



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	27/02/2021
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 Which day is observed as Armed Forces Flag Day across all colleges in India?

Ans

- ☒ 1. 15th August
☒ 2. 11th December
☒ 3. 7th December
☒ 4. 16th November

Question ID : 9489117307

Option 1 ID : 94891129228

Option 2 ID : 94891129226

Option 3 ID : 94891129225

Option 4 ID : 94891129227

Status : Not Answered

Chosen Option : --

Q.2 What is the sum of the squares of all two-digit numbers each of which is completely divisible by 4?

- Ans
- ☐ 1. 78300
 - ☐ 2. 78324
 - ☒ 3. 78320
 - ☐ 4. 78220

Question ID : 9489116747

Option 1 ID : 94891126988

Option 2 ID : 94891126986

Option 3 ID : 94891126985

Option 4 ID : 94891126987

Status : Answered

Chosen Option : 3

Q.3 Raju is three as good as a workman as Vinod and together they can finish a task in 21 days. In how many days can Vinod alone complete the work?

- Ans
- ☐ 1. 76
 - ☒ 2. 84
 - ☐ 3. 78
 - ☐ 4. 28

Question ID : 9489116762

Option 1 ID : 94891127047

Option 2 ID : 94891127046

Option 3 ID : 94891127048

Option 4 ID : 94891127045

Status : Answered

Chosen Option : 2

Q.4 The Law of Gravitation was given by_____.

- Ans
- ☒ 1. Isaac Newton
 - ☐ 2. Charles Darwin
 - ☐ 3. Albert Einstein
 - ☐ 4. Galileo Galilei

Question ID : 9489117322

Option 1 ID : 94891129286

Option 2 ID : 94891129288

Option 3 ID : 94891129287

Option 4 ID : 94891129285

Status : Answered

Chosen Option : 1

Q.5 Which is the first element on the periodic table?

- Ans
- ☐ 1. Carbon dioxide
 - ☐ 2. Nitrogen
 - ☐ 3. Oxygen
 - ☒ 4. Hydrogen

Question ID : 9489117318

Option 1 ID : 94891129269

Option 2 ID : 94891129270

Option 3 ID : 94891129272

Option 4 ID : 94891129271

Status : Answered

Chosen Option : 4

Q.6 Read the given information and statements carefully and decide which option is True with respect to the information,

If a sum of money is lent at simple interest, then the:

Statements:

- 1. Money gets doubled in 6 years if the rate of interest is 16%.
- 2. Money gets doubled in 5 years if the rate of interest is 18%.

- Ans
- ☐ 1. Only statement 1 is correct
 - ☐ 2. Both statements 1 and 2 are correct
 - ☒ 3. Both statements 1 and 2 are incorrect
 - ☐ 4. Only statement 2 is correct

Question ID : 9489116759

Option 1 ID : 94891127033

Option 2 ID : 94891127035

Option 3 ID : 94891127036

Option 4 ID : 94891127034

Status : Answered

Chosen Option : 3

Q.7 If $a : b = 3 : 2$, then $(7a + 9b) : (5a + 7b) = ?$

- Ans
- ☒ 1. 39 : 29
 - ☐ 2. 19 : 39
 - ☐ 3. 29 : 39
 - ☐ 4. 29 : 19

Question ID : 9489116754

Option 1 ID : 94891127016

Option 2 ID : 94891127014

Option 3 ID : 94891127013

Option 4 ID : 94891127015

Status : Answered

Chosen Option : 1

Q.8 Which of these is NOT an Endocrine Gland?

- Ans
- ☐ 1. Adrenal
 - ☐ 2. Thyroid
 - ☐ 3. Pineal
 - ☒ 4. Salivary

Question ID : 9489117320

Option 1 ID : 94891129278

Option 2 ID : 94891129277

Option 3 ID : 94891129279

Option 4 ID : 94891129280

Status : Answered

Chosen Option : 3

Q.9 Sodium is a reactive metal, which if kept open reacts with _____ to explode and catch fire.

