



सर्वभव 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	Koustav Digital Center
Test Date	21/01/2021
Test Time	10:30 AM - 12:00 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** A alone can complete  $\frac{2}{5}$  of a task in 12 days, while B alone can complete  $\frac{3}{4}$  of the same task in 25 days. In how many days can they complete the task if they work together?

Ans

1.  $\frac{75}{19}$

2.  $\frac{150}{19}$

3.  $\frac{1}{19}$

4.  $\frac{300}{19}$

Question ID : 9489114462

Option 1 ID : 94891117847

Option 2 ID : 94891117846

Option 3 ID : 94891117848

Option 4 ID : 94891117845

Status : Answered

Chosen Option : 4

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**Q.2** In which year were the powers of the East India Company passed to the British crown by the British Parliament?

- Ans ✓ 1. 1858  
✗ 2. 1862  
✗ 3. 1859  
✗ 4. 1857

Question ID : 9489114417

Option 1 ID : 94891117668

Option 2 ID : 94891117665

Option 3 ID : 94891117666

Option 4 ID : 94891117667

Status : Not Answered

Chosen Option : --

**Q.3** There are 40 persons in a palace. If every person shakes hands with every other person, what will be the total number of handshakes?

- Ans ✓ 1. 780  
✗ 2. 750  
✗ 3. 790  
✗ 4. 800

Question ID : 9489114449

Option 1 ID : 94891117795

Option 2 ID : 94891117796

Option 3 ID : 94891117793

Option 4 ID : 94891117794

Status : Answered

Chosen Option : 1

**Q.4** The process of depositing a layer of any desired metal on another material, by means of electricity, is called \_\_\_\_\_.

- Ans ✓ 1. electroplating  
✗ 2. electromagnet  
✗ 3. electro conductor  
✗ 4. electrode

Question ID : 9489114412

Option 1 ID : 94891117645

Option 2 ID : 94891117648

Option 3 ID : 94891117647

Option 4 ID : 94891117646

Status : Answered

Chosen Option : 3

**Q.5** The LCM of two numbers is 721, and the numbers are in the ratio of 1 : 7. What is the sum of the numbers?

- Ans  1. 824  
 2. 721  
 3. 728  
 4. 825

Question ID : 9489114452

Option 1 ID : 94891117807

Option 2 ID : 94891117805

Option 3 ID : 94891117806

Option 4 ID : 94891117808

Status : Answered

Chosen Option : 1

**Q.6** Rabindranath Tagore won the Nobel Prize for Literature for which book?

- Ans  1. Gitabitan  
 2. Gora  
 3. Sanchayita  
 4. Gitanjali

Question ID : 9489114409

Option 1 ID : 94891117633

Option 2 ID : 94891117635

Option 3 ID : 94891117634

Option 4 ID : 94891117636

Status : Answered

Chosen Option : 4

**Q.7** Who among the following has never been a Governor for Reserve Bank of India?

- Ans  1. Bimal Jalan  
 2. K Kasturi Rangan  
 3. Dr. Manmohan Singh  
 4. D. Subba Rao

Question ID : 9489114441

Option 1 ID : 94891117764

Option 2 ID : 94891117762

Option 3 ID : 94891117763

Option 4 ID : 94891117761

Status : Not Answered

Chosen Option : --

**Q.8** The ratio of the volumes of two cubes is 64 : 1331. What is the ratio of their total surface areas?

- Ans  1. 16 : 121  
 2. 121 : 16  
 3. 16 : 4  
 4. 4 : 121

Question ID : 9489114464

Option 1 ID : 94891117854

Option 2 ID : 94891117853

Option 3 ID : 94891117856

Option 4 ID : 94891117855

Status : Answered

Chosen Option : 1

**Q.9** If '+' means 'subtraction', '-' means 'addition', '×' means 'multiplication' and '÷' means 'division', then what is the value of  $15 \div (5 + 8)$ ?

- Ans  1. 15  
 2. 12  
 3. 11  
 4. 28

Question ID : 9489114099

Option 1 ID : 94891116394

Option 2 ID : 94891116395

Option 3 ID : 94891116393

Option 4 ID : 94891116396

Status : Answered

Chosen Option : 2

**Q.10** Name the Viceroy of India who was associated with the controversial Ilbert Bill during the Indian freedom struggle.

- Ans  1. Lord Lansdowne  
 2. Lord Mayo  
 3. Lord Dufferin  
 4. Lord Ripon

Question ID : 9489114418

Option 1 ID : 94891117670

Option 2 ID : 94891117672

Option 3 ID : 94891117671

Option 4 ID : 94891117669

Status : Not Answered

Chosen Option : --

Q.11 A large marble building in Kolkata, built by the British whose design echoes the Taj Mahal is \_\_\_\_\_.

- Ans  1. Victoria Memorial  
 2. Fort William  
 3. Writers Building  
 4. St. Paul's Cathedral

Question ID : 9489114408

Option 1 ID : 94891117629

Option 2 ID : 94891117630

Option 3 ID : 94891117631

Option 4 ID : 94891117632

Status : Answered

Chosen Option : 1

Q.12 Who was the first UN Secretary-General?

- Ans  1. Kofi A Annan  
 2. Trygve Lie  
 3. U Thant  
 4. Dag Hammarskjold

Question ID : 9489114433

Option 1 ID : 94891117729

Option 2 ID : 94891117732

Option 3 ID : 94891117730

Option 4 ID : 94891117731

Status : Answered

Chosen Option : 1

Q.13 The Mysuru Palace in Karnataka was an official residence of which of the following dynasties?

- Ans  1. Chalukya  
 2. Wadiyar  
 3. Pallava  
 4. Chola

Question ID : 9489114421

Option 1 ID : 94891117684

Option 2 ID : 94891117683

Option 3 ID : 94891117682

Option 4 ID : 94891117681

Status : Answered

Chosen Option : 4

Q.14 If ‘+’ means ‘subtraction’, ‘-’ means ‘addition’, ‘-’ means ‘multiplication’ and ‘×’ means ‘division’, then what is the value of  $(8 + 2 - 19) - (4 + 27 \times 3)$ ?

