



सत्यमेव जयते

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ Kanti
Test Date	13/01/2021
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 _____ in Hyderabad is responsible for remote sensing satellite data acquisition and processing, data dissemination, aerial remote sensing and decision support for disaster management.

Ans ☒ 1. National Informatics Centre (NIC)

☒ 2.

Indian Institutes of Science Education and Research (IISER)

☒ 3. National Remote Sensing Centre (NRSC)

☒ 4. Indian Space Research Organization (ISRO)

Question ID : 9489112432

Option 1 ID : 9489119728

Option 2 ID : 9489119726

Option 3 ID : 9489119727

Option 4 ID : 9489119725

Status : Answered

Chosen Option : 2

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Q.2 Which of the following plant groups bear naked seeds?

- Ans
- ☒ 1. Angiosperms
 - ☐ 2. Gymnosperms
 - ☒ 3. Pteridophytes
 - ☒ 4. Thallophytes

Question ID : 9489112414

Option 1 ID : 9489119653

Option 2 ID : 9489119655

Option 3 ID : 9489119656

Option 4 ID : 9489119654

Status : Answered

Chosen Option : 1

Q.3 A shopkeeper purchased an article for ₹3,000. What will be the percentage of profit (approximately) if he sells that article for ₹3,600?

- Ans
- ☒ 1. 15 %
 - ☒ 2. 22 %
 - ☐ 3. 20 %
 - ☒ 4. 17 %

Question ID : 9489112356

Option 1 ID : 9489119422

Option 2 ID : 9489119424

Option 3 ID : 9489119423

Option 4 ID : 9489119421

Status : Answered

Chosen Option : 3

Q.4 Determine the values of a and b for which the following system of equations has infinite solutions.

$$2x - (a - 4)y = 2b + 1, 4x - (a - 1)y = 5b - 1$$

- Ans
- ☐ 1. $a = 7$ and $b = 3$
 - ☒ 2. $a = 7$ and $b = 1$
 - ☒ 3. $a = 5$ and $b = 2$
 - ☒ 4. $a = 2$ and $b = 7$

Question ID : 9489112365

Option 1 ID : 9489119460

Option 2 ID : 9489119458

Option 3 ID : 9489119459

Option 4 ID : 9489119457

Status : Answered

Chosen Option : 1

Q.5 In which of the following locations was 'Nataraja', a stone male dancing figure discovered?

- Ans ☒ 1. Harappa
☒ 2. Lothal
☒ 3. Rangpur
☒ 4. Mohenjo-daro

Question ID : 9489112417

Option 1 ID : 9489119668

Option 2 ID : 9489119665

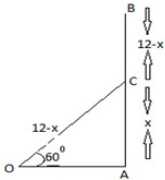
Option 3 ID : 9489119666

Option 4 ID : 9489119667

Status : Answered

Chosen Option : 1

Q.6 A tree, 12 m in height, is broken by the wind in such a way that its top touches the ground and makes an angle of 60° with the ground. At what height from the bottom is the tree broken by the wind?



- Ans ☒ 1. $(24\sqrt{2} - 30)m$
☒ 2. $(24\sqrt{3} - 36)m$
☒ 3. $(2\sqrt{3} - 3)m$
☒ 4. $24\sqrt{3}m$

Question ID : 9489112373

Option 1 ID : 9489119491

Option 2 ID : 9489119489

Option 3 ID : 9489119492

Option 4 ID : 9489119490

Status : Answered

Chosen Option : 2

Q.7 What is the full form of ASCII?

- Ans
- ☒ 1. American Standard Code for Information Interchange
 - ☐ 2. American Stable Code for Information Interchange
 - ☐ 3. American Standard Code for International Interchange
 - ☐ 4. American Stable Code for Institutional Interchange

Question ID : 9489112438

Option 1 ID : 9489119750

Option 2 ID : 9489119749

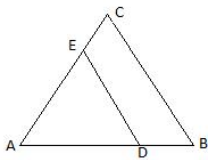
Option 3 ID : 9489119751

Option 4 ID : 9489119752

Status : Answered

Chosen Option : 1

Q.8 In the given figure, $DE \parallel BC$. If $AD = x$, $DB = x - 2$, $AE = x + 2$ and $EC = x - 1$, then find the value of x .



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

Question ID : 9489112372

Option 1 ID : 9489119486

Option 2 ID : 9489119487

Option 3 ID : 9489119488

Option 4 ID : 9489119485

Status : Answered

Chosen Option : 2

Q.9 A question is given followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Question:

Are joint families better than nuclear families?

Arguments:

1. Yes, joint families ensure security and the burden of work is shared.
2. No, nuclear families ensure freedom and there is no disturbance.

Ans ☒ 1. Neither argument 1 nor 2 is strong.
☒ 2. Only argument 1 is strong.
☒ 3. Both arguments 1 and 2 are strong.
☒ 4. Only argument 2 is strong.

Question ID : 9489112081

Option 1 ID : 9489118323

Option 2 ID : 9489118321

Option 3 ID : 9489118324

Option 4 ID : 9489118322

Status : Answered

Chosen Option : 2

Q.10 Which of the following is the largest bauxite producing states of India?

Ans ☒ 1. Odisha
☒ 2. Maharashtra
☒ 3. Bihar
☒ 4. Punjab

Question ID : 9489112423

Option 1 ID : 9489119692

Option 2 ID : 9489119691

Option 3 ID : 9489119690

Option 4 ID : 9489119689

Status : Answered

Chosen Option : 1

Q.11 In which year did King George-III establish the Supreme Court in Madras?

Ans ☒ 1. 1800
☒ 2. 1857
☒ 3. 1774
☒ 4. 1757

Question ID : 9489112419

Option 1 ID : 9489119674

Option 2 ID : 9489119676

Option 3 ID : 9489119675

Option 4 ID : 9489119673

Status : Answered

Chosen Option : 1

Q.12 According to a 2019 Stanford study, global warming has caused the Indian economy to shrink by _____ between 1961 and 2010.

- Ans**
- ☒ 1. 39%
 - ☒ 2. 31%
 - ☒ 3. 31.6%
 - ☒ 4. 37%

Question ID : 9489112440

Option 1 ID : 9489119760

Option 2 ID : 9489119758

Option 3 ID : 9489119757

Option 4 ID : 9489119759

Status : Answered

Chosen Option : 4

Q.13 What is the approximate percentage of female literacy in India according to 2011 Census?

