



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



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Test Date	27/01/2021
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 If REMEMBER is coded as 12323421, then how will MEMBER be coded?

- Ans
- ☒ 1. 123421
 - ☒ 2. 123124
 - ☒ 3. 323124
 - ☒ 4. 323421

Question ID : 9489113679

Option 1 ID : 94891114714

Option 2 ID : 94891114716

Option 3 ID : 94891114713

Option 4 ID : 94891114715

Status : Answered

Chosen Option : 4

Q.2 The ratio of two numbers is 5 : 6 and their HCF is 6. Their LCM is:

- Ans
- ☒ 1. 120
 - ☒ 2. 66
 - ☒ 3. 180
 - ☒ 4. 140

Question ID : 9489114846

Option 1 ID : 94891119381

Option 2 ID : 94891119384

Option 3 ID : 94891119382

Option 4 ID : 94891119383

Status : Answered

Chosen Option : 3

Q.3 The chemical composition of the ruby gemstone is:

- Ans
- ☒ 1. Sodium chloride
 - ☒ 2. Aluminium oxide
 - ☒ 3. Carbon
 - ☒ 4. Potassium

Question ID : 9489113811

Option 1 ID : 94891115243

Option 2 ID : 94891115241

Option 3 ID : 94891115242

Option 4 ID : 94891115244

Status : Answered

Chosen Option : 3

Q.4 If the letters of the word UNDERSTANDING are arranged in the alphabetical order, then which of the following letters will be in the centre?

- Ans
- ☒ 1. R
 - ☒ 2. G
 - ☒ 3. N
 - ☒ 4. S

Question ID : 9489113701

Option 1 ID : 94891114801

Option 2 ID : 94891114802

Option 3 ID : 94891114803

Option 4 ID : 94891114804

Status : Answered

Chosen Option : 3

Q.5 The Shanghai Cooperation Organisation was founded in:

- Ans
- ☒ 1. 2014
 - ☒ 2. 1989
 - ☒ 3. 2001
 - ☒ 4. 2005

Question ID : 9489113833

Option 1 ID : 94891115331

Option 2 ID : 94891115332

Option 3 ID : 94891115329

Option 4 ID : 94891115330

Status : Answered

Chosen Option : 4

Q.6 How many seats were won by the Bhartiya Janata Party (BJP) in the 19th Lok Sabha General Elections?

- Ans
- ☒ 1. 307
 - ☒ 2. 292
 - ☒ 3. 303
 - ☒ 4. 282

Question ID : 9489113804

Option 1 ID : 94891115215

Option 2 ID : 94891115216

Option 3 ID : 94891115213

Option 4 ID : 94891115214

Status : Answered

Chosen Option : 3

Q.7 In a certain code language, NAMAN is written as 92. How will CARPET be written as in that language?

- Ans
- ☒ 1. 99
 - ☒ 2. 97
 - ☒ 3. 96
 - ☒ 4. 98

Question ID : 9489113702

Option 1 ID : 94891114808

Option 2 ID : 94891114806

Option 3 ID : 94891114805

Option 4 ID : 94891114807

Status : Answered

Chosen Option : 1

Q.8 'Patna Kalam' is a:

- Ans
- ☒ 1. style of painting
 - ☒ 2. famous pen
 - ☒ 3. museum in Patna
 - ☒ 4. group of Bihari poets

Question ID : 9489113808

Option 1 ID : 94891115229

Option 2 ID : 94891115231

Option 3 ID : 94891115232

Option 4 ID : 94891115230

Status : Answered

Chosen Option : 1

Q.9 Which of the following air pollutants is known as soot?

- Ans
- ☐ 1. Ozone
 - ☐ 2. Lead
 - ☒ 3. Particulate matter
 - ☐ 4. Carbon monoxide

Question ID : 9489113832

Option 1 ID : 94891115325

Option 2 ID : 94891115328

Option 3 ID : 94891115327

Option 4 ID : 94891115326

Status : Not Answered

Chosen Option : --

Q.10 CRY is an organisation that works for the:

- Ans
- ☒ 1. protection of child rights
 - ☐ 2. improvement of agriculture
 - ☐ 3. elimination of prostitution
 - ☐ 4. destitute women

Question ID : 9489113843

Option 1 ID : 94891115371

Option 2 ID : 94891115372

Option 3 ID : 94891115370

Option 4 ID : 94891115369

Status : Answered

Chosen Option : 1

Q.11 In a certain code language TEACHER is coded as REHCAET. How would the word STUDENT be coded in that language?

- Ans
- ☐ 1. ENTTUDS
 - ☐ 2. STUdTNE
 - ☐ 3. TNESTUD
 - ☒ 4. TNEDUTS

Question ID : 9489113675

Option 1 ID : 94891114699

Option 2 ID : 94891114697

Option 3 ID : 94891114700

Option 4 ID : 94891114698

Status : Answered

Chosen Option : 4

Q.12 As per Ministry of Statistics and Programme Implementation, which state of India has the highest per capita income for 2018-19?

- Ans
- ☐ 1. Karnataka
 - ☐ 2. Kerala
 - ☒ 3. Goa
 - ☐ 4. Haryana

Question ID : 9489113842

Option 1 ID : 94891115366

Option 2 ID : 94891115365

Option 3 ID : 94891115368

Option 4 ID : 94891115367

Status : Answered

Chosen Option : 2

Q.13 A rectangular field has the sides in the ratio of 3 : 4. The area of the field is 300 m². The length and the breadth of the field are:

- Ans
- ☐ 1. 12 m, 18 m
 - ☐ 2. 15 m, 25 m
 - ☐ 3. 10 m, 5 m
 - ☒ 4. 20 m, 15 m

Question ID : 9489114866

Option 1 ID : 94891119464

Option 2 ID : 94891119463

Option 3 ID : 94891119461

Option 4 ID : 94891119462

Status : Answered

Chosen Option : 4

Q.14 Which of the following is NOT a terrestrial planet?

- Ans
- ☐ 1. Mars
 - ☒ 2. Uranus
 - ☐ 3. Venus
 - ☐ 4. Earth

Question ID : 9489113813

Option 1 ID : 94891115249

Option 2 ID : 94891115252

Option 3 ID : 94891115250

Option 4 ID : 94891115251

Status : Answered

Chosen Option : 2

Q.15 Which part of a CPU coordinates all the functions of a computer?