- Ans  1. -150  
 2. 150  
 3. 85  
 4. -85

Question ID : 9489114088

Option 1 ID : 94891116350

Option 2 ID : 94891116349

Option 3 ID : 94891116351

Option 4 ID : 94891116352

Status : Answered

Chosen Option : 2

Q.15 Which one of the following is not an operating system?:

- Ans  1. Java  
 2. Mint  
 3. MS DOS  
 4. Ubuntu

Question ID : 9489114437

Option 1 ID : 94891117745

Option 2 ID : 94891117747

Option 3 ID : 94891117748

Option 4 ID : 94891117746

Status : Answered

Chosen Option : 1

Q.16 Which of the following is NOT an environmental concern?

- Ans  1. Increasing consumption and use of plastics  
 2. Raising ozone layer  
 3. Global warming  
 4. Growing pollution levels

Question ID : 9489114431

Option 1 ID : 94891117724

Option 2 ID : 94891117721

Option 3 ID : 94891117722

Option 4 ID : 94891117723

Status : Answered

Chosen Option : 2

Q.17 If  $\tan A = \frac{3}{4}$ , then the value of  $\frac{\cos A - \sin A}{\cos A + \sin A}$  is:

Ans

1.  $\frac{1}{4}$

2.  $\frac{1}{8}$

3.  $\frac{1}{7}$

4.  $\frac{1}{3}$

Question ID : 9489114469

Option 1 ID : 94891117874

Option 2 ID : 94891117876

Option 3 ID : 94891117875

Option 4 ID : 94891117873

Status : Answered

Chosen Option : 3

Q.18 Where is the NSE (National Stock Exchange of India) headquartered?

Ans

1. Mumbai

2. New Delhi

3. Pune

4. Chennai

Question ID : 9489114442

Option 1 ID : 94891117768

Option 2 ID : 94891117765

Option 3 ID : 94891117766

Option 4 ID : 94891117767

Status : Answered

Chosen Option : 2

Q.19 The book which keeps a record of all the endangered animals and plants is \_\_\_\_\_.

Ans

1. Eco Survey Book

2. Animal Survey Book

3. Wild Life Analysis Book

4. Red Data Book

Question ID : 9489114413

Option 1 ID : 94891117651

Option 2 ID : 94891117650

Option 3 ID : 94891117649

Option 4 ID : 94891117652

Status : Answered

Chosen Option : 4

**Q.20** In which year was the International Bank for Reconstruction and Development (IBRD), better known as the World Bank, established to help Europe recover from the devastation of World War II?

- Ans  1. 1945  
 2. 1947  
 3. 1944  
 4. 1946

Question ID : 9489114434

Option 1 ID : 94891117736

Option 2 ID : 94891117733

Option 3 ID : 94891117735

Option 4 ID : 94891117734

Status : Answered

Chosen Option : 3

**Q.21** The value of  $\frac{32 \div 4 - 5 \times 8 \div 3}{5 \times 3 - \{6 + 3\}}$  is:

- Ans  1.  $-\frac{8}{9}$   
 2.  $\frac{1}{9}$   
 3.  $\frac{8}{9}$   
 4.  $\frac{4}{9}$

Question ID : 9489114445

Option 1 ID : 94891117780

Option 2 ID : 94891117778

Option 3 ID : 94891117777

Option 4 ID : 94891117779

Status : Answered

Chosen Option : 3

**Q.22** Select the option that is related to the third number in the same way as the second number is related to the first number.

$2 : 32 :: 4 : ?$

- Ans  1. 728  
 2. 1024  
 3. 1536  
 4. 128

Question ID : 9489114074

Option 1 ID : 94891116295

Option 2 ID : 94891116293

Option 3 ID : 94891116294

Option 4 ID : 94891116296

Status : Answered

Chosen Option : 2

Q.23 If  $0.75 : x :: 25 : 8$ , then what is the value of  $x$ ?

- Ans  1. 24  
 2. 2.34375  
 3.  $\frac{25}{6}$   
 4.  $\frac{6}{25}$

Question ID : 9489114454

Option 1 ID : 94891117815

Option 2 ID : 94891117816

Option 3 ID : 94891117813

Option 4 ID : 94891117814

Status : Answered

Chosen Option : 4

Q.24 What is the value of  $x$ , if  $-3 \times \sqrt{196} + \sqrt{x} = 8 \times 3 - 2$ ?

- Ans  1. 4096  
 2. 128  
 3. 135  
 4. 1064

Question ID : 9489114444

Option 1 ID : 94891117774

Option 2 ID : 94891117773

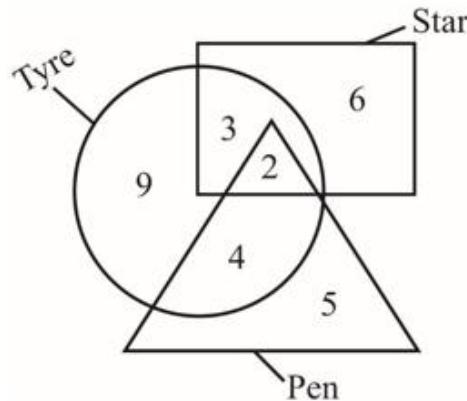
Option 3 ID : 94891117775

Option 4 ID : 94891117776

Status : Answered

Chosen Option : 1

Q.25 How many stars are both Tyres and Pen?



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

Question ID : 9489114098  
Option 1 ID : 94891116390  
Option 2 ID : 94891116389  
Option 3 ID : 94891116391  
Option 4 ID : 94891116392  
Status : Answered  
Chosen Option : 1

Q.26 When is National Pollution Prevention Day observed in India?

- Ans
- 1. March 2<sup>nd</sup>
  - 2. January 2<sup>nd</sup>
  - 3. April 2<sup>nd</sup>
  - 4. December 2<sup>nd</sup>

Question ID : 9489114405  
Option 1 ID : 94891117618  
Option 2 ID : 94891117617  
Option 3 ID : 94891117619  
Option 4 ID : 94891117620  
Status : Not Answered  
Chosen Option : --

Q.27 Which country will be hosting the ICC Men's Cricket World cup in 2023?