- Ans**
- ☒ 1. 65.46%
 - ☒ 2. 46.89%
 - ☒ 3. 59.23%
 - ☒ 4. 29.32%

Question ID : 9489112425

Option 1 ID : 9489119698

Option 2 ID : 9489119699

Option 3 ID : 9489119700

Option 4 ID : 9489119697

Status : Answered

Chosen Option : 2

Q.14 Indian Standard Time (IST) is ahead of Greenwich Mean Time (GMT) by _____.

- Ans**
- ☒ 1. 3 h, 30 min
 - ☒ 2. 6 h, 15 min
 - ☒ 3. 5 h, 10 min
 - ☒ 4. 5 h, 30 min

Question ID : 9489112422

Option 1 ID : 9489119687

Option 2 ID : 9489119685

Option 3 ID : 9489119686

Option 4 ID : 9489119688

Status : Answered

Chosen Option : 4

Q.15 Which of the following airlines suspended all of its operations for an indefinite period on 17 April 2019 due to lack of funds?

- Ans
- ☐ 1. Kingfisher
 - ☒ 2. Jet Airways
 - ☐ 3. Air Vistara
 - ☐ 4. Spice Jet

Question ID : 9489112404

Option 1 ID : 9489119614

Option 2 ID : 9489119615

Option 3 ID : 9489119616

Option 4 ID : 9489119613

Status : Answered

Chosen Option : 1

Q.16 What is the full form of JNNURM?

- Ans
- ☐ 1. Jawaharlal Nehru National Utility Rural Mission
 - ☒ 2. Jawaharlal Nehru National Urban Renewal Mission
 - ☐ 3. Jawaharlal Nehru National Utility Renewal Mission
 - ☐ 4. Jawaharlal Nehru National Urban Rejuvenation Mission

Question ID : 9489112442

Option 1 ID : 9489119767

Option 2 ID : 9489119765

Option 3 ID : 9489119766

Option 4 ID : 9489119768

Status : Answered

Chosen Option : 4

Q.17 What is the SI unit of power of a lens called?

- Ans
- ☐ 1. Presbyopic
 - ☐ 2. Myopic
 - ☒ 3. Dioptre
 - ☐ 4. Hypermetropic

Question ID : 9489112413

Option 1 ID : 9489119651

Option 2 ID : 9489119652

Option 3 ID : 9489119649

Option 4 ID : 9489119650

Status : Answered

Chosen Option : 3

Q.18 Two statements are given followed by a conclusion. Decide whether the conclusion is true or false with respect to the statements.

Statements:

1. All that glitters is not gold.
2. Gold is glittery.

Conclusion:

Whatever glitters is other than gold.

- Ans**
- ☒ 1. The conclusion is probably false.
 - ☒ 2. The conclusion is definitely true.
 - ☒ 3. The conclusion is definitely false.
 - ☒ 4. The conclusion is probably true.

Question ID : 9489112082

Option 1 ID : 9489118327

Option 2 ID : 9489118325

Option 3 ID : 9489118328

Option 4 ID : 9489118326

Status : Answered

Chosen Option : 4

Q.19 Find the value of the series

$$(2^2 + 4^2 + 6^2 + \dots + 22^2).$$

- Ans**
- ☒ 1. 1224
 - ☒ 2. 2024
 - ☒ 3. 1042
 - ☒ 4. 4220

Question ID : 9489112352

Option 1 ID : 9489119407

Option 2 ID : 9489119406

Option 3 ID : 9489119405

Option 4 ID : 9489119408

Status : Answered

Chosen Option : 2

Q.20 If α and β are the zeros of the polynomial $f(x) = kx^2 + 4x + 4$ such that $\alpha^2 + \beta^2 = 24$, then find the positive value of k .

Ans

☒ 1. $\frac{4}{3}$

☒ 2. $\frac{1}{3}$

☒ 3. $\frac{3}{4}$

☒ 4. $\frac{2}{3}$

Question ID : 9489112364

Option 1 ID : 9489119456

Option 2 ID : 9489119454

Option 3 ID : 9489119453

Option 4 ID : 9489119455

Status : Answered

Chosen Option : 4

Q.21 Name the first country of the Soviet Republic (USSR) to declare its independence.

Ans

☒ 1. Georgia

☒ 2. Moldova

☒ 3. Lithuania

☒ 4. Ukraine

Question ID : 9489112424

Option 1 ID : 9489119693

Option 2 ID : 9489119695

Option 3 ID : 9489119694

Option 4 ID : 9489119696

Status : Answered

Chosen Option : 3

Q.22 In a row of girls, Vani is 6th from one extreme and 8th from the other. Find the total number of girls in the row.

Ans

☒ 1. 14

☒ 2. 12

☒ 3. 13

☒ 4. 15

Question ID : 9489112102

Option 1 ID : 9489118407

Option 2 ID : 9489118405

Option 3 ID : 9489118406

Option 4 ID : 9489118408

Status : Answered

Chosen Option : 3

Q.23 How many banks were nationalised in India in the year 1969?

- Ans
- ☐ 1. 8
 - ☐ 2. 10
 - ☒ 3. 14
 - ☐ 4. 15

Question ID : 9489112441
Option 1 ID : 9489119764
Option 2 ID : 9489119762
Option 3 ID : 9489119761
Option 4 ID : 9489119763
Status : Answered
Chosen Option : 3

Q.24 Ravi took a loan from a bank at the rate of 8% p.a. simple interest. After 5 years, he had to pay an interest of ₹6,400 for the period. Find the principal amount borrowed by Ravi.

- Ans
- ☒ 1. ₹16,000
 - ☐ 2. ₹15,000
 - ☐ 3. ₹18,000
 - ☐ 4. ₹10,000

Question ID : 9489112359
Option 1 ID : 9489119433
Option 2 ID : 9489119434
Option 3 ID : 9489119436
Option 4 ID : 9489119435
Status : Answered
Chosen Option : 1

Q.25 Iodine is essential for the synthesis of _____.

