



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



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Participant Name	www.govtjobsalert.in
Test Center Name	
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

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 'Natamja', 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

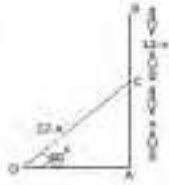
Option 3 ID : 9489119666

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

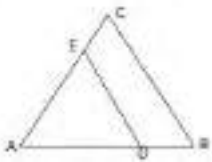
Option 3 ID : 9489119751

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. Diopetre
 - ☒ 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 $f(x) = 3x^2 + 4x + 4$ 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 8th from one extreme and 3rd 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

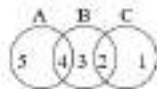
Option 3 ID : 9489119446

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. Balasar 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 Sarvagat 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 X, 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 Swarn' 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

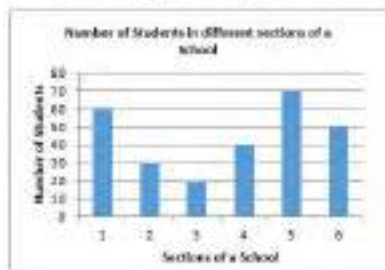
Option 3 ID : 9489119711

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

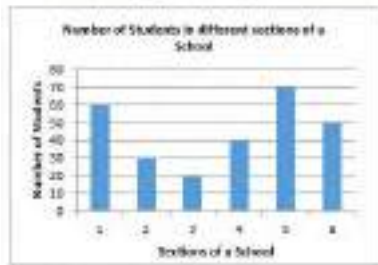
Option 3 ID : 9489118354

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

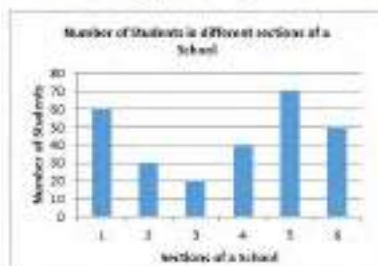
Option 3 ID : 9489118359

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

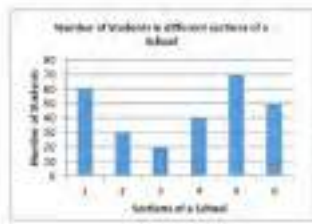
Option 3 ID : 9489118363

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

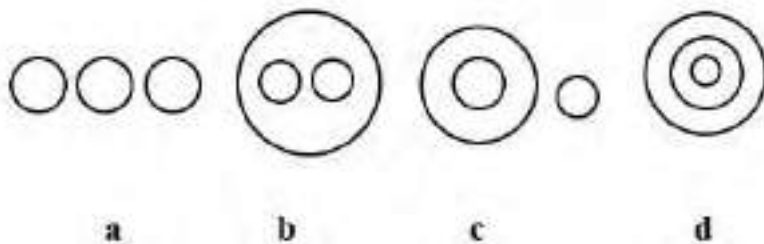
Option 4 ID : 9489118349

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, 34 is written as 13, P is written as 81 and T is written as 7. How will APPARENT be written 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, dz, 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