- Ans  1. England  
 2. Australia  
 3. India  
 4. South Africa

Question ID : 9489114407  
Option 1 ID : 94891117626  
Option 2 ID : 94891117625  
Option 3 ID : 94891117627  
Option 4 ID : 94891117628  
Status : Answered  
Chosen Option : 3

Q.28 Select the industry in which goods are produced in the home of the producer.

- Ans  1. Large-scale industry  
 2. Cottage industry  
 3. Secondary industry  
 4. Quaternary industry

Question ID : 9489114424  
Option 1 ID : 94891117695  
Option 2 ID : 94891117694  
Option 3 ID : 94891117693  
Option 4 ID : 94891117696  
Status : Not Answered  
Chosen Option : --

Q.29 In the word VIBGYOR, which of the following two consecutive letters have the least difference between them in terms of letters of the English alphabet?

- Ans  1. I and B  
 2. O and R  
 3. B and G  
 4. Y and O

Question ID : 9489114100  
Option 1 ID : 94891116400  
Option 2 ID : 94891116399  
Option 3 ID : 94891116397  
Option 4 ID : 94891116398  
Status : Answered  
Chosen Option : 2

Q.30 The Big Inch pipeline transports which among the following?

- Ans  1. Water  
 2. Sugar syrup  
 3. Edible oil  
 4. Petroleum

Question ID : 9489114426

Option 1 ID : 94891117701

Option 2 ID : 94891117703

Option 3 ID : 94891117704

Option 4 ID : 94891117702

Status : Not Answered

Chosen Option : --

Q.31 Which among the following Indian states does NOT share its boundaries with Nepal?

- Ans  1. Uttar Pradesh  
 2. Bihar  
 3. Jharkhand  
 4. West Bengal

Question ID : 9489114422

Option 1 ID : 94891117688

Option 2 ID : 94891117685

Option 3 ID : 94891117686

Option 4 ID : 94891117687

Status : Answered

Chosen Option : 3

Q.32 Select the term from among the given options that can replace the question mark (?) in the following series.

A11, D8, G5, ?

- Ans  1. J2  
 2. J11  
 3. G2  
 4. K2

Question ID : 9489114086

Option 1 ID : 94891116342

Option 2 ID : 94891116341

Option 3 ID : 94891116343

Option 4 ID : 94891116344

Status : Answered

Chosen Option : 1

Q.33 What is the area of a rhombus, whose sides are 25 cm and one of the diagonals is 14 cm?

- Ans  1.  $330 \text{ cm}^2$   
 2.  $310 \text{ cm}^2$   
 3.  $336 \text{ cm}^2$   
 4.  $300 \text{ cm}^2$

Question ID : 9489114465

Option 1 ID : 94891117860

Option 2 ID : 94891117858

Option 3 ID : 94891117859

Option 4 ID : 94891117857

Status : Answered

Chosen Option : 3

Q.34 Which one among the following languages is one of the six official languages of the United Nations?

- Ans  1. Chinese  
 2. Urdu  
 3. Hindi  
 4. Japanese

Question ID : 9489114435

Option 1 ID : 94891117738

Option 2 ID : 94891117739

Option 3 ID : 94891117737

Option 4 ID : 94891117740

Status : Answered

Chosen Option : 1

Q.35

What is the value of  $\sqrt{\frac{1.21 \times 0.9}{1.1 \times 0.11}}$  ?

- Ans  1. 12  
 2. 3  
 3. 6  
 4. 9

Question ID : 9489114453

Option 1 ID : 94891117812

Option 2 ID : 94891117809

Option 3 ID : 94891117810

Option 4 ID : 94891117811

Status : Answered

Chosen Option : 4

**Q.36** Which of the following is NOT a part of the human eye?

- Ans  1. Ciliary muscles  
 2. Cornea  
 3. Cochlea  
 4. Iris

Question ID : 9489114415

Option 1 ID : 94891117659

Option 2 ID : 94891117660

Option 3 ID : 94891117657

Option 4 ID : 94891117658

Status : Answered

Chosen Option : 1

**Q.37** Which of the following is an example of non-volatile memory?:

- Ans  1. LSI  
 2. RAM  
 3. ROM  
 4. VLSI

Question ID : 9489114438

Option 1 ID : 94891117750

Option 2 ID : 94891117751

Option 3 ID : 94891117752

Option 4 ID : 94891117749

Status : Answered

Chosen Option : 2

**Q.38** In human beings, excretory products in the form of soluble nitrogen compounds are removed by the \_\_\_\_\_ in the kidneys.

- Ans  1. nucleus  
 2. nutrition  
 3. mitochondria  
 4. nephrons

Question ID : 9489114416

Option 1 ID : 94891117662

Option 2 ID : 94891117661

Option 3 ID : 94891117664

Option 4 ID : 94891117663

Status : Not Answered

Chosen Option : --

**Q.39** Pointing to a boy, Sohan said, "He is the son of Raj, who is my younger sister's father." How is Raj related to Sohan?

- Ans  1. Maternal uncle  
 2. Son  
 3. Brother  
 4. Father

Question ID : 9489114076

Option 1 ID : 94891116304

Option 2 ID : 94891116303

Option 3 ID : 94891116301

Option 4 ID : 94891116302

Status : Answered

Chosen Option : 4

**Q.40** If A, B and C can complete a task alone in 15 days, 20 days and 25 days, respectively, then in how many days can they complete the same task if they work together?

- Ans  1.  $\frac{300}{47}$   
 2.  $\frac{150}{47}$   
 3.  $\frac{225}{47}$   
 4.  $\frac{75}{47}$

Question ID : 9489114461

Option 1 ID : 94891117844

Option 2 ID : 94891117843

Option 3 ID : 94891117841

Option 4 ID : 94891117842

Status : Answered

Chosen Option : 1

**Q.41** If  $a : b = 7 : 9$  and  $b : c = 1 : 12$ , then  $a : b : c$  is:

- Ans  1. 7 : 9 : 108  
 2. 7 : 9 : 8  
 3. 7 : 8 : 9  
 4. 7 : 9 : 12

Question ID : 9489114456

Option 1 ID : 94891117823

Option 2 ID : 94891117821

Option 3 ID : 94891117822

Option 4 ID : 94891117824

Status : Answered

Chosen Option : 1

**Q.42** Who predicted 'nuclear technology is going to be very essential and not just in the power sector but for other societal uses intended for betterment of life'?