- Ans
- ☒ 1. Motherboard
 - ☒ 2. Keyboard
 - ☒ 3. Control unit
 - ☒ 4. Mouse

Question ID : 9489113837

Option 1 ID : 94891115347

Option 2 ID : 94891115346

Option 3 ID : 94891115348

Option 4 ID : 94891115345

Status : Answered

Chosen Option : 3

Q.16 The Air (Prevention and Control of Pollution) Act was introduced in India in:

- Ans
- ☒ 1. 1981
 - ☒ 2. 1975
 - ☒ 3. 1990
 - ☒ 4. 2000

Question ID : 9489113835

Option 1 ID : 94891115338

Option 2 ID : 94891115337

Option 3 ID : 94891115339

Option 4 ID : 94891115340

Status : Not Answered

Chosen Option : --

Q.17 The Lucknow Shatabdi Express leaves Delhi at 1:30 p.m. and reaches Lucknow at 10:30 p.m. The average speed of the train is 90 km/h. What is the distance covered by the train from Delhi to Lucknow?

- Ans
- ☒ 1. 750 km
 - ☒ 2. 830 km
 - ☒ 3. 810 km
 - ☒ 4. 800 km

Question ID : 9489114862

Option 1 ID : 94891119445

Option 2 ID : 94891119448

Option 3 ID : 94891119447

Option 4 ID : 94891119446

Status : Answered

Chosen Option : 3

Q.18 If a motor car travels the first half of a distance at a speed of 30 km/h and the remaining half distance at a speed of 50 km/h, what will be its average speed?

- Ans**
- ☒ 1. 37.5 km/h
 - ☐ 2. 45 km/h
 - ☐ 3. 40 km/h
 - ☐ 4. 37 km/h

Question ID : 9489114863

Option 1 ID : 94891119450

Option 2 ID : 94891119451

Option 3 ID : 94891119449

Option 4 ID : 94891119452

Status : Answered

Chosen Option : 1

Q.19 Solve the following.

$$\left(\frac{2}{7} \times \frac{-3}{5} - \frac{1}{12} - \frac{3}{5} \times \frac{4}{7}\right) \times 7 = ?$$

- Ans**
- ☐ 1. $\frac{-251}{420}$
 - ☐ 2. $\frac{-251}{209}$
 - ☒ 3. $\frac{-251}{60}$
 - ☐ 4. $\frac{-251}{210}$

Question ID : 9489114850

Option 1 ID : 94891119398

Option 2 ID : 94891119400

Option 3 ID : 94891119397

Option 4 ID : 94891119399

Status : Answered

Chosen Option : 3

Q.20 GST is a/an:

- Ans
- ☒ 1. indirect tax
 - ☐ 2. gold tax
 - ☐ 3. travel tax
 - ☐ 4. direct tax

Question ID : 9489113839

Option 1 ID : 94891115354

Option 2 ID : 94891115355

Option 3 ID : 94891115356

Option 4 ID : 94891115353

Status : Answered

Chosen Option : 1

Q.21 The HCF of

$\frac{9}{10}$, $\frac{3}{25}$, $\frac{6}{15}$ and $\frac{12}{5}$ is:

- Ans
- ☐ 1. $\frac{1}{150}$
 - ☒ 2. $\frac{1}{50}$
 - ☐ 3. $\frac{9}{50}$
 - ☐ 4. $\frac{3}{70}$

Question ID : 9489114851

Option 1 ID : 94891119401

Option 2 ID : 94891119402

Option 3 ID : 94891119403

Option 4 ID : 94891119404

Status : Answered

Chosen Option : 2

Q.22 A spam is a/an:

- Ans ☒ 1. unsolicited e-mail
☐ 2. application
☐ 3. operating system
☐ 4. newsgroup

Question ID : 9489113836

Option 1 ID : 94891115344

Option 2 ID : 94891115342

Option 3 ID : 94891115343

Option 4 ID : 94891115341

Status : Answered

Chosen Option : 1

Q.23 Which Schedule of the Indian Constitution makes provision for the division of powers between Union and the States?

- Ans ☐ 1. III
☐ 2. VIII
☒ 3. VII
☐ 4. IV

Question ID : 9489113827

Option 1 ID : 94891115305

Option 2 ID : 94891115308

Option 3 ID : 94891115307

Option 4 ID : 94891115306

Status : Answered

Chosen Option : 1

Q.24 Which of the following animals has a three-chambered heart?

- Ans ☒ 1. Salamander
☐ 2. Rohu
☐ 3. Sparrow
☐ 4. Sting Ray

Question ID : 9489113816

Option 1 ID : 94891115261

Option 2 ID : 94891115263

Option 3 ID : 94891115264

Option 4 ID : 94891115262

Status : Not Answered

Chosen Option : --

Q.25 In which year were the number of overs in a cricket world cup tournament reduced to 50 for the first time?

- Ans
- ☒ 1. 1983
 - ☒ 2. 1987
 - ☒ 3. 1984
 - ☒ 4. 1978

Question ID : 9489113807

Option 1 ID : 94891115228

Option 2 ID : 94891115226

Option 3 ID : 94891115225

Option 4 ID : 94891115227

Status : Answered

Chosen Option : 2

Q.26 Anil has 100 apples. He gave 10% of the apples to Anam, 15% of the apples to Keshav and $\frac{3}{5}$ th of the apples to Rinku. How many apples are left with Anil after distribution?

- Ans
- ☒ 1. 45
 - ☒ 2. 25
 - ☒ 3. 35
 - ☒ 4. 15

Question ID : 9489114856

Option 1 ID : 94891119423

Option 2 ID : 94891119421

Option 3 ID : 94891119422

Option 4 ID : 94891119424

Status : Answered

Chosen Option : 3

Q.27 Select the letter-cluster from among the given options that can replace the question mark (?) in the given series.

DPX, EQV, FRZ, GSA, ?