- Ans
- ☐ 1. Cytokinin
 - ☒ 2. Thyroxine
 - ☐ 3. Insulin
 - ☐ 4. Oestrogen

Question ID : 9489112411
Option 1 ID : 9489119643
Option 2 ID : 9489119642
Option 3 ID : 9489119641
Option 4 ID : 9489119644
Status : Answered
Chosen Option : 2

Q.26 Two trains, going in opposite directions, start at the same time from two stations that are 250 km apart. The trains meet each other at a distance of 130 km from one of the stations. Find the ratio of their speeds.

- Ans** ☒ 1. 13 : 12
☒ 2. 12 : 11
☒ 3. 9 : 8
☒ 4. 15 : 14

Question ID : 9489112362

Option 1 ID : 9489119448

Option 2 ID : 9489119445

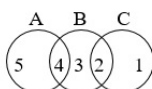
Option 3 ID : 9489119446

Option 4 ID : 9489119447

Status : Answered

Chosen Option : 1

Q.27 In the following diagram, A represents servicemen, B represents rich men and C represents honest men. Which number represents rich servicemen?



- Ans** ☒ 1. 5
☒ 2. 3
☒ 3. 2
☒ 4. 4

Question ID : 9489112096

Option 1 ID : 9489118384

Option 2 ID : 9489118383

Option 3 ID : 9489118382

Option 4 ID : 9489118381

Status : Answered

Chosen Option : 4

Q.28 Ramesh buys an article for 15% less than its original value, and sells it for 10% more than its original value. Find the percentage of gain (approximately).

- Ans** ☒ 1. 25.62%
☒ 2. 41.52%
☒ 3. 31.25%
☒ 4. 29.41%

Question ID : 9489112357

Option 1 ID : 9489119427

Option 2 ID : 9489119428

Option 3 ID : 9489119426

Option 4 ID : 9489119425

Status : Answered

Chosen Option : 4

Q.29 With which of the following musical instruments was V Balsara associated?

- Ans
- ☐ 1. Jal Tarang
 - ☐ 2. Sarangi
 - ☒ 3. Piano
 - ☐ 4. Mandolin

Question ID : 9489112410

Option 1 ID : 9489119640

Option 2 ID : 9489119637

Option 3 ID : 9489119638

Option 4 ID : 9489119639

Status : Answered

Chosen Option : 2

Q.30 According to the time by Rohan's watch, it is half past 6 and the watch's hands are pointing to the south. In which of the given directions will the minute-hand point AFTER exactly 24 hours?

- Ans
- ☐ 1. East
 - ☐ 2. West
 - ☐ 3. North
 - ☒ 4. South

Question ID : 9489112097

Option 1 ID : 9489118387

Option 2 ID : 9489118386

Option 3 ID : 9489118385

Option 4 ID : 9489118388

Status : Answered

Chosen Option : 4

Q.31 In a certain code language, BOTTLE is written as 88. How will GREEN be written as in that language?

- Ans
- ☐ 1. 56
 - ☐ 2. 77
 - ☐ 3. 66
 - ☒ 4. 86

Question ID : 9489112079

Option 1 ID : 9489118315

Option 2 ID : 9489118314

Option 3 ID : 9489118313

Option 4 ID : 9489118316

Status : Not Answered

Chosen Option : --

Q.32 If $\tan \theta = \frac{12}{13}$, then find the value of $\frac{2 \sin \theta \cos \theta}{\cos^2 \theta - \sin^2 \theta}$.

Ans

- ☒ 1. $\frac{13}{12}$
☒ 2. $\frac{413}{25}$
☒ 3. $\frac{312}{25}$
☒ 4. $\frac{512}{25}$

Question ID : 9489112368

Option 1 ID : 9489119469

Option 2 ID : 9489119471

Option 3 ID : 9489119472

Option 4 ID : 9489119470

Status : Answered

Chosen Option : 3

Q.33 Find the compound interest on an amount of ₹8,000 at 5% p.a. for 2 years, compounded annually.

Ans

- ☒ 1. ₹920
☒ 2. ₹820
☒ 3. ₹780
☒ 4. ₹630

Question ID : 9489112360

Option 1 ID : 9489119437

Option 2 ID : 9489119438

Option 3 ID : 9489119439

Option 4 ID : 9489119440

Status : Answered

Chosen Option : 2

Q.34 Which of the following is the energy currency for most cellular processes?

Ans

- ☒ 1. ATP
☒ 2. ADP
☒ 3. Glucose
☒ 4. Pyruvate

Question ID : 9489112416

Option 1 ID : 9489119661

Option 2 ID : 9489119662

Option 3 ID : 9489119663

Option 4 ID : 9489119664

Status : Answered

Chosen Option : 1

Q.35 In 2019, the United Nations Environment Assembly (UNEA) adopted two resolutions piloted by India. Which were these two resolutions?

- Ans**
- ☒ 1. Single-use plastic and sustainable nitrogen management
 - ☐ 2. Better living standards and pollution control
 - ☐ 3. Check on water pollution and better drainage systems
 - ☐ 4. Checks on air pollution and noise pollution

Question ID : 9489112426

Option 1 ID : 9489119704

Option 2 ID : 9489119701

Option 3 ID : 9489119702

Option 4 ID : 9489119703

Status : Answered

Chosen Option : 2

Q.36 500 persons are taking a dip in a cuboidal pond, which is 80 m long and 50 m broad. What is the rise in the water level in the pond, if the average displacement of the water by one person is 0.04 m^3 ?

- Ans**
- ☒ 1. 0.5 cm
 - ☐ 2. 1 cm
 - ☐ 3. 2.5 cm
 - ☐ 4. 1.5 cm

Question ID : 9489112367

Option 1 ID : 9489119466

Option 2 ID : 9489119468

Option 3 ID : 9489119467

Option 4 ID : 9489119465

Status : Answered

Chosen Option : 1

Q.37 Which of the following languages does a computer use to process data?

- Ans**
- ☐ 1. BASIC
 - ☐ 2. COBOL
 - ☐ 3. Windows
 - ☒ 4. Binary

Question ID : 9489112436

Option 1 ID : 9489119742

Option 2 ID : 9489119744

Option 3 ID : 9489119743

Option 4 ID : 9489119741

Status : Answered

Chosen Option : 4

Q.38

If $x = a \sin \theta$, and $y = b \tan \theta$, then find the value of $\frac{a^2}{x^2} - \frac{b^2}{y^2}$.