- Ans  1. Homi J Bhabha  
 2. JC Bose  
 3. APJ Abdul Kalam  
 4. Sir CV Raman

Question ID : 9489114432  
Option 1 ID : 94891117727  
Option 2 ID : 94891117728  
Option 3 ID : 94891117725  
Option 4 ID : 94891117726  
Status : Not Answered  
Chosen Option : --

**Q.43** Which among the following is the largest gland in the human body?

- Ans  1. Liver  
 2. Mammary gland  
 3. Sweat glands  
 4. Esophageal glands

Question ID : 9489114414  
Option 1 ID : 94891117654  
Option 2 ID : 94891117655  
Option 3 ID : 94891117653  
Option 4 ID : 94891117656  
Status : Answered  
Chosen Option : 1

**Q.44** Which ruler wanted to build the Alai Minar near the Qutub Minar, but could not complete it?

- Ans  1. Ala-ud-Din Khilji  
 2. Nasir-ud-Din Mahmud  
 3. Iltutmish  
 4. Razia Sultana

Question ID : 9489114410  
Option 1 ID : 94891117638  
Option 2 ID : 94891117640  
Option 3 ID : 94891117637  
Option 4 ID : 94891117639  
Status : Not Answered  
Chosen Option : --

Q.45 If  $\frac{A}{4} = \frac{B}{5} = \frac{C}{6}$ , then A : B : C is:

- Ans ✓ 1. 4 : 5 : 6  
✗ 2. 5 : 6 : 4  
✗ 3. 4 : 6 : 5  
✗ 4. 4 : 8 : 9

Question ID : 9489114455

Option 1 ID : 94891117819

Option 2 ID : 94891117817

Option 3 ID : 94891117818

Option 4 ID : 94891117820

Status : Answered

Chosen Option : 1

Q.46 Grey revolution in India is related to which of the following?

- Ans ✗ 1. Coal production  
✓ 2. Fertilizer production  
✗ 3. Crude oil production  
✗ 4. Mustard production

Question ID : 9489114443

Option 1 ID : 94891117770

Option 2 ID : 94891117769

Option 3 ID : 94891117771

Option 4 ID : 94891117772

Status : Answered

Chosen Option : 2

Q.47 How many years will it take for an amount of ₹400 to yield ₹450 as interest at 5% per annum on simple interest?

- Ans ✗ 1. 23  
✗ 2. 22  
✓ 3. 22.5  
✗ 4. 21.5

Question ID : 9489114458

Option 1 ID : 94891117832

Option 2 ID : 94891117830

Option 3 ID : 94891117831

Option 4 ID : 94891117829

Status : Answered

Chosen Option : 3

**Q.48** Which of the following banks became State Bank of India after nationalisation in the year 1955 and has the largest number of branches in the world?

- Ans  1. Bank of India  
 2. Indus Bank of India  
 3. Imperial Bank of India  
 4. National Bank of India

Question ID : 9489114440

Option 1 ID : 94891117760

Option 2 ID : 94891117758

Option 3 ID : 94891117757

Option 4 ID : 94891117759

Status : Answered

Chosen Option : 3

**Q.49** A computer program that converts an entire program into machine language is called a(n):

- Ans  1. Interpreter  
 2. Simulator  
 3. Compiler  
 4. Converter

Question ID : 9489114436

Option 1 ID : 94891117741

Option 2 ID : 94891117742

Option 3 ID : 94891117744

Option 4 ID : 94891117743

Status : Answered

Chosen Option : 3

**Q.50** Which of the following satellites launched by the Indian Space Research Organisation (ISRO) is a navigation satellite?

- Ans  1. IRNSS-II  
 2. RESOURCESAT-2A  
 3. SCATSAT-1  
 4. SARAL

Question ID : 9489114430

Option 1 ID : 94891117719

Option 2 ID : 94891117717

Option 3 ID : 94891117718

Option 4 ID : 94891117720

Status : Answered

Chosen Option : 2

Q.51 Hindi was declared as the official language of Union under Article \_\_\_\_\_ of Indian Constitution.

- Ans  1. 333  
 2. 345  
 3. 334  
 4. 343

Question ID : 9489114428

Option 1 ID : 94891117712

Option 2 ID : 94891117711

Option 3 ID : 94891117710

Option 4 ID : 94891117709

Status : Answered

Chosen Option : 2

Q.52 What is the value of  $\sin(48^\circ + \theta) - \cos(42^\circ - \theta)$ ?

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

Question ID : 9489114470

Option 1 ID : 94891117879

Option 2 ID : 94891117878

Option 3 ID : 94891117880

Option 4 ID : 94891117877

Status : Answered

Chosen Option : 4

Q.53 Vikas took a loan of ₹1,200 on simple interest that is equal to as many years as the rate of interest. If he paid ₹768 as interest at the end of the loan period, then what was the rate of interest?

- Ans  1. 8.5%  
 2. 7.8%  
 3. 7.5%  
 4. 8.0%

Question ID : 9489114459

Option 1 ID : 94891117835

Option 2 ID : 94891117834

Option 3 ID : 94891117833

Option 4 ID : 94891117836

Status : Answered

Chosen Option : 4

**Q.54** Among the four terms listed, three are alike in some manner and one is different. Select the term that is different from the rest.

- Ans  1. A4  
 2. R22  
 3. K14  
 4. P19

Question ID : 9489114094

Option 1 ID : 94891116373

Option 2 ID : 94891116375

Option 3 ID : 94891116374

Option 4 ID : 94891116376

Status : Answered

Chosen Option : 2

**Q.55** A sector of a circle has a radius of 18 cm and a central angle of  $125^\circ$ . What will be its approximate perimeter?