- Ans
- ☒ 1. BTH
 - ☒ 2. HUB
 - ☒ 3. HTB
 - ☒ 4. BHU

Question ID : 9489113684

Option 1 ID : 94891114734

Option 2 ID : 94891114733

Option 3 ID : 94891114736

Option 4 ID : 94891114735

Status : Answered

Chosen Option : 3

Q.28 Tuzuk-i-Baburi/Baburnama was originally written in:

- Ans
- ☒ 1. Persian
 - ☐ 2. Chagatai
 - ☐ 3. Hindi
 - ☐ 4. Urdu

Question ID : 9489113810

Option 1 ID : 94891115239

Option 2 ID : 94891115240

Option 3 ID : 94891115237

Option 4 ID : 94891115238

Status : Answered

Chosen Option : 1

Q.29 The length of a rectangle is 1 cm more than its width. Its perimeter is 14 cm. The area of the rectangle is:

- Ans
- ☐ 1. 28 cm^2
 - ☐ 2. 24 cm^2
 - ☐ 3. 16 cm^2
 - ☒ 4. 12 cm^2

Question ID : 9489114867

Option 1 ID : 94891119466

Option 2 ID : 94891119468

Option 3 ID : 94891119465

Option 4 ID : 94891119467

Status : Answered

Chosen Option : 4

Q.30 If $x = \frac{y}{2}$ and $y = \frac{z}{6}$, then $x : y : z$ is equal to :

- Ans
- ☐ 1. 2 : 12 : 1
 - ☐ 2. 1 : 2 : 3
 - ☒ 3. 1 : 2 : 12
 - ☐ 4. 1 : 2 : 6

Question ID : 9489114855

Option 1 ID : 94891119420

Option 2 ID : 94891119417

Option 3 ID : 94891119419

Option 4 ID : 94891119418

Status : Answered

Chosen Option : 3

Q.31 Who headed the Commission appointed in April 2007 to suggest measures for improvement in centre-state relations in India?

- Ans
- ☒ 1. M.M.Punchhi
 - ☐ 2. K. N. Raj
 - ☐ 3. G. S. Padhi
 - ☐ 4. R. S. Lodha

Question ID : 9489113828
Option 1 ID : 94891115309
Option 2 ID : 94891115312
Option 3 ID : 94891115310
Option 4 ID : 94891115311

Status : Answered
Chosen Option : 4

Q.32 Which country's President made an underwater speech to call for stronger action to protect oceans in 2019?

- Ans
- ☒ 1. Seychelles
 - ☐ 2. Maldives
 - ☐ 3. Brunei
 - ☐ 4. Italy

Question ID : 9489113805
Option 1 ID : 94891115219
Option 2 ID : 94891115218
Option 3 ID : 94891115220
Option 4 ID : 94891115217

Status : Answered
Chosen Option : 4

Q.33 The sum of two numbers is 25 and the product is 35. The sum of their reciprocals is:

- Ans
- ☐ 1. $\frac{3}{7}$
 - ☐ 2. $\frac{6}{7}$
 - ☐ 3. $\frac{4}{7}$
 - ☒ 4. $\frac{5}{7}$

Question ID : 9489114865
Option 1 ID : 94891119458
Option 2 ID : 94891119460
Option 3 ID : 94891119459
Option 4 ID : 94891119457

Status : Answered
Chosen Option : 4

Q.34 In Computer terminology, ALU stands for:

- Ans
- ☒ 1. Arithmetic Logic Unit
 - ☐ 2. Active Load Unit
 - ☐ 3. Air Lock Unit
 - ☐ 4. Application Logical Unit

Question ID : 9489113838
Option 1 ID : 94891115349
Option 2 ID : 94891115352
Option 3 ID : 94891115350
Option 4 ID : 94891115351

Status : Answered
Chosen Option : 1

Q.35 Select the letter-cluster from among the given options that can replace the question mark (?) in the given series.

ACE, HIL, OQS, ?

- Ans
- ☐ 1. VWX
 - ☐ 2. UWY
 - ☐ 3. ZXV
 - ☒ 4. VXZ

Question ID : 9489113685
Option 1 ID : 94891114738
Option 2 ID : 94891114739
Option 3 ID : 94891114737
Option 4 ID : 94891114740

Status : Answered
Chosen Option : 4

Q.36 The 'right to property' is a:

- Ans
- ☐ 1. No right at all
 - ☐ 2. Fundamental right
 - ☒ 3. Legal right
 - ☐ 4. Spiritual right

Question ID : 9489113829
Option 1 ID : 94891115316
Option 2 ID : 94891115313
Option 3 ID : 94891115314
Option 4 ID : 94891115315

Status : Answered
Chosen Option : 3

Q.37 The mean daily profit by a shopkeeper in a month of 30 days was ₹450. If the mean profit for the first 10 days was ₹300, then the mean profit for the last 10 days will be:

- Ans**
- ☒ 1. ₹750
 - ☐ 2. ₹250
 - ☐ 3. ₹500
 - ☐ 4. ₹260

Question ID : 9489114873

Option 1 ID : 94891119489

Option 2 ID : 94891119491

Option 3 ID : 94891119490

Option 4 ID : 94891119492

Status : Answered

Chosen Option : 1

Q.38 Solve the following.

$$64.916 + 1.456 - 25.326 = ?$$

- Ans**
- ☐ 1. 41.46
 - ☐ 2. 40.46
 - ☒ 3. 41.046
 - ☐ 4. 40.046

Question ID : 9489114847

Option 1 ID : 94891119385

Option 2 ID : 94891119386

Option 3 ID : 94891119387

Option 4 ID : 94891119388

Status : Answered

Chosen Option : 3

Q.39 If $\sin A = \frac{a}{b}$, then find the value of $\cos A$.

Ans

✓ 1. $\frac{\sqrt{b^2 - a^2}}{b}$

✗ 2. $\frac{\sqrt{b^2 + a^2}}{b}$

✗ 3. $\frac{b}{a}$

✗ 4. $\frac{b}{a^2 + b^2}$

Question ID : 9489114868

Option 1 ID : 94891119470

Option 2 ID : 94891119471

Option 3 ID : 94891119472

Option 4 ID : 94891119469

Status : Answered

Chosen Option : 1

Q.40 The value of $\frac{0.064 + 0.027}{0.16 - 0.12 + 0.09}$ is:

Ans

✗ 1. 0.09

✗ 2. 0.16

✓ 3. 0.7

✗ 4. 0.9

Question ID : 9489114849

Option 1 ID : 94891119394

Option 2 ID : 94891119393

Option 3 ID : 94891119396

Option 4 ID : 94891119395

Status : Answered

Chosen Option : 3

Q.41 Jog falls, the highest waterfalls in India is also known as?

Ans

✗ 1. Yenna Falls

✗ 2. Chachai Falls

✓ 3. Gersoppa Falls

✗ 4. Shivasamudra Falls

Question ID : 9489113823

Option 1 ID : 94891115289

Option 2 ID : 94891115292

Option 3 ID : 94891115290

Option 4 ID : 94891115291

Status : Answered

Chosen Option : 3

Q.42 Bamboo, birch, sal, spruce and sheesham can be found in the _____ forest.