Ans

- ☒ 1. 1
☐ 2. 2
☐ 3. -1
☐ 4. 0

Question ID : 9489112369

Option 1 ID : 9489119473

Option 2 ID : 9489119476

Option 3 ID : 9489119474

Option 4 ID : 9489119475

Status : Answered

Chosen Option : 1

Q.39

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

7 : 54 :: 9 : ?

Ans

- ☐ 1. 81
☐ 2. 71
☐ 3. 63
☒ 4. 86

Question ID : 9489112093

Option 1 ID : 9489118369

Option 2 ID : 9489118370

Option 3 ID : 9489118371

Option 4 ID : 9489118372

Status : Answered

Chosen Option : 4

Q.40

When did the Ministry of Human Resource Development launch Samagra Shiksha Abhiyan? The scheme focuses on improving quality of education and using technology to empower children and teachers.

Ans

- ☐ 1. January 2015
☒ 2. May 2018
☐ 3. March 2019
☐ 4. July 2017

Question ID : 9489112439

Option 1 ID : 9489119755

Option 2 ID : 9489119754

Option 3 ID : 9489119756

Option 4 ID : 9489119753

Status : Answered

Chosen Option : 2

Q.41 Which authority was successful in recovering ₹1514 crore of depositors' money from The Peerless General Finance & Investment Co Ltd. in April 2019?

- Ans**
- ☒ 1. Central Bureau of Investigation (CBI)
 - ☒ 2. Investor Education and Protection Fund Authority (IEPFA)
 - ☒ 3. Reserve Bank of India (RBI)
 - ☒ 4. International Monetary Fund (IMF)

Question ID : 9489112443

Option 1 ID : 9489119772

Option 2 ID : 9489119771

Option 3 ID : 9489119770

Option 4 ID : 9489119769

Status : Answered

Chosen Option : 4

Q.42 Select the option that is related to the third term in the same way as the second term is related to the first term.

Boy : Man :: Child : ?

- Ans**
- ☒ 1. Adult
 - ☒ 2. Woman
 - ☒ 3. Girl
 - ☒ 4. Infant

Question ID : 9489112075

Option 1 ID : 9489118297

Option 2 ID : 9489118299

Option 3 ID : 9489118298

Option 4 ID : 9489118300

Status : Answered

Chosen Option : 1

Q.43 Find the value of $\frac{0.868 \times 0.237 + 0.868 \times 0.763}{0.7 \times 0.936 + 0.7 \times 0.064}$.

- Ans**
- ☒ 1. 0.124
 - ☒ 2. 12.4
 - ☒ 3. 1.42
 - ☒ 4. 1.24

Question ID : 9489112346

Option 1 ID : 9489119382

Option 2 ID : 9489119383

Option 3 ID : 9489119384

Option 4 ID : 9489119381

Status : Answered

Chosen Option : 4

Q.44 Who among the following wrote the book 'Hind Swaraj'?

- Ans
- ☐ 1. Subhash Chandra Bose
 - ☐ 2. Jawaharlal Nehru
 - ☒ 3. Mahatma Gandhi
 - ☐ 4. Sarojini Naidu

Question ID : 9489112409

Option 1 ID : 9489119634

Option 2 ID : 9489119633

Option 3 ID : 9489119636

Option 4 ID : 9489119635

Status : Answered

Chosen Option : 3

Q.45 Which of the following UN agencies promotes International Labour Rights?

- Ans
- ☐ 1. ICAO
 - ☐ 2. IMF
 - ☐ 3. IMO
 - ☒ 4. ILO

Question ID : 9489112435

Option 1 ID : 9489119740

Option 2 ID : 9489119739

Option 3 ID : 9489119738

Option 4 ID : 9489119737

Status : Answered

Chosen Option : 4

Q.46 If the population of a village increased from 1,75,000 to 2,62,500 in 5 years, then find the average percentage increase in the population per year.

- Ans
- ☐ 1. 9%
 - ☐ 2. 12%
 - ☒ 3. 10%
 - ☐ 4. 15%

Question ID : 9489112355

Option 1 ID : 9489119419

Option 2 ID : 9489119420

Option 3 ID : 9489119417

Option 4 ID : 9489119418

Status : Answered

Chosen Option : 3

Q.47 One-fourth of a number is equal to three-eighth of another number. If 30 is added to the first number, then it becomes six times that of the second number. The first number is:

- Ans**
- ☒ 1. 10
 - ☐ 2. 12
 - ☐ 3. 15
 - ☐ 4. 20

Question ID : 9489112351

Option 1 ID : 9489119402

Option 2 ID : 9489119403

Option 3 ID : 9489119401

Option 4 ID : 9489119404

Status : Answered

Chosen Option : 1

Q.48 Which country won the FIFA World Cup 2018?

- Ans**
- ☐ 1. Croatia
 - ☒ 2. France
 - ☐ 3. Brazil
 - ☐ 4. Italy

Question ID : 9489112407

Option 1 ID : 9489119625

Option 2 ID : 9489119626

Option 3 ID : 9489119627

Option 4 ID : 9489119628

Status : Answered

Chosen Option : 3

Q.49 Select the option that is related to the third term in the same way as the second term is related to the first term.

Import : Export :: Expenditure : ?

- Ans**
- ☐ 1. Budget
 - ☐ 2. Economy
 - ☐ 3. Credit
 - ☒ 4. Revenue

Question ID : 9489112074

Option 1 ID : 9489118293

Option 2 ID : 9489118296

Option 3 ID : 9489118294

Option 4 ID : 9489118295

Status : Answered

Chosen Option : 3

Q.50 What is the full form of UNDP?