(Use  $\pi = \frac{22}{7}$ )

- Ans  1. 74 cm  
 2. 73.85 cm  
 3. 73 cm  
 4. 75.3 cm

Question ID : 9489114466

Option 1 ID : 94891117862

Option 2 ID : 94891117864

Option 3 ID : 94891117861

Option 4 ID : 94891117863

Status : Answered

Chosen Option : 4

**Q.56** A sum of money amounts to ₹12,000 after 6 years and ₹15,000 after 9 years at the same rate of simple interest. What is the rate of interest per annum?

- Ans  1.  $16\frac{1}{3}\%$   
 2. 16%  
 3.  $16\frac{2}{3}\%$   
 4.  $18\frac{2}{3}\%$

Question ID : 9489114460

Option 1 ID : 94891117839

Option 2 ID : 94891117837

Option 3 ID : 94891117838

Option 4 ID : 94891117840

Status : Answered

Chosen Option : 3

Q.57 Which of the following is a prime number?

- Ans  1. 157  
 2. 121  
 3. 1331  
 4. 81

Question ID : 9489114451  
Option 1 ID : 94891117802  
Option 2 ID : 94891117801  
Option 3 ID : 94891117804  
Option 4 ID : 94891117803

Status : Answered

Chosen Option : 1

Q.58 Let a set S = {1, 2, 2, 3, 3, 3, 4, 4, 4, 4}. Then the value of  $4 \times \text{mean} + 2 \times \text{mode} - 8 \times \text{median}$  is:

- Ans  1. 10  
 2. 4  
 3. -4  
 4. 14

Question ID : 9489114471  
Option 1 ID : 94891117881  
Option 2 ID : 94891117883  
Option 3 ID : 94891117882  
Option 4 ID : 94891117884

Status : Not Answered

Chosen Option : --

Q.59 Select the number from among the given options that can replace the question mark (?) in the following series.

40, 36, 33, 31, ?

- Ans  1. 31  
 2. 30  
 3. 29  
 4. 32

Question ID : 9489114084  
Option 1 ID : 94891116334  
Option 2 ID : 94891116335  
Option 3 ID : 94891116333  
Option 4 ID : 94891116336

Status : Answered

Chosen Option : 2

**Q.60** Among the four numbers listed, three are alike in some manner and one is different. Select the number that is different from the rest.

- Ans  1. 343  
 2. 225  
 3. 216  
 4. 512

Question ID : 9489114093

Option 1 ID : 94891116371

Option 2 ID : 94891116372

Option 3 ID : 94891116369

Option 4 ID : 94891116370

Status : Answered

Chosen Option : 2

**Q.61** What will be the amount of simple interest on ₹75,000 at the rate of  $2\frac{5}{3}\%$  per annum for a period of 5 years?

- Ans  1. ₹13,005  
 2. ₹13,000  
 3. ₹13,750  
 4. ₹13,050

Question ID : 9489114457

Option 1 ID : 94891117828

Option 2 ID : 94891117826

Option 3 ID : 94891117825

Option 4 ID : 94891117827

Status : Answered

Chosen Option : 3

**Q.62** Height of seven girls A, B, C, D, E, F and G are compared. Height of D is more than atleast four girls but she is not the tallest. Height of A is more than B and F and height of F is less than E. Height of A is less than D. Height of G is more than C and D both.

Which of the following statement is NOT correct?

- Ans  1. G can be second tallest  
 2. A can be fifth tallest  
 3. C can be fourth tallest  
 4. G can be fifth tallest

Question ID : 9489114102

Option 1 ID : 94891116405

Option 2 ID : 94891116406

Option 3 ID : 94891116407

Option 4 ID : 94891116408

Status : Answered

Chosen Option : 1

Q.63 The ‘Third Mysore War’ was fought between the years:

- Ans  1. 1794-96  
 2. 1792-94  
 3. 1790-92  
 4. 1796-98

Question ID : 9489114419  
Option 1 ID : 94891117674  
Option 2 ID : 94891117673  
Option 3 ID : 94891117676  
Option 4 ID : 94891117675

Status : Not Answered

Chosen Option : --

Q.64 The first five year plan’s main emphasis was to improve the condition of agriculture in India. It began in the year \_\_\_\_\_.

- Ans  1. 1951  
 2. 1931  
 3. 1950  
 4. 1961

Question ID : 9489114429  
Option 1 ID : 94891117713  
Option 2 ID : 94891117714  
Option 3 ID : 94891117716  
Option 4 ID : 94891117715

Status : Answered

Chosen Option : 1

Q.65 What is the sum of the following two series?

$$(8 + 27 + 64 + \dots + 1000) + (2 + 4 + 6 + \dots + 20) = ?$$

- Ans  1. 3133  
 2. 3134  
 3. 3135  
 4. 3136

Question ID : 9489114450  
Option 1 ID : 94891117800  
Option 2 ID : 94891117797  
Option 3 ID : 94891117798  
Option 4 ID : 94891117799

Status : Not Answered

Chosen Option : --

Q.66 India's first biofuel-powered flight landed at IGI Airport in New Delhi from \_\_\_\_\_ in 2018.

- Ans  1. Dehradun  
 2. Hyderabad  
 3. Patna  
 4. Mumbai

Question ID : 9489114404

Option 1 ID : 94891117615

Option 2 ID : 94891117614

Option 3 ID : 94891117616

Option 4 ID : 94891117613

Status : Not Answered

Chosen Option : --

Q.67 The value of  $\frac{\{(13)^3 - 4^3\}}{13 - 8 \div 2} \div 8 - \{2 + 6 \times 9\}$  is:

- Ans  1.  $-\frac{211}{8}$   
 2.  $\frac{685}{8}$   
 3.  $-\frac{217}{8}$   
 4.  $-\frac{685}{8}$

Question ID : 9489114446

Option 1 ID : 94891117781

Option 2 ID : 94891117783

Option 3 ID : 94891117782

Option 4 ID : 94891117784

Status : Answered

Chosen Option : 1

Q.68 How many languages are enlisted in the eighth schedule of the Indian Constitution?