- Ans ☒ 1. temperate deciduous
☒ 2. coniferous
☒ 3. temperate
☒ 4. alpine

Question ID : 9489113815
Option 1 ID : 94891115257
Option 2 ID : 94891115260
Option 3 ID : 94891115259
Option 4 ID : 94891115258
Status : Answered
Chosen Option : 2

Q.43 The East-West Corridor under National Highway Development Project is from:

- Ans ☒ 1. Silchar to Porbandar
☒ 2. Kolkata to Porbandar
☒ 3. Kolkata to Mumbai
☒ 4. Guwahati to Dwarka

Question ID : 9489113840
Option 1 ID : 94891115359
Option 2 ID : 94891115357
Option 3 ID : 94891115360
Option 4 ID : 94891115358
Status : Answered
Chosen Option : 2

Q.44 Kosal, Anga, Kashi and Vajji were all:

- Ans ☒ 1. conquered by King Ajatshatru
☒ 2. part of 16 Mahajanapadas
☒ 3. ruled by King Harshvardhan in 6th century AD
☒ 4. conquered by King Jaichand

Question ID : 9489113817
Option 1 ID : 94891115268
Option 2 ID : 94891115266
Option 3 ID : 94891115265
Option 4 ID : 94891115267
Status : Answered
Chosen Option : 2

Q.45 Select the letter-cluster from among the given options that can replace the question mark (?) in the given series:

DPAY, EOBX, FNCW, ?

- Ans
- ☒ 1. DVGM
 - ☒ 2. VDMG
 - ☒ 3. GMDV
 - ☒ 4. MGVD

Question ID : 9489113688

Option 1 ID : 94891114751

Option 2 ID : 94891114750

Option 3 ID : 94891114749

Option 4 ID : 94891114752

Status : Answered

Chosen Option : 3

Q.46 If the mean of $\frac{x}{2}$, x , $\frac{x}{3}$, $\frac{x}{4}$, and $\frac{x}{6}$ is 6, then value of x will be:

- Ans
- ☒ 1. 4
 - ☒ 2. $\frac{40}{3}$
 - ☒ 3. 2
 - ☒ 4. $\frac{3}{2}$

Question ID : 9489114872

Option 1 ID : 94891119488

Option 2 ID : 94891119487

Option 3 ID : 94891119485

Option 4 ID : 94891119486

Status : Answered

Chosen Option : 2

Q.47 The Pulitzer Awards are administered by:

- Ans
- ☒ 1. The Federal Government, USA
 - ☒ 2. Stanford University, USA
 - ☒ 3. The Columbia University, New York
 - ☒ 4. Harvard University, USA

Question ID : 9489113806

Option 1 ID : 94891115221

Option 2 ID : 94891115223

Option 3 ID : 94891115222

Option 4 ID : 94891115224

Status : Answered

Chosen Option : 4

Q.48 A sum of money at simple interest doubles itself in 4 years 4 months. In how much time will it triple itself?

Ans

- ☒ 1. $8\frac{1}{3}$ years
- ☒ 2. 8 years
- ☒ 3. $3\frac{1}{8}$ years
- ☒ 4. $8\frac{2}{3}$ years

Question ID : 9489114860

Option 1 ID : 94891119438

Option 2 ID : 94891119440

Option 3 ID : 94891119439

Option 4 ID : 94891119437

Status : Answered

Chosen Option : 4

Q.49 If '+' stands for ' $\times$ ', ' $\times$ ' stands for '+', ' $\div$ ' stands for ' $\times$ ' and ' $\div$ ' stands for ' $\div$ ', then find the value of $24 \div 6 \div 2 - 9 \times 4$.

Ans

- ☒ 1. 24
- ☒ 2. 10
- ☒ 3. -10
- ☒ 4. -18

Question ID : 9489113687

Option 1 ID : 94891114745

Option 2 ID : 94891114748

Option 3 ID : 94891114746

Option 4 ID : 94891114747

Status : Answered

Chosen Option : 3

Q.50 Which one of these is NOT an igneous rock?

Ans

- ☒ 1. Basalt
- ☒ 2. Granite
- ☒ 3. Dolomite
- ☒ 4. Diorite

Question ID : 9489113822

Option 1 ID : 94891115285

Option 2 ID : 94891115286

Option 3 ID : 94891115288

Option 4 ID : 94891115287

Status : Answered

Chosen Option : 3

Q.51 One fifth of 40% of a number is equal to two third of 30% of another number. What is the respective ratio of the first number to the second number?

Ans

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

Question ID : 9489114857

Option 1 ID : 94891119427

Option 2 ID : 94891119426

Option 3 ID : 94891119428

Option 4 ID : 94891119425

Status : Answered

Chosen Option : 3

Q.52 Under the Antyodaya Anna Yojana, rice is provided for rupees:

Ans

- ☒ 1. 2 per kg
- ☒ 2. 5 per kg
- ☒ 3. 9 per kg
- ☒ 4. 3 per kg

Question ID : 9489113841

Option 1 ID : 94891115362

Option 2 ID : 94891115363

Option 3 ID : 94891115364

Option 4 ID : 94891115361

Status : Answered

Chosen Option : 1

Q.53 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All doctors are players.
2. Some players are teachers.

Conclusions:

1. Some players are doctors as well as teachers.
2. All teachers are players.

- Ans**
- ☒ 1. Neither conclusions 1 nor 2 follows
 - ☐ 2. Both conclusions 1 and 2 follow
 - ☐ 3. Conclusion 1 follows
 - ☐ 4. Conclusion 2 follows

Question ID : 9489113694

Option 1 ID : 94891114776

Option 2 ID : 94891114775

Option 3 ID : 94891114773

Option 4 ID : 94891114774

Status : Answered

Chosen Option : 1

Q.54 If $\tan \alpha = \frac{1}{x}$, then find the value of $\sin \alpha + \cos \alpha$.