- Ans
- ☒ 1. United Nations Digital Project
 - ☒ 2. United Nations Digital Programme
 - ☒ 3. United Nations Development Programme
 - ☒ 4. United Nations Development Project

Question ID : 9489112433

Option 1 ID : 9489119730

Option 2 ID : 9489119729

Option 3 ID : 9489119732

Option 4 ID : 9489119731

Status : Answered

Chosen Option : 3

Q.51 Select the option that is related to the third fraction in the same way as the second fraction is related to the first fraction.

$$\frac{1}{4} : \frac{1}{8} :: \frac{1}{3} : ?$$

- Ans
- ☒ 1. $\frac{1}{9}$
 - ☒ 2. $\frac{1}{2}$
 - ☒ 3. $\frac{1}{4}$
 - ☒ 4. $\frac{1}{6}$

Question ID : 9489112095

Option 1 ID : 9489118379

Option 2 ID : 9489118380

Option 3 ID : 9489118378

Option 4 ID : 9489118377

Status : Answered

Chosen Option : 4

Q.52 A man asked a boy, "Tell me a number which is greater than '4' but less than '9'. Also, it should be greater than '7' but less than '11'. The number is:

- Ans
- ☒ 1. 8
 - ☒ 2. 10
 - ☒ 3. 7
 - ☒ 4. 6

Question ID : 9489112101

Option 1 ID : 9489118403

Option 2 ID : 9489118404

Option 3 ID : 9489118402

Option 4 ID : 9489118401

Status : Answered

Chosen Option : 1

Q.53 In a certain code language, R is written as 9, C is written as 24 and E is written as 22. How will RECITE be written as in that language?

- Ans**
- ☒ 1. 9222418722
 - ☐ 2. 9222418227
 - ☐ 3. 9222417822
 - ☐ 4. 9222318722

Question ID : 9489112078

Option 1 ID : 9489118312

Option 2 ID : 9489118309

Option 3 ID : 9489118311

Option 4 ID : 9489118310

Status : Answered

Chosen Option : 3

Q.54 What among the following is the Primary purpose of The Chipko Andolan?

- Ans**
- ☐ 1. Save the Earth
 - ☐ 2. Prevent Global warming
 - ☐ 3. Reserve the Water Resources
 - ☒ 4. Save Trees and forests

Question ID : 9489112434

Option 1 ID : 9489119735

Option 2 ID : 9489119736

Option 3 ID : 9489119734

Option 4 ID : 9489119733

Status : Answered

Chosen Option : 4

Q.55 If the mean of the following data is 15, then find the value of k.

x	5	10	15	20	25
f	6	k	6	10	5

- Ans**
- ☐ 1. 7
 - ☒ 2. 8
 - ☐ 3. 6
 - ☐ 4. 10

Question ID : 9489112371

Option 1 ID : 9489119483

Option 2 ID : 9489119484

Option 3 ID : 9489119481

Option 4 ID : 9489119482

Status : Answered

Chosen Option : 2

Q.56 Find the value of x such that the expression $(12.95 \times 12.95 + 12.95 \times x + 0.03 \times 0.03)$ will be perfect square.

- Ans**
- ☒ 1. 0.015
 - ☒ 2. 0.06
 - ☐ 3. 0.006
 - ☐ 4. 0.6

Question ID : 9489112347

Option 1 ID : 9489119385

Option 2 ID : 9489119387

Option 3 ID : 9489119386

Option 4 ID : 9489119388

Status : Answered

Chosen Option : 2

Q.57 U, V, W, X, Y and Z are sitting in a circle, facing the middle of the circle. V is to the left of Y, W is to the right of Y, Z is in the middle of U and X. U is to the immediate right of W. Who is to the immediate left of V?

- Ans**
- ☒ 1. X
 - ☐ 2. Z
 - ☐ 3. Y
 - ☐ 4. W

Question ID : 9489112103

Option 1 ID : 9489118411

Option 2 ID : 9489118409

Option 3 ID : 9489118412

Option 4 ID : 9489118410

Status : Answered

Chosen Option : 1

Q.58 Which of the following satellites is India's first dedicated multi-wavelength space observatory?

- Ans**
- ☐ 1. INSAT
 - ☒ 2. Astrosat
 - ☐ 3. IRS
 - ☐ 4. JUGNU

Question ID : 9489112430

Option 1 ID : 9489119717

Option 2 ID : 9489119720

Option 3 ID : 9489119718

Option 4 ID : 9489119719

Status : Answered

Chosen Option : 1

Q.59 _____ and _____ are the two kinds of sound effects files that can be added in Microsoft PowerPoint.

- Ans ☒ 1. .wav files, .mid files
- ☐ 2. .jpg files, .pdf files
- ☐ 3. .wav files, .jpg files
- ☐ 4. .doc files, .gif files

Question ID : 9489112437

Option 1 ID : 9489119747

Option 2 ID : 9489119745

Option 3 ID : 9489119748

Option 4 ID : 9489119746

Status : Answered

Chosen Option : 1

Q.60 If two cubes, each with a side of 10 cm, are joined end to end, then find the surface area of the resulting cuboid.

- Ans ☒ 1. 1000 cm²
- ☐ 2. 100 cm²
- ☐ 3. 500 cm²
- ☐ 4. 300 cm²

Question ID : 9489112366

Option 1 ID : 9489119462

Option 2 ID : 9489119461

Option 3 ID : 9489119464

Option 4 ID : 9489119463

Status : Answered

Chosen Option : 1

Q.61 Into how many constituencies was India divided for the 2019 Lok Sabha elections?

- Ans ☒ 1. 543
- ☐ 2. 247
- ☐ 3. 345
- ☐ 4. 342

Question ID : 9489112427

Option 1 ID : 9489119706

Option 2 ID : 9489119708

Option 3 ID : 9489119707

Option 4 ID : 9489119705

Status : Answered

Chosen Option : 1

Q.62 Who is known as the 'Napoleon of India'?

- Ans
- ☐ 1. Chandragupta
 - ☐ 2. Kumaragupta
 - ☒ 3. Samudragupta
 - ☐ 4. Skandagupta

Question ID : 9489112418

Option 1 ID : 9489119669

Option 2 ID : 9489119671

Option 3 ID : 9489119670

Option 4 ID : 9489119672

Status : Answered

Chosen Option : 3

Q.63 Who among the following won gold in boxing at the Asian Boxing Championships held in Bangkok in 2019?

- Ans
- ☐ 1. Bhagyabati Kachari
 - ☐ 2. Mary Kom
 - ☐ 3. Kavita Chahal
 - ☒ 4. Pooja Rani

Question ID : 9489112405

Option 1 ID : 9489119617

Option 2 ID : 9489119620

Option 3 ID : 9489119619

Option 4 ID : 9489119618

Status : Answered

Chosen Option : 2

Q.64 As of 2020, how many nuclear reactors are in operation in India?