- Ans  1. 23  
 2. 22  
 3. 21  
 4. 25

Question ID : 9489114427

Option 1 ID : 94891117706

Option 2 ID : 94891117707

Option 3 ID : 94891117705

Option 4 ID : 94891117708

Status : Answered

Chosen Option : 1

**Q.69** Read the given paragraph carefully and answer the question.

Ram walks 5 km straight from his home. After taking a right turn he walks for another 8 km. He then takes a left turn and reaches shop A after 2 km. From there he takes a right turn and walks 2 km. He covers another 7 km to the right to reach shop B.

What is the distance covered by Ram to reach shop A from his home?

**Ans**  1. 13 km

2. 7 km

3. 22 km

4. 15 km

Question ID : 9489114096

Option 1 ID : 94891116381

Option 2 ID : 94891116383

Option 3 ID : 94891116384

Option 4 ID : 94891116382

Status : Answered

Chosen Option : 4

**Q.70** What is the LCM of  $\sqrt[2]{169}$ ,  $\sqrt[3]{27}$ ,  $\sqrt[3]{64}$  and  $\sqrt[2]{144}$  ?

**Ans**  1. 468

2. 156

3. 312

4. 182

Question ID : 9489114447

Option 1 ID : 94891117787

Option 2 ID : 94891117786

Option 3 ID : 94891117788

Option 4 ID : 94891117785

Status : Answered

Chosen Option : 2

**Q.71** Which one of the following is the second highest peak in Himalayas?

**Ans**  1. Mount Everest

2. K2

3. Dhaulagiri

4. Makalu

Question ID : 9489114423

Option 1 ID : 94891117690

Option 2 ID : 94891117689

Option 3 ID : 94891117692

Option 4 ID : 94891117691

Status : Answered

Chosen Option : 2

Q.72 What is the number of all positive solutions of the equation  $|x \times 1| = 0$ ?

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

Question ID : 9489114467

Option 1 ID : 94891117868

Option 2 ID : 94891117866

Option 3 ID : 94891117865

Option 4 ID : 94891117867

Status : Answered

Chosen Option : 3

Q.73 Which one of the following provision was a part of the Indian Independence Act of 1947?

- Ans  1. All princely states will remain dependent on British  
 2. India will become a monarchy  
 3. India will be divided into two parts  
 4. India will become a part of Britain

Question ID : 9489114420

Option 1 ID : 94891117678

Option 2 ID : 94891117680

Option 3 ID : 94891117679

Option 4 ID : 94891117677

Status : Answered

Chosen Option : 3

Q.74 What is the value of the following expression?

$$(\tan 2^\circ \tan 88^\circ) (\tan 3^\circ \tan 87^\circ) \dots (\tan 43^\circ \tan 47^\circ) \tan 45^\circ$$

- Ans  1. 0  
 2.  $\infty$   
 3. 1  
 4. -1

Question ID : 9489114473

Option 1 ID : 94891117889

Option 2 ID : 94891117892

Option 3 ID : 94891117890

Option 4 ID : 94891117891

Status : Answered

Chosen Option : 3

**Q.75** Select the number from among the given options that can replace the question mark (?) in the following series.

256, 625, 1296, 2401, ?

- Ans  1. 4142  
 2. 4096  
 3. 4128  
 4. 4102

Question ID : 9489114095

Option 1 ID : 94891116380

Option 2 ID : 94891116377

Option 3 ID : 94891116379

Option 4 ID : 94891116378

Status : Answered

Chosen Option : 2

**Q.76** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements:

1. Some kiwis are green.
2. Some apples are kiwis.

Conclusions:

1. Some kiwis are yellow.
2. An apple is green.

- Ans  1. Neither conclusion 1 nor 2 follows.  
 2. Only conclusion 1 follows.  
 3. Either conclusion 1 or 2 follows.  
 4. Only conclusion 2 follows.

Question ID : 9489114080

Option 1 ID : 94891116320

Option 2 ID : 94891116317

Option 3 ID : 94891116319

Option 4 ID : 94891116318

Status : Answered

Chosen Option : 1

**Q.77** In which one of the following types of economy are the factors of production owned individually?

- Ans  1. Socialist  
 2. Communist  
 3. Mixed  
 4. Capitalist

Question ID : 9489114425

Option 1 ID : 94891117698

Option 2 ID : 94891117699

Option 3 ID : 94891117697

Option 4 ID : 94891117700

Status : Answered

Chosen Option : 4

**Q.78** Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

Company ABC has the highest number of customers as compared to its competitors.

Conclusions:

1. Company ABC has 58% of the total customers.
2. Company ABC's products are the cheapest in the market.

- Ans  1. Neither conclusion 1 nor 2 follows.  
 2. Both conclusions 1 and 2 follow.  
 3. Only conclusion 1 follows.  
 4. Only conclusion 2 follows.

Question ID : 9489114081

Option 1 ID : 94891116324

Option 2 ID : 94891116322

Option 3 ID : 94891116321

Option 4 ID : 94891116323

Status : Answered

Chosen Option : 3

**Q.79** Which Indian state was the first to establish the institution of Panchayat raj?

- Ans  1. Rajasthan  
 2. Punjab  
 3. Uttar Pradesh  
 4. Andhra Pradesh

Question ID : 9489114439

Option 1 ID : 94891117755

Option 2 ID : 94891117756

Option 3 ID : 94891117754

Option 4 ID : 94891117753

Status : Answered

Chosen Option : 3

Q.80 Which among the following nations won the 2019 Copa America Soccer Tournament?

- Ans  1. Colombia  
 2. Brazil  
 3. Ecuador  
 4. Argentina

Question ID : 9489114406  
Option 1 ID : 94891117622  
Option 2 ID : 94891117624  
Option 3 ID : 94891117623  
Option 4 ID : 94891117621  
Status : Not Answered  
Chosen Option : --

Q.81 In a triangle, if angle A =  $30^\circ$  and angle B =  $45^\circ$ , then what is the angle of C?