- Ans**
- ☐ 1. $\frac{1 - x}{1 + x^2}$
 - ☐ 2. $\frac{1 - x^2}{1 + x^2}$
 - ☒ 3. $\frac{1 + x}{\sqrt{1 + x^2}}$
 - ☐ 4. $\frac{2x}{1 + x^2}$

Question ID : 9489114870

Option 1 ID : 94891119477

Option 2 ID : 94891119479

Option 3 ID : 94891119478

Option 4 ID : 94891119480

Status : Answered

Chosen Option : 3

Q.55 The Lingraja temple of Odisha is built in the:

- Ans
- ☒ 1. Nagar style of architecture
 - ☐ 2. Dravidian style of architecture
 - ☐ 3. Rajput style of architecture
 - ☐ 4. Indo-Gothic style of architecture

Question ID : 9489113809

Option 1 ID : 94891115234

Option 2 ID : 94891115233

Option 3 ID : 94891115235

Option 4 ID : 94891115236

Status : Answered

Chosen Option : 2

Q.56 The difference between the greatest and the smallest number of six digits is:

- Ans
- ☐ 1. 109999
 - ☒ 2. 899999
 - ☐ 3. 100000
 - ☐ 4. 895592

Question ID : 9489114844

Option 1 ID : 94891119374

Option 2 ID : 94891119375

Option 3 ID : 94891119376

Option 4 ID : 94891119373

Status : Answered

Chosen Option : 2

Q.57 When 1.25 is written in simplest fraction form, the difference between the numerator and the denominator is:

- Ans
- ☒ 1. 1
 - ☐ 2. 0.25
 - ☐ 3. 2.5
 - ☐ 4. 0.9

Question ID : 9489114848

Option 1 ID : 94891119391

Option 2 ID : 94891119392

Option 3 ID : 94891119389

Option 4 ID : 94891119390

Status : Answered

Chosen Option : 1

Q.58 Solve the following.

$$25 + \left[20 - \left\{ 2 \left(20 \times \frac{1}{5} \right) \div \frac{1}{8} \times \frac{1}{16} - 8 \right\} \right] = ?$$

- Ans
- ☒ 1. 26
 - ☒ 2. 57
 - ☐ 3. 27
 - ☐ 4. 37

Question ID : 9489114852

Option 1 ID : 94891119407

Option 2 ID : 94891119408

Option 3 ID : 94891119405

Option 4 ID : 94891119406

Status : Answered

Chosen Option : 2

Q.59 Read the given query and arguments carefully and decide which of the arguments is/are strong.

Query : Should there be a complete ban on tobacco selling in India?

Argument 1: No, this will render thousands of workers jobless.

Argument 2: Yes, tobacco is consumed by even minors who suffer severe health effects.

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

Question ID : 9489113682

Option 1 ID : 94891114727

Option 2 ID : 94891114725

Option 3 ID : 94891114728

Option 4 ID : 94891114726

Status : Answered

Chosen Option : 1

Q.60 When water is changed into ice, its volume increases by 10%. If ice is changed into water, the percentage decrease in its volume will be:

Ans

- ☒ 1. $\frac{100}{15}\%$
- ☒ 2. $\frac{100}{16}\%$
- ☒ 3. $\frac{100}{11}\%$
- ☒ 4. $\frac{100}{120}\%$

Question ID : 9489114859

Option 1 ID : 94891119434

Option 2 ID : 94891119436

Option 3 ID : 94891119435

Option 4 ID : 94891119433

Status : Answered

Chosen Option : 3

Q.61 As of December 2020, which of the following states has the largest installed wind power capacity?

Ans

- ☒ 1. Rajasthan
- ☒ 2. Gujarat
- ☒ 3. Maharashtra
- ☒ 4. Tamil Nadu

Question ID : 9489113824

Option 1 ID : 94891115294

Option 2 ID : 94891115293

Option 3 ID : 94891115296

Option 4 ID : 94891115295

Status : Answered

Chosen Option : 4

Q.62 The compound interest on ₹1,400 for 18 months at the rate of 20% per annum is:

Ans

- ☒ 1. ₹450
- ☒ 2. ₹470
- ☒ 3. ₹448
- ☒ 4. ₹454

Question ID : 9489114854

Option 1 ID : 94891119413

Option 2 ID : 94891119416

Option 3 ID : 94891119415

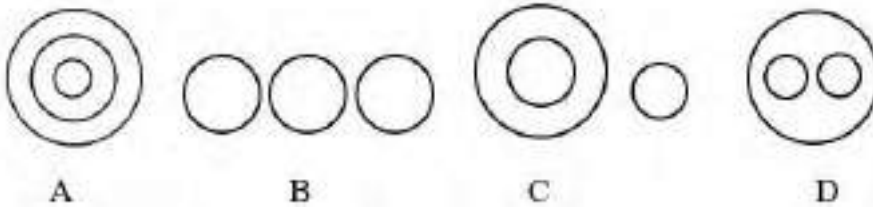
Option 4 ID : 94891119414

Status : Answered

Chosen Option : 3

Q.63 Select the Venn diagram that best represents the relationship of the classes:

Varanasi, India, Uttar Pradesh



- Ans
- ☒ 1. C
 - ☒ 2. A
 - ☒ 3. B
 - ☒ 4. D

Question ID : 9489113698

Option 1 ID : 94891114791

Option 2 ID : 94891114789

Option 3 ID : 94891114790

Option 4 ID : 94891114792

Status : Answered

Chosen Option : 2

Q.64 The name given to the Indian long range, sub-sonic cruise missile that was test-fired on 15 April 2019 is:

- Ans
- ☒ 1. Vaayu
 - ☒ 2. Nirbhay
 - ☒ 3. Pawan
 - ☒ 4. Abhay

Question ID : 9489113830

Option 1 ID : 94891115317

Option 2 ID : 94891115319

Option 3 ID : 94891115318

Option 4 ID : 94891115320

Status : Answered

Chosen Option : 2

Q.65 A rectangular field is to be fenced on three sides leaving a side of 30 ft. uncovered. If the area of the field is 690 sq. ft., how many feet of fencing will be required?