- Ans
- ☐ 1. 17
 - ☐ 2. 7
 - ☐ 3. 12
 - ☒ 4. 22

Question ID : 9489112431

Option 1 ID : 9489119721

Option 2 ID : 9489119722

Option 3 ID : 9489119723

Option 4 ID : 9489119724

Status : Answered

Chosen Option : 2

Q.65 _____ honoured Prime Minister Narendra Modi with the Zayed Medal, its highest civilian honour in 2019.

- Ans
- ☒ 1. Oman
 - ☒ 2. UAE
 - ☐ 3. Saudi Arabia
 - ☐ 4. Kuwait

Question ID : 9489112406

Option 1 ID : 9489119621

Option 2 ID : 9489119622

Option 3 ID : 9489119623

Option 4 ID : 9489119624

Status : Answered

Chosen Option : 4

Q.66 Find the value of

$$\left(\frac{\sqrt{3}-1}{\sqrt{3}+1} + \frac{\sqrt{3}+1}{\sqrt{3}-1} + \frac{2-\sqrt{3}}{2+\sqrt{3}} + \frac{2+\sqrt{3}}{2-\sqrt{3}} \right).$$

- Ans
- ☒ 1. 18
 - ☐ 2. 14
 - ☐ 3. 20
 - ☐ 4. 16

Question ID : 9489112348

Option 1 ID : 9489119389

Option 2 ID : 9489119392

Option 3 ID : 9489119391

Option 4 ID : 9489119390

Status : Answered

Chosen Option : 1

Q.67 In which of the following years was 'Purna Swaraj' accepted as an Indian National Congress goal at INC's Lahore session?

- Ans
- ☒ 1. 1929
 - ☐ 2. 1931
 - ☐ 3. 1928
 - ☐ 4. 1939

Question ID : 9489112420

Option 1 ID : 9489119679

Option 2 ID : 9489119677

Option 3 ID : 9489119680

Option 4 ID : 9489119678

Status : Answered

Chosen Option : 1

Q.68 Who among the following was not the member of Draft Committee of the Indian Constitution?

- Ans
- ☐ 1. N. Gopalaswami Ayyangar
 - ☐ 2. Dr K.M. Munshi
 - ☒ 3. A.V. Thakkar
 - ☐ 4. Syed Mohammad Saadullah

Question ID : 9489112429

Option 1 ID : 9489119713

Option 2 ID : 9489119714

Option 3 ID : 9489119715

Option 4 ID : 9489119716

Status : Answered

Chosen Option : 3

Q.69 Select the number from among the given options that can replace the question mark (?) in the following series.

9, 36, 144, ?

- Ans
- ☐ 1. 675
 - ☐ 2. 657
 - ☒ 3. 576
 - ☐ 4. 756

Question ID : 9489112084

Option 1 ID : 9489118335

Option 2 ID : 9489118336

Option 3 ID : 9489118333

Option 4 ID : 9489118334

Status : Answered

Chosen Option : 3

Q.70 A and B can finish a project in 10 days, B and C can finish it in 20 days, and C and A can finish it in 30 days. If A, B and C work together, they will finish the project in:

- Ans
- ☐ 1. $\frac{110}{7}$ days
 - ☐ 2. $\frac{130}{11}$ days
 - ☒ 3. $\frac{120}{11}$ days
 - ☐ 4. $\frac{120}{7}$ days

Question ID : 9489112361

Option 1 ID : 9489119442

Option 2 ID : 9489119443

Option 3 ID : 9489119441

Option 4 ID : 9489119444

Status : Answered

Chosen Option : 3

Q.71 The following table shows the number of students of particular ages in a class of 40 students. Find the mean age of the students.

Age in years (x)	15	16	17	18	19	20
No of students (f)	3	8	10	10	5	4

- Ans**
- ☐ 1. 15.45
- ☒ 2. 17.45
- ☐ 3. 18.25
- ☐ 4. 16.35

Question ID : 9489112370
Option 1 ID : 9489119478
Option 2 ID : 9489119479
Option 3 ID : 9489119480
Option 4 ID : 9489119477
Status : Answered
Chosen Option : 2

Q.72 Find the least number by which 588 must be multiplied to make it a perfect square.

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

Question ID : 9489112349
Option 1 ID : 9489119393
Option 2 ID : 9489119396
Option 3 ID : 9489119395
Option 4 ID : 9489119394
Status : Answered
Chosen Option : 3

Q.73 When the numerator of a fraction increases by 6, the fraction increases by three-fourth. The denominator of the fraction is:

- Ans**
- ☐ 1. 12
- ☒ 2. 8
- ☐ 3. 10
- ☐ 4. 6

Question ID : 9489112350
Option 1 ID : 9489119400
Option 2 ID : 9489119397
Option 3 ID : 9489119399
Option 4 ID : 9489119398
Status : Answered
Chosen Option : 2

Q.74 Which of the following devices is based on the phenomenon of electromagnetic induction?

- Ans
- ☐ 1. Ammeter
 - ☒ 2. Generator
 - ☐ 3. Galvanometer
 - ☐ 4. Bulb

Question ID : 9489112412

Option 1 ID : 9489119646

Option 2 ID : 9489119647

Option 3 ID : 9489119648

Option 4 ID : 9489119645

Status : Answered

Chosen Option : 3

Q.75 In a college, if 15% of the boys are the same in number as one-third of the girls, then find the ratio of the number of boys to that of girls in the college.

- Ans
- ☐ 1. 20 : 7
 - ☐ 2. 7 : 20
 - ☒ 3. 20 : 9
 - ☐ 4. 9 : 20

Question ID : 9489112358

Option 1 ID : 9489119432

Option 2 ID : 9489119429

Option 3 ID : 9489119431

Option 4 ID : 9489119430

Status : Answered

Chosen Option : 3

Q.76 Which of the following is NOT a conventional source of energy?

- Ans
- ☐ 1. Natural gas
 - ☒ 2. Wind mill
 - ☐ 3. Petroleum
 - ☐ 4. Coal

Question ID : 9489112415

Option 1 ID : 9489119657

Option 2 ID : 9489119658

Option 3 ID : 9489119659

Option 4 ID : 9489119660

Status : Answered

Chosen Option : 2

Q.77 1000 boys and 600 girls are examined in a test. If 40% of the boys and 35% of the girls passed, then find the percentage (approximately) of the total number of candidates who failed in the test.