- Ans  1.  $105^\circ$   
 2.  $150^\circ$   
 3.  $180^\circ$   
 4.  $75^\circ$

Question ID : 9489114468  
Option 1 ID : 94891117871  
Option 2 ID : 94891117869  
Option 3 ID : 94891117870  
Option 4 ID : 94891117872  
Status : Answered  
Chosen Option : 1

Q.82 The process of seeping of water into the ground is known as \_\_\_\_\_.

- Ans  1. bawris  
 2. infiltration  
 3. well  
 4. aquifer

Question ID : 9489114411  
Option 1 ID : 94891117644  
Option 2 ID : 94891117643  
Option 3 ID : 94891117641  
Option 4 ID : 94891117642  
Status : Not Answered  
Chosen Option : --

**Q.83** If a train runs at an average speed of 42 km/h, then it covers a certain distance in 45 min. What is the speed at which the train must run to reduce the time of the same journey to 35 min?

- Ans  1. 49 km/h  
 2. 54 km/h  
 3. 52 km/h  
 4. 52.5 km/h

Question ID : 9489114463

Option 1 ID : 94891117849

Option 2 ID : 94891117852

Option 3 ID : 94891117850

Option 4 ID : 94891117851

Status : Answered

Chosen Option : 2

**Q.84** The angle of elevation of a ladder leaning against a wall is  $45^\circ$ . The foot of the ladder is  $4\sqrt{2}$  metres away from wall.

The length of the ladder is:

- Ans  1. 7 m  
 2. 5 m  
 3. 6 m  
 4. 8 m

Question ID : 9489114472

Option 1 ID : 94891117887

Option 2 ID : 94891117885

Option 3 ID : 94891117886

Option 4 ID : 94891117888

Status : Answered

Chosen Option : 4

**Q.85** What is the value of the following expression?

$$\frac{81}{7} \times \frac{21}{3} - 4 \frac{2}{3} \div \frac{7}{9} \times \frac{121}{6}$$

- Ans  1. -45  
 2. -40  
 3. 40  
 4. 45

Question ID : 9489114448

Option 1 ID : 94891117789

Option 2 ID : 94891117792

Option 3 ID : 94891117790

Option 4 ID : 94891117791

Status : Answered

Chosen Option : 2

**Q.86** Observe the given table and answer the question.

India's Natural Gas Production: A Turnaround

Financial Year	Total Gas Production	Change (%)	Offshore Production	Onshore Production
2011-12	47.55	(8.92)	38.47	9
2012-13	40.67	(14.46)	31.80	8.87
2013-14	35.40	(13)	26.39	9.01
2014-15	33.65	(5)	24.86	8.79
2015-16	32.24	(4.19)	23.01	9.23
2016-17	31.89	(1.08)	22.03	9.85
2017-18	32.64	2.35	22.01	10.63

All Figures in Billion Cubic Meter (BCM)

Source: Ministry of Petroleum and Natural Gas (MoPNG)

In which year did the production fall the most as compared to the previous year, in offshore production?

- Ans  1. 2012-13  
 2. 2013-14  
 3. 2014-15  
 4. 2015-16

Question ID : 9489114089

Option 1 ID : 94891116354

Option 2 ID : 94891116353

Option 3 ID : 94891116355

Option 4 ID : 94891116356

Status : Answered

Chosen Option : 1

**Q.87** Observe the given table and answer the question.

India's Natural Gas Production: A Turnaround

Financial Year	Total Gas Production	Change (%)	Offshore Production	Onshore Production
2011-12	47.55	(8.92)	38.47	9
2012-13	40.67	(14.46)	31.80	8.87
2013-14	35.40	(13)	26.39	9.01
2014-15	33.65	(5)	24.86	8.79
2015-16	32.24	(4.19)	23.01	9.23
2016-17	31.89	(1.08)	22.03	9.85
2017-18	32.64	2.35	22.01	10.63

All Figures in Billion Cubic Meter (BCM)

Source: Ministry of Petroleum and Natural Gas (MoPNG)

What is the approximate percentage decline in offshore production in the year 2013-14?

- Ans  1. 19%  
 2. 20%  
 3. 15%  
 4. 17%

Question ID : 9489114090

Option 1 ID : 94891116359

Option 2 ID : 94891116360

Option 3 ID : 94891116357

Option 4 ID : 94891116358

Status : Answered

Chosen Option : 4

Q.88 Observe the given table and answer the question.

India's Natural Gas Production: A Turnaround

Financial Year	Total Gas Production	Change (%)	Offshore Production	Onshore Production
2011-12	47.55	(8.92)	38.47	9
2012-13	40.67	(14.46)	31.80	8.87
2013-14	35.40	(13)	26.39	9.01
2014-15	33.65	(5)	24.86	8.79
2015-16	32.24	(4.19)	23.01	9.23
2016-17	31.89	(1.08)	22.03	9.85
2017-18	32.64	2.35	22.01	10.63

All Figures in Billion Cubic Meter (BCM)

Source: Ministry of Petroleum and Natural Gas (MoPNG)

What is the total onshore production during all the years (in BCM)?

- Ans  1. 67.38  
 2. 68.38  
 3. 65.38  
 4. 64.38

Question ID : 9489114091  
Option 1 ID : 94891116363  
Option 2 ID : 94891116364  
Option 3 ID : 94891116361  
Option 4 ID : 94891116362  
Status : Answered  
Chosen Option : 4



**Q.89** Observe the given table and answer the question.

**India's Natural Gas Production: A Turnaround**

Financial Year	Total Gas Production	Change (%)	Offshore Production	Onshore Production
2011-12	47.55	(8.92)	38.47	9
2012-13	40.67	(14.46)	31.80	8.87
2013-14	35.40	(13)	26.39	9.01
2014-15	33.65	(5)	24.86	8.79
2015-16	32.24	(4.19)	23.01	9.23
2016-17	31.89	(1.08)	22.03	9.85
2017-18	32.64	2.35	22.01	10.63

All Figures in Billion Cubic Meter (BCM)

Source: Ministry of Petroleum and Natural Gas (MoPNG)

Which of the following years showed the highest growth rate in onshore production?