- Ans
- ☒ 1. 46
 - ☒ 2. 59
 - ☒ 3. 76
 - ☒ 4. 69

Question ID : 9489114871

Option 1 ID : 94891119482

Option 2 ID : 94891119484

Option 3 ID : 94891119481

Option 4 ID : 94891119483

Status : Answered

Chosen Option : 3

Q.66 Rods and cone cells are found in:

- Ans
- ☒ 1. Ears
 - ☒ 2. Liver
 - ☒ 3. Brain
 - ☒ 4. Eyes

Question ID : 9489113814

Option 1 ID : 94891115255

Option 2 ID : 94891115256

Option 3 ID : 94891115253

Option 4 ID : 94891115254

Status : Answered

Chosen Option : 4

Q.67 Select the Venn diagram that best represents the relationship of the classes:

Stationery, Pen, Pencil



A



B



C



D

Ans

☒ 1. C

☒ 2. B

☒ 3. D

☒ 4. A

Question ID : 9489113697

Option 1 ID : 94891114787

Option 2 ID : 94891114786

Option 3 ID : 94891114788

Option 4 ID : 94891114785

Status : Answered

Chosen Option : 3

Q.68 As per NITI Ayog data, the total fertility rate in India in 2016 was:

Ans

☒ 1. 3.8

☒ 2. 3.3

☒ 3. 2.3

☒ 4. 1.3

Question ID : 9489113825

Option 1 ID : 94891115300

Option 2 ID : 94891115297

Option 3 ID : 94891115298

Option 4 ID : 94891115299

Status : Not Answered

Chosen Option : --

Q.69 A can finish a task in 16 days and B can finish the same task in one fourth the time taken by A. Working together, what part of the same task can they finish in a day?

Ans

- ☒ 1. $\frac{1}{16}$
- ☒ 2. $\frac{9}{16}$
- ☒ 3. $\frac{5}{16}$
- ☒ 4. $\frac{1}{8}$

Question ID : 9489114861
 Option 1 ID : 94891119443
 Option 2 ID : 94891119442
 Option 3 ID : 94891119441
 Option 4 ID : 94891119444
 Status : Answered
 Chosen Option : 3

Q.70 The largest physiographic division of India is the:

Ans

- ☒ 1. Islands
- ☒ 2. Peninsular Plateau
- ☒ 3. Coastal plains
- ☒ 4. North Indian Plains

Question ID : 9489113826
 Option 1 ID : 94891115303
 Option 2 ID : 94891115304
 Option 3 ID : 94891115302
 Option 4 ID : 94891115301
 Status : Answered
 Chosen Option : 2

Q.71 The largest number of four digits which, when divided by 6, 12 and 18 leaves the same remainder 5 in each case is:

Ans

- ☒ 1. 9977
- ☒ 2. 9976
- ☒ 3. 9940
- ☒ 4. 9978

Question ID : 9489114853
 Option 1 ID : 94891119411
 Option 2 ID : 94891119409
 Option 3 ID : 94891119412
 Option 4 ID : 94891119410
 Status : Answered
 Chosen Option : 1

Q.72 Where was the All India Khilafat conference held in 1919?

- Ans ☒ 1. Delhi
☐ 2. Bombay
☐ 3. Madras
☐ 4. Gandhinagar

Question ID : 9489113818

Option 1 ID : 94891115270

Option 2 ID : 94891115269

Option 3 ID : 94891115272

Option 4 ID : 94891115271

Status : Not Answered

Chosen Option : --

Q.73 In triangle ABC, the angles are in the ratio of 2 : 3 : 4. The measure of the biggest angle in degrees is:

- Ans ☐ 1. 100°
☒ 2. 80°
☐ 3. 120°
☐ 4. 150°

Question ID : 9489114869

Option 1 ID : 94891119475

Option 2 ID : 94891119476

Option 3 ID : 94891119473

Option 4 ID : 94891119474

Status : Answered

Chosen Option : 2

Q.74 What is the lubricating fluid found between the two bones at a movable joint called?

- Ans ☒ 1. Synovial fluid
☐ 2. Cerebrospinal fluid
☐ 3. Interstitial fluid
☐ 4. Amniotic fluid

Question ID : 9489113812

Option 1 ID : 94891115247

Option 2 ID : 94891115248

Option 3 ID : 94891115246

Option 4 ID : 94891115245

Status : Answered

Chosen Option : 1

Q.75 Three of the given four names share a certain relation whereas one is different. Select the option that is different from the rest

Agartala, Imphal, Kohima, Silchar

- Ans
- ☒ 1. Silchar
 - ☐ 2. Imphal
 - ☐ 3. Agartala
 - ☐ 4. Kohima

Question ID : 9489113693

Option 1 ID : 94891114771

Option 2 ID : 94891114772

Option 3 ID : 94891114770

Option 4 ID : 94891114769

Status : Answered

Chosen Option : 1

Q.76 Select the number from among the given options that can replace the question mark (?) in the given series.

5, 7, 10, 14, ?

- Ans
- ☒ 1. 19
 - ☐ 2. 17
 - ☐ 3. 18
 - ☐ 4. 20

Question ID : 9489113683

Option 1 ID : 94891114729

Option 2 ID : 94891114732

Option 3 ID : 94891114731

Option 4 ID : 94891114730

Status : Answered

Chosen Option : 1

Q.77 Simplify the following.

$$\frac{1}{\sqrt{2} + \sqrt{1}} + \frac{1}{\sqrt{3} + \sqrt{2}} + \frac{1}{\sqrt{4} + \sqrt{3}} + \dots + \frac{1}{\sqrt{100} + \sqrt{99}}$$

- Ans
- ☐ 1. 4
 - ☐ 2. 10
 - ☒ 3. 9
 - ☐ 4. 3

Question ID : 9489114845

Option 1 ID : 94891119380

Option 2 ID : 94891119377

Option 3 ID : 94891119378

Option 4 ID : 94891119379

Status : Answered

Chosen Option : 3

Q.78 Mission Shakti is related to:

- Ans ☒ 1. India's first test of an anti-satellite weapon
☐ 2. Vocational training to the socially backward
☐ 3. Empowerment of farmers
☐ 4. Environmental protection

Question ID : 9489113831

Option 1 ID : 94891115321

Option 2 ID : 94891115324

Option 3 ID : 94891115322

Option 4 ID : 94891115323

Status : Not Answered

Chosen Option : --

Q.79 Who threw a bomb in the Central Legislative Assembly on 8 April 1929?

- Ans ☒ 1. Batukeshwar Dutt and Bhagat Singh
☐ 2. Asfaquallah Khan and Sukhdev
☐ 3. Ram Prasad Bismil and Prafull Das
☐ 4. Chandra Shekhar Azad and Raushan Singh

Question ID : 9489113819

Option 1 ID : 94891115275

Option 2 ID : 94891115274

Option 3 ID : 94891115276

Option 4 ID : 94891115273

Status : Answered

Chosen Option : 1

Q.80 A vendor bought mangoes at the rate of 8 for ₹12 and sold them at the rate of 6 for ₹10. Find his percentage gain.

