9489114763

Option 4 ID : 9489114762

Status : Answered

Chosen Option : 3

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