- Ans
- ☐ 1. hydrogen
 - ☐ 2. nitrogen
 - ☒ 3. oxygen
 - ☐ 4. phosphorus

Question ID : 9489117315

Option 1 ID : 94891129259

Option 2 ID : 94891129258

Option 3 ID : 94891129257

Option 4 ID : 94891129260

Status : Not Answered

Chosen Option : --

Q.10 The HCF of two numbers is 30 and the LCM is 2510. If one of the numbers is 210, then the other number is:

- Ans
- ☒ 1. 220
 - ☒ 2. 330
 - ☒ 3. 440
 - ☒ 4. 550

Question ID : 9489116745

Option 1 ID : 94891126977

Option 2 ID : 94891126978

Option 3 ID : 94891126979

Option 4 ID : 94891126980

Status : Answered

Chosen Option : 2

Q.11 In a triangle ABC, $\angle B = 90^\circ$, $\angle C = 45^\circ$ and D is the midpoint of AC. If $AC = 4\sqrt{2}$ units, then BD is:

- Ans
- ☒ 1. $2\sqrt{2}$ units
 - ☒ 2. $3\sqrt{2}$ units
 - ☒ 3. $4\sqrt{2}$ units
 - ☒ 4. $\sqrt{2}$ units

Question ID : 9489116769

Option 1 ID : 94891127075

Option 2 ID : 94891127074

Option 3 ID : 94891127073

Option 4 ID : 94891127076

Status : Answered

Chosen Option : 1

Q.12 Which of these hormones stimulates uterine contractions and dilation of the cervix?

- Ans
- ☒ 1. Progesterone
 - ☒ 2. Oxytocin
 - ☒ 3. Thyroxine
 - ☒ 4. ADH

Question ID : 9489117313

Option 1 ID : 94891129251

Option 2 ID : 94891129249

Option 3 ID : 94891129250

Option 4 ID : 94891129252

Status : Not Answered

Chosen Option : --

Q.13 The full form of IRDAI is:

Ans

☒ 1.

Insurance Regulation and Developmental Authority of India

☒ 2.

Irrigation and Rural Development Authority of India

☒ 3.

International Relations Development Authority of India

☒ 4.

Insurance Regulatory and Development Authority of India

Question ID : 9489117337

Option 1 ID : 94891129346

Option 2 ID : 94891129345

Option 3 ID : 94891129348

Option 4 ID : 94891129347

Status : Answered

Chosen Option : 4

Q.14 A alone can finish a job in 12 days, while B alone can finish it in 15 days. With the help of C, they can finish the same job in 5 days. If they are paid ₹2,880 for the whole job, what will be the share of C?

Ans

☒ 1.

₹760

☒ 2.

₹740

☒ 3.

₹700

☒ 4.

₹720

Question ID : 9489116761

Option 1 ID : 94891127044

Option 2 ID : 94891127043

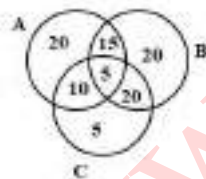
Option 3 ID : 94891127041

Option 4 ID : 94891127042

Status : Answered

Chosen Option : 4

Q.15 Circle A, B and C represents singers, dancers and actors respectively. The total number of these are 50, 60 and 40 respectively. What is the number of people who are both singers and dancers but are not actors?



Ans

☒ 1.

75

☒ 2.

5

☒ 3.

40

☒ 4.

15

Question ID : 9489117098

Option 1 ID : 94891128392

Option 2 ID : 94891128389

Option 3 ID : 94891128391

Option 4 ID : 94891128390

Status : Answered

Chosen Option : 4

Q.16 When did Bangladesh emerge as an independent country?

- Ans
- ☒ 1. 1975
 - ☒ 2. 1971
 - ☒ 3. 1970
 - ☒ 4. 1972

Question ID : 9489117330

Option 1 ID : 94891129320

Option 2 ID : 94891129318

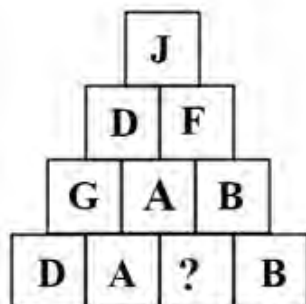
Option 3 ID : 94891129317

Option 4 ID : 94891129319

Status : Answered

Chosen Option : 2

Q.17 Which letter replaces the question mark in the given diagram?



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

Question ID : 9489117100

Option 1 ID : 94891128397

Option 2 ID : 94891128400

Option 3 ID : 94891128398

Option 4 ID : 94891128399

Status : Answered

Chosen Option : 2

Q.18 How will you write 8.17 hours in hours, minutes and seconds?