- Ans ☐ 1. 50%
☒ 2. $\frac{100}{9}\%$
☐ 3. 10%
☐ 4. $\frac{100}{3}\%$

Question ID : 9489114858

Option 1 ID : 94891119431

Option 2 ID : 94891119430

Option 3 ID : 94891119432

Option 4 ID : 94891119429

Status : Answered

Chosen Option : 2

Q.81 The current Secretary General of United Nations Antonio Guterres belongs to:

- Ans
- ☒ 1. Russia
 - ☒ 2. Italy
 - ☒ 3. France
 - ☒ 4. Portugal

Question ID : 9489113834

Option 1 ID : 94891115333

Option 2 ID : 94891115334

Option 3 ID : 94891115336

Option 4 ID : 94891115335

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.82 The ratio of the length to the breadth of a rectangular field is 7 : 6. If the breadth is 38 m less than the length, then the perimeter of the field is:

- Ans
- ☒ 1. 910 m
 - ☒ 2. 930 m
 - ☒ 3. 940 m
 - ☒ 4. 920 m

Question ID : 9489114864

Option 1 ID : 94891119453

Option 2 ID : 94891119455

Option 3 ID : 94891119456

Option 4 ID : 94891119454

Status : **Answered**

Chosen Option : 1

Q.83 Who among the following passed the widow remarriage Act in India?

- Ans
- ☒ 1. Lord Wellesley
 - ☒ 2. Lord Mountbatten
 - ☒ 3. Lord Lytton
 - ☒ 4. Lord Canning

Question ID : 9489113821

Option 1 ID : 94891115281

Option 2 ID : 94891115283

Option 3 ID : 94891115282

Option 4 ID : 94891115284

Status : **Not Answered**

Chosen Option : --

Q.84 Where did Subhash Chandra Bose form the "Provisional Government of Free India"?

- Ans
- ☒ 1. Malaya
 - ☒ 2. Thailand
 - ☒ 3. Singapore
 - ☒ 4. Burma

Question ID : 9489113820

Option 1 ID : 94891115277

Option 2 ID : 94891115278

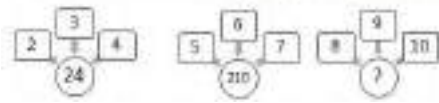
Option 3 ID : 94891115280

Option 4 ID : 94891115279

Status : Marked For Review

Chosen Option : 3

Q.85 Select the number from among the given options that can replace the question mark (?) in the given figure series.



- Ans
- ☒ 1. 9
 - ☒ 2. 27
 - ☒ 3. 270
 - ☒ 4. 720

Question ID : 9489113699

Option 1 ID : 94891114793

Option 2 ID : 94891114794

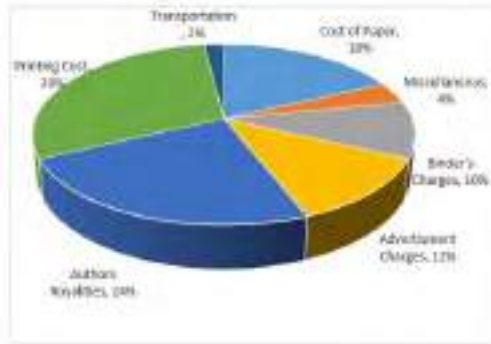
Option 3 ID : 94891114796

Option 4 ID : 94891114795

Status : Answered

Chosen Option : 4

Q.86 The pie chart represents the various expenses involved in the publishing business. Study the given pie chart and answer the question that follows.



If the authors' royalties amount to ₹24,000, then, what will be the cost of paper (in ₹)?

- Ans**
- ✓ 1. ₹18,000
 - ✗ 2. ₹12,000
 - ✗ 3. ₹17,000
 - ✗ 4. ₹24,000

Question ID : 9489113689

Option 1 ID : 94891114754

Option 2 ID : 94891114753

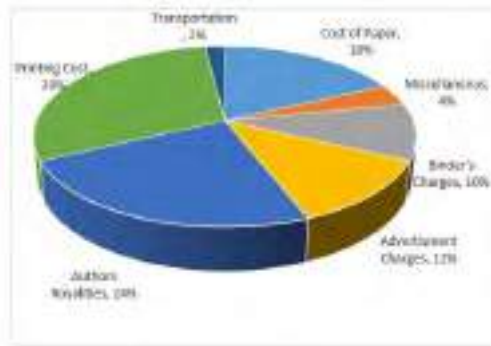
Option 3 ID : 94891114755

Option 4 ID : 94891114756

Status : Answered

Chosen Option : 1

Q.87 The pie chart represents the various expenses involved in the publishing business. Study the given pie chart and answer the question that follows.



If the printing charges amount to ₹30,000, then what will be the total expenditure incurred in bringing out the book.

- Ans ☒ 1. ₹1,00,000
☐ 2. ₹10,000
☐ 3. ₹30,000
☐ 4. ₹9,000

Question ID : 9489113690

Option 1 ID : 94891114759

Option 2 ID : 94891114760

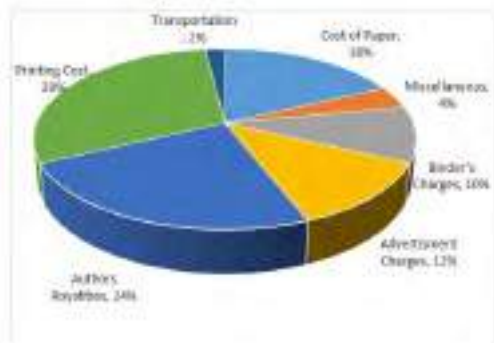
Option 3 ID : 94891114758

Option 4 ID : 94891114757

Status : Answered

Chosen Option : 1

Q.88 The pie chart represents the various expenses involved in the publishing business. Study the given pie chart and answer the question that follows.



If the total expenditure in bringing out the book is ₹2,50,000, then what will be the amount of printing charges plus authors' royalties?