- Ans  1. 2015-16  
 2. 2013-14  
 3. 2012-13  
 4. 2016-17

Question ID : 9489114092  
 Option 1 ID : 94891116367  
 Option 2 ID : 94891116365  
 Option 3 ID : 94891116368  
 Option 4 ID : 94891116366  
 Status : Answered  
 Chosen Option : 4

**Q.90** In a certain code language 'Ram is boy' is written as 'qaz wsx edc', 'boy has car' is written as 'plm qaz ijb' and 'car is blue' is written as 'edc ijb ftb'. How will 'Ram' be written as in that language?

- Ans  1. ftb  
 2. wsx  
 3. edc  
 4. qaz

Question ID : 9489114079  
 Option 1 ID : 94891116316  
 Option 2 ID : 94891116313  
 Option 3 ID : 94891116315  
 Option 4 ID : 94891116314  
 Status : Answered  
 Chosen Option : 2

**Q.91** Select the number from among the given options that can replace the question mark (?) in the following series.

4, 6, 8, 18, 16, ?

- Ans  1. 32  
 2. 54  
 3. 36  
 4. 20

Question ID : 9489114085  
 Option 1 ID : 94891116339  
 Option 2 ID : 94891116338  
 Option 3 ID : 94891116340  
 Option 4 ID : 94891116337

Status : Answered  
 Chosen Option : 2

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

A, A, B, D, ?

- Ans  1. H  
 2. E  
 3. G  
 4. J

Question ID : 9489114083  
 Option 1 ID : 94891116332  
 Option 2 ID : 94891116329  
 Option 3 ID : 94891116330  
 Option 4 ID : 94891116331

Status : Answered  
 Chosen Option : 3

**Q.93** Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Examinations must be conducted without any favours to evaluate the true performance of the students.

Assumptions:

1. No unfair means or help shall be provided to the students.
2. Teachers should help their favourite students perform better.

- Ans  1. Only assumption 1 is implicit.  
 2. Only assumption 2 is implicit.  
 3. Both assumptions 1 and 2 are implicit.  
 4. Either assumption 1 or 2 is implicit.

Question ID : 9489114082  
 Option 1 ID : 94891116326  
 Option 2 ID : 94891116328  
 Option 3 ID : 94891116325  
 Option 4 ID : 94891116327

Status : Answered  
 Chosen Option : 1

**Q.94** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.

Statements:

1. All red are white.
2. All white are black.

Conclusions:

1. Some white are red.
2. Some black are red.
3. Some red are not black.
4. All black are white.

**Ans**  1. Only conclusions 1 and 4 follow.

 2. Only conclusions 1 and 3 follow.

 3. Only conclusions 1 and 2 follow.

 4. Only conclusions 2 and 4 follow.

Question ID : 94891114075

Option 1 ID : 94891116299

Option 2 ID : 94891116298

Option 3 ID : 94891116297

Option 4 ID : 94891116300

Status : Answered

Chosen Option : 3

**Q.95** In a certain code language, SELFISH is written as TDMEJRI. How will MONITOR be written as in that language?

**Ans**  1. NNOHUNS  
 2. NNOHUNQ  
 3. NOOHUNS  
 4. NNOHHNS

Question ID : 94891114077

Option 1 ID : 94891116308

Option 2 ID : 94891116307

Option 3 ID : 94891116306

Option 4 ID : 94891116305

Status : Answered

Chosen Option : 1

**Q.96** A team is to be selected from 9 players A, B, C, D, E, F, G, H and M. There will be six players in the team. A cannot be selected with B. G cannot be selected with H. H and A should be in the same team. E cannot be selected with F. C cannot be selected with H but always must be selected with D.

Which of the following is a correct selection of the team?

- Ans  1. A, D, G, E, C and H  
 2. B, C, D, E, H and M  
 3. A, C, D, E, G and M  
 4. B, C, D, E, G and M

Question ID : 9489114103

Option 1 ID : 94891116411

Option 2 ID : 94891116410

Option 3 ID : 94891116409

Option 4 ID : 94891116412

Status : Answered

Chosen Option : 4

**Q.97** In a certain code language, 'RSMPLDFN' is written as 'LLEGFWXE'. What is the code for 'XZBHQNNTV' in that code language?

- Ans  1. RSTYKGLM  
 2. RSTWKGLN  
 3. RSTYLGKN  
 4. RSTXKGKN

Question ID : 9489114097

Option 1 ID : 94891116385

Option 2 ID : 94891116387

Option 3 ID : 94891116386

Option 4 ID : 94891116388

Status : Answered

Chosen Option : 1

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

12496, 12448, 12424, ?

- Ans  1. 12464  
 2. 12400  
 3. 6212  
 4. 12412

Question ID : 9489114087

Option 1 ID : 94891116347

Option 2 ID : 94891116346

Option 3 ID : 94891116348

Option 4 ID : 94891116345

Status : Answered

Chosen Option : 4

**Q.99** Read the given paragraph and answer the question.

There are five persons A, G, M, J and D. Every person has to select one item each from a box containing items numbered from 1 to 5. A and J selected items 5 and 2 respectively. G cannot select item 3, while M cannot select item 3 or 5.

Which item can G select?

- Ans  1. Item 3 or 4  
 2. Item 2  
 3. Item 2 or 3  
 4. Item 1 or 4

Question ID : 9489114101

Option 1 ID : 94891116402

Option 2 ID : 94891116401

Option 3 ID : 94891116404

Option 4 ID : 94891116403

Status : Answered

Chosen Option : 4

**Q.100** Select the number set from among the given options that can replace the question mark (?) in the following series.

4 : 9, 25 : 49, ?, 289 : 361

- Ans  1. 729 : 64  
 2. 225 : 245  
 3. 121 : 169  
 4. 49 : 216

Question ID : 9489114078

Option 1 ID : 94891116309

Option 2 ID : 94891116310

Option 3 ID : 94891116311

Option 4 ID : 94891116312

Status : Answered

Chosen Option : 3