- Ans
- ☒ 1. 8 hours, 12 minutes
 - ☒ 2. 8 hours, 10 minutes, 7 seconds
 - ☒ 3. 8 hours, 10 minutes, 12 seconds
 - ☒ 4. 8 hours, 17 minutes

Question ID : 9489117095
 Option 1 ID : 94891128380
 Option 2 ID : 94891128379
 Option 3 ID : 94891128377
 Option 4 ID : 94891128378
 Status : Answered
 Chosen Option : 3

Q.19 Select an option that has the pair of letter clusters with same relation between the letter clusters as is seen in the following pair:

AFKP : ZUPK

- Ans
- ☒ 1. CHMR : WRMH
 - ☒ 2. BGLQ : YTOJ
 - ☒ 3. EJOT : VWXY
 - ☒ 4. DINS : XSNI

Question ID : 9489117074
 Option 1 ID : 94891128293
 Option 2 ID : 94891128294
 Option 3 ID : 94891128296
 Option 4 ID : 94891128295
 Status : Answered
 Chosen Option : 2

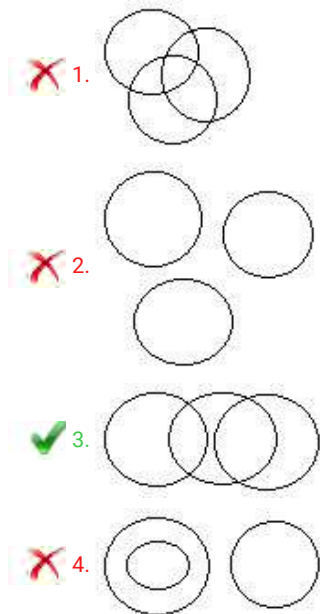
Q.20 If $x = \frac{\sqrt{3}}{2}$, then find the value of $\sqrt{1+x} + \sqrt{1-x}$.

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

Question ID : 9489116750
 Option 1 ID : 94891126999
 Option 2 ID : 94891127000
 Option 3 ID : 94891126997
 Option 4 ID : 94891126998
 Status : Not Answered
 Chosen Option : --

Q.21 Which of the following best depicts the relationship between Children, Adult, Tall?

Ans



Question ID : 9489117096

Option 1 ID : 94891128383

Option 2 ID : 94891128382

Option 3 ID : 94891128384

Option 4 ID : 94891128381

Status : Answered

Chosen Option : 3

Q.22 If $\sqrt{0.03 \times 0.3 \times p} = 0.3 \times 0.03 \times \sqrt{q}$, then $\frac{p}{q}$ is:

Ans

1. 0.09
2. 0.009
3. 0.0009
4. 0.9

Question ID : 9489116746

Option 1 ID : 94891126983

Option 2 ID : 94891126984

Option 3 ID : 94891126981

Option 4 ID : 94891126982

Status : Answered

Chosen Option : 2

Q.23 As per ministry of Road transport & Highways, National Highways carry ____ of India's total road traffic.

- Ans
- ☒ 1. 50%
 - ☒ 2. 30%
 - ☒ 3. 40%
 - ☒ 4. 60%

Question ID : 9489117340

Option 1 ID : 94891129359

Option 2 ID : 94891129357

Option 3 ID : 94891129358

Option 4 ID : 94891129360

Status : Not Answered

Chosen Option : --

Q.24 Which of the following is NOT a part of the alimentary canal of the human body?

- Ans
- ☒ 1. Rectum
 - ☒ 2. Trachea
 - ☒ 3. Pharynx
 - ☒ 4. Oesophagus

Question ID : 9489117316

Option 1 ID : 94891129262

Option 2 ID : 94891129264

Option 3 ID : 94891129261

Option 4 ID : 94891129263

Status : Not Answered

Chosen Option : --

Q.25 Find the value of $36 - 2(20 + 12 \div 4 \times 3 - 2 \times 2) + 10$.

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

Question ID : 9489116748

Option 1 ID : 94891126989

Option 2 ID : 94891126990

Option 3 ID : 94891126991

Option 4 ID : 94891126992

Status : Answered

Chosen Option : 1

Q.26 As of October 2020, Kristalina Georgieva is Managing Director of:

- Ans ☒ 1. International Monetary Fund
☐ 2. New Development Bank
☐ 3. United Nations
☐ 4. World Bank

Question ID : 9489117342

Option 1 ID : 94891129367

Option 2 ID : 94891129368

Option 3 ID : 94891129365

Option 4 ID : 94891129366

Status : Answered

Chosen Option : 4

Q.27 10 is the mean of a set of 7 observations and 5 is the mean of another set of 3 observations. The mean