- Ans**
- ☒ 1. 31.75%
 - ☒ 2. 70.25%
 - ☒ 3. 61.88%
 - ☒ 4. 50.89%

Question ID : 9489112354
Option 1 ID : 9489119415
Option 2 ID : 9489119413
Option 3 ID : 9489119416
Option 4 ID : 9489119414
Status : Answered
Chosen Option : 3

Q.78 Find the largest three-digit number that is exactly divisible by 6, 9, 12 and 15.

- Ans**
- ☒ 1. 900
 - ☒ 2. 895
 - ☒ 3. 999
 - ☒ 4. 925

Question ID : 9489112344
Option 1 ID : 9489119376
Option 2 ID : 9489119375
Option 3 ID : 9489119374
Option 4 ID : 9489119373
Status : Answered
Chosen Option : 1

Q.79 'Humayun Nama' provides a glimpse into the world of Mughals. Who wrote this book?

- Ans**
- ☒ 1. Abu'l Fazl
 - ☒ 2. Gulbadan Begum
 - ☒ 3. Nadira
 - ☒ 4. Jahanara Begum

Question ID : 9489112421
Option 1 ID : 9489119683
Option 2 ID : 9489119684
Option 3 ID : 9489119681
Option 4 ID : 9489119682
Status : Answered
Chosen Option : 2

Q.80 Car A is twice as fast as car B, and car B is thrice as fast as car C. The distance covered by car C in 60 minutes will be covered by car B in:

- Ans**
- ☒ 1. 25 minutes
 - ☒ 2. 16 minutes
 - ☒ 3. 20 minutes
 - ☒ 4. 18 minutes

Question ID : 9489112363

Option 1 ID : 9489119451

Option 2 ID : 9489119452

Option 3 ID : 9489119449

Option 4 ID : 9489119450

Status : Answered

Chosen Option : 3

Q.81 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 6, 18, 54, ?

- Ans**
- ☒ 1. 84
 - ☒ 2. 94
 - ☒ 3. 104
 - ☒ 4. 162

Question ID : 9489112083

Option 1 ID : 9489118329

Option 2 ID : 9489118331

Option 3 ID : 9489118332

Option 4 ID : 9489118330

Status : Answered

Chosen Option : 4

Q.82 Find the number of terms in the sequence 4, 8, 16, 32, ... 512.

- Ans**
- ☒ 1. 7
 - ☒ 2. 10
 - ☒ 3. 9
 - ☒ 4. 8

Question ID : 9489112353

Option 1 ID : 9489119410

Option 2 ID : 9489119409

Option 3 ID : 9489119412

Option 4 ID : 9489119411

Status : Answered

Chosen Option : 4

Q.83 Determine the LCM of

$$\frac{2}{3}, \frac{4}{9}, \frac{8}{15} \text{ and } \frac{10}{21}.$$

Ans

✗ 1. $\frac{20}{3}$

✗ 2. $\frac{3}{20}$

✗ 3. $\frac{3}{40}$

✓ 4. $\frac{40}{3}$

Question ID : 9489112345

Option 1 ID : 9489119378

Option 2 ID : 9489119377

Option 3 ID : 9489119380

Option 4 ID : 9489119379

Status : Answered

Chosen Option : 4

Q.84 In which of the following cities is the famous Jallianwala Bagh located?

Ans

✓ 1. Amritsar

✗ 2. Panipat

✗ 3. Patna

✗ 4. Ambala

Question ID : 9489112408

Option 1 ID : 9489119630

Option 2 ID : 9489119632

Option 3 ID : 9489119629

Option 4 ID : 9489119631

Status : Answered

Chosen Option : 1

Q.85 Under the Indian political system, there is reservation for women in the:

- Ans
- ☒ 1. Rajya Sabha
 - ☒ 2. Panchayati Raj Institutions
 - ☒ 3. State Assemblies
 - ☒ 4. Lok Sabha

Question ID : 9489112428

Option 1 ID : 9489119710

Option 2 ID : 9489119712

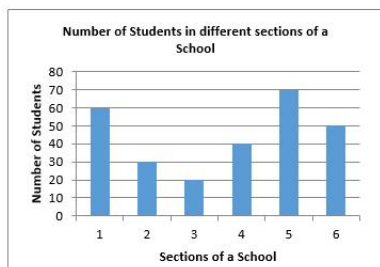
Option 3 ID : 9489119711

Option 4 ID : 9489119709

Status : Answered

Chosen Option : 2

Q.86 Observe the bar graph showing the number of students in different sections of a school and answer the question.



The strength of which of the following two sections is in the ratio of 1 : 3 ?

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

Question ID : 9489112089

Option 1 ID : 9489118355

Option 2 ID : 9489118356

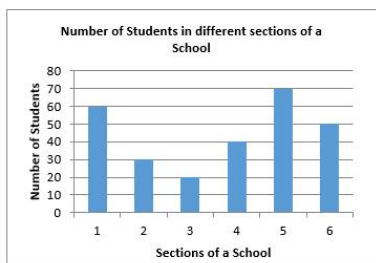
Option 3 ID : 9489118354

Option 4 ID : 9489118353

Status : Answered

Chosen Option : 2

Q.87 Observe the bar graph showing the number of students in different sections of a school and answer the question.



Which of the sections given below has exactly double the number of students as compared to any one of the other sections?

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

Question ID : 9489112090

Option 1 ID : 9489118357

Option 2 ID : 9489118360

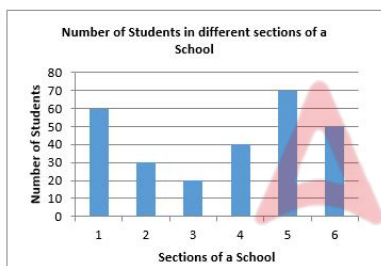
Option 3 ID : 9489118359

Option 4 ID : 9489118358

Status : Answered

Chosen Option : 4

Q.88 Observe the bar graph showing the number of students in different sections of a school and answer the question.



What is the difference between the average number of students in the 3 most populated sections and the 3 least populated sections?