- Ans**
- ☐ 1. ₹1,53,000
 - ☐ 2. ₹1,03,000
 - ☐ 3. ₹1,30,000
 - ☒ 4. ₹1,35,000

Question ID : 9489113691

Option 1 ID : 94891114762

Option 2 ID : 94891114761

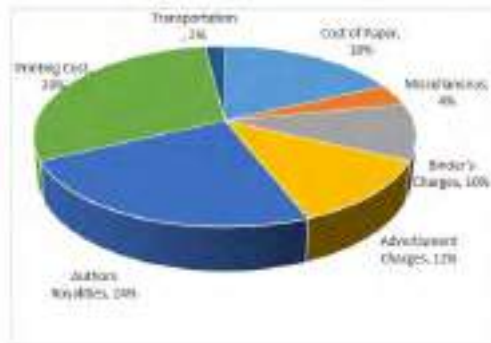
Option 3 ID : 94891114763

Option 4 ID : 94891114764

Status : Answered

Chosen Option : 4

Q.89 The pie chart represents the various expenses involved in the publishing business. Study the given pie chart and answer the question that follows.



What will be the angle of the sector for miscellaneous expenses?

- Ans**
- ☒ 1. 6.4°
 - ☒ 2. 12.4°
 - ☒ 3. 14.4°
 - ☒ 4. 7.2°

Question ID : 9489113692

Option 1 ID : 94891114768

Option 2 ID : 94891114767

Option 3 ID : 94891114765

Option 4 ID : 94891114766

Status : Answered

Chosen Option : 3

Q.90 Read the given statement and conclusions carefully and decide which conclusion(s) is/are implicit in the statement.

Statement:

No nation is completely self-dependent these days.

Conclusion:

- I. Citizens of the country have become lazy.
- II. It is impossible to grow and produce all that a nation needs.

- Ans**
- ☒ 1. Conclusion I is implicit.
 - ☒ 2. Conclusion II is implicit.
 - ☒ 3. Neither Conclusion I nor II is implicit.
 - ☒ 4. Both Conclusion I and II are implicit.

Question ID : 9489113681

Option 1 ID : 94891114721

Option 2 ID : 94891114722

Option 3 ID : 94891114724

Option 4 ID : 94891114723

Status : Answered

Chosen Option : 2

Q.91 Ram is brother of Shyam, Mohan is father of Ram, Sohan is the brother of Radhika, Radhika is the daughter of Shyam.
Who is the paternal uncle of Sohan?

- Ans**
- ☒ 1. Shyam
 - ☒ 2. Mohan
 - ☒ 3. Pawan
 - ☒ 4. Ram

Question ID : 9489113680

Option 1 ID : 94891114718

Option 2 ID : 94891114719

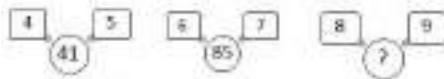
Option 3 ID : 94891114720

Option 4 ID : 94891114717

Status : Answered

Chosen Option : 4

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



- Ans**
- ☒ 1. 145
 - ☒ 2. 155
 - ☒ 3. 129
 - ☒ 4. 150

Question ID : 9489113700

Option 1 ID : 94891114799

Option 2 ID : 94891114798

Option 3 ID : 94891114797

Option 4 ID : 94891114800

Status : Answered

Chosen Option : 1

Q.93 If BREAK is coded as YIVZP, then how will MANGO be coded?

- Ans**
- ☒ 1. NBNPL
 - ☒ 2. NZOTP
 - ☒ 3. NZMTL
 - ☒ 4. NBLSP

Question ID : 9489113674

Option 1 ID : 94891114696

Option 2 ID : 94891114693

Option 3 ID : 94891114695

Option 4 ID : 94891114694

Status : Answered

Chosen Option : 3

Q.94 Select the alphanumeric-cluster from among the given options that can replace the question mark (?) in the given series.

G7H, 19J, K11L, ?

- Ans
- ☒ 1. O15P
 - ☒ 2. N14O
 - ☒ 3. M13N
 - ☒ 4. L12M

Question ID : 9489113686

Option 1 ID : 94891114744

Option 2 ID : 94891114743

Option 3 ID : 94891114742

Option 4 ID : 94891114741

Status : Answered

Chosen Option : 3

Q.95 Select the number from among the given options that can replace the question mark (?) in the table below.

2	9	16
3	13	?
8	126	192

- Ans
- ☒ 1. 11
 - ☒ 2. 14
 - ☒ 3. 13
 - ☒ 4. 12

Question ID : 9489113703

Option 1 ID : 94891114809

Option 2 ID : 94891114812

Option 3 ID : 94891114811

Option 4 ID : 94891114810

Status : Answered

Chosen Option : 1

Q.96 Select the number from among the options given that is related to the third number in the same way as the second number is related to the first number.

5 : 28 :: 7 : ?

- Ans
- ☒ 1. 49
 - ☒ 2. 53
 - ☒ 3. 52
 - ☒ 4. 50

Question ID : 9489113678

Option 1 ID : 94891114711

Option 2 ID : 94891114712

Option 3 ID : 94891114709

Option 4 ID : 94891114710

Status : Answered

Chosen Option : 3

Q.97 Select the Venn diagram that best represents the relationship of the classes:

papaya, fruit, potato



A



B



C



D

- Ans
- ☒ 1. D
 - ☒ 2. A
 - ☒ 3. B
 - ☒ 4. C

Question ID : 9489113696

Option 1 ID : 94891114784

Option 2 ID : 94891114781

Option 3 ID : 94891114782

Option 4 ID : 94891114783

Status : Answered

Chosen Option : 4

Q.98 If X is Y's sister, Z is Y's mother, A is Z's father and B is A's mother, then how is X related to A?

- Ans
- ☒ 1. Father's father
 - ☒ 2. Father's mother
 - ☒ 3. Daughter
 - ☒ 4. Daughter's daughter

Question ID : 9489113676

Option 1 ID : 94891114702

Option 2 ID : 94891114701

Option 3 ID : 94891114703

Option 4 ID : 94891114704

Status : Answered

Chosen Option : 4

Q.99 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement 1: Some chairs are tables.

Statement 2: All books are tables.

Conclusion 1: Some books are chairs.

Conclusion 2: Some tables are chairs.

- 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 : 9489113677

Option 1 ID : 94891114708

Option 2 ID : 94891114707

Option 3 ID : 94891114705

Option 4 ID : 94891114706

Status : Answered

Chosen Option : 4

Q.100 Out of the four number-pairs listed, three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☒ 1. 6, 35
 - ☒ 2. 4, 23
 - ☒ 3. 15, 30
 - ☒ 4. 18, 85

Question ID : 9489113695

Option 1 ID : 94891114778

Option 2 ID : 94891114777

Option 3 ID : 94891114779

Option 4 ID : 94891114780

Status : Answered

Chosen Option : 3