- Ans**
- ☒ 1. 40
 - ☒ 2. 30
 - ☒ 3. 20
 - ☒ 4. 50

Question ID : 9489112091

Option 1 ID : 9489118364

Option 2 ID : 9489118361

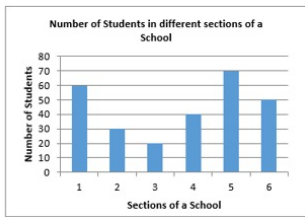
Option 3 ID : 9489118363

Option 4 ID : 9489118362

Status : Answered

Chosen Option : 2

Q.89 Observe the bar graph showing the number of students in different sections of a school and answer the question.



Which section has nearly the average number of students when compared with all the 6 sections of the graph?

- Ans**
- ☒ 1. Sections 1 and 3
 - ☒ 2. Sections 4 and 5
 - ☒ 3. Sections 2 and 3
 - ☒ 4. Sections 4 and 6

Question ID : 9489112092

Option 1 ID : 9489118368

Option 2 ID : 9489118365

Option 3 ID : 9489118366

Option 4 ID : 9489118367

Status : Answered

Chosen Option : 4

Q.90 Select the number from among the given options that can replace the question mark (?) in the following series.

108, 117, 126, ?

- Ans**
- ☒ 1. 169
 - ☒ 2. 135
 - ☒ 3. 136
 - ☒ 4. 139

Question ID : 9489112086

Option 1 ID : 9489118344

Option 2 ID : 9489118341

Option 3 ID : 9489118342

Option 4 ID : 9489118343

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.

DKQV : GNTY :: HMPS : ?

- Ans**
- ☒ 1. MGTD
 - ☒ 2. RPLS
 - ☒ 3. KPSV
 - ☒ 4. SNTH

Question ID : 9489112099

Option 1 ID : 9489118394

Option 2 ID : 9489118396

Option 3 ID : 9489118393

Option 4 ID : 9489118395

Status : Answered

Chosen Option : 3

Q.92 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 9, 28, 65, ?

- Ans**
- ☒ 1. 256
 - ☒ 2. 126
 - ☒ 3. 217
 - ☒ 4. 124

Question ID : 9489112088

Option 1 ID : 9489118352

Option 2 ID : 9489118351

Option 3 ID : 9489118350

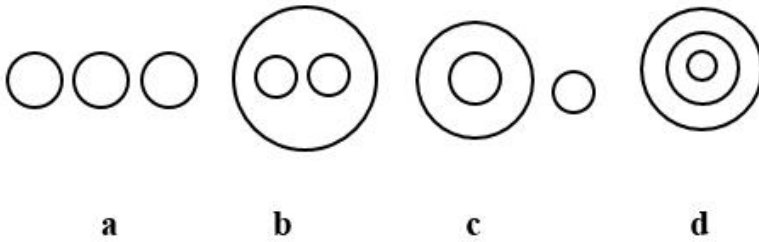
Option 4 ID : 9489118349

Status : Answered

Chosen Option : 2

Q.93 Which of the following Venn Diagrams best represents the given sets:

Father, Daughter, Dog



Ans

- ☒ 1. b
☒ 2. a
☒ 3. d
☒ 4. c

Question ID : 9489112100

Option 1 ID : 9489118398

Option 2 ID : 9489118397

Option 3 ID : 9489118400

Option 4 ID : 9489118399

Status : Answered

Chosen Option : 2

Q.94 In a certain code language, N is written as 13, P is written as 11 and T is written as 7. How will APPARENT be written as in that language?

Ans

- ☒ 1. 26111126621237
☒ 2. 25111129622137
☒ 3. 11616118514207
☒ 4. 26111126922137

Question ID : 9489112076

Option 1 ID : 9489118304

Option 2 ID : 9489118303

Option 3 ID : 9489118301

Option 4 ID : 9489118302

Status : Answered

Chosen Option : 4

Q.95 In a certain code language, RICE is written as 73. How will FLOUR be written as in that language?

- Ans**
- ☒ 1. 83
 - ☒ 2. 93
 - ☒ 3. 53
 - ☒ 4. 63

Question ID : 9489112080

Option 1 ID : 9489118319

Option 2 ID : 9489118320

Option 3 ID : 9489118318

Option 4 ID : 9489118317

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.

875, 175, 35, ?

- Ans**
- ☒ 1. 15
 - ☒ 2. 5
 - ☒ 3. 20
 - ☒ 4. 7

Question ID : 9489112085

Option 1 ID : 9489118337

Option 2 ID : 9489118339

Option 3 ID : 9489118338

Option 4 ID : 9489118340

Status : Answered

Chosen Option : 4

Q.97 According to the time by Rekha's watch, it is quarter past 9 and the hour-hand is pointing to the west. In which of the given directions will the minute-hand point AFTER 75 minutes?

- Ans**
- ☒ 1. South
 - ☒ 2. West
 - ☒ 3. East
 - ☒ 4. North

Question ID : 9489112098

Option 1 ID : 9489118391

Option 2 ID : 9489118390

Option 3 ID : 9489118392

Option 4 ID : 9489118389

Status : Answered

Chosen Option : 1

Q.98 Select the term from among the given options that can replace the question mark (?) in the following series.

ap, ds, gv, ?

Ans

✓ 1. jy

✗ 2. lr

✗ 3. st

✗ 4. mq

Question ID : 9489112087

Option 1 ID : 9489118348

Option 2 ID : 9489118346

Option 3 ID : 9489118345

Option 4 ID : 9489118347

Status : Answered

Chosen Option : 1

Q.99 Select the number-pair from the given options where the first number is NOT related to the second number as in the given number-pair:

4 : 8

Ans

✗ 1. 2 : 2

✓ 2. 3 : 9

✗ 3. 6 : 18

✗ 4. 8 : 32

Question ID : 9489112094

Option 1 ID : 9489118373

Option 2 ID : 9489118374

Option 3 ID : 9489118375

Option 4 ID : 9489118376

Status : Answered

Chosen Option : 1

Q.100 In a certain code language, S is written as 8, A is written as 26 and E is written as 22. How will STORAGE be written as in that language?

Ans

✓ 1. 87129262022

✗ 2. 88129262022

✗ 3. 87129226022

✗ 4. 87129262122

Question ID : 9489112077

Option 1 ID : 9489118307

Option 2 ID : 9489118305

Option 3 ID : 9489118308

Option 4 ID : 9489118306

Status : Marked For Review

Chosen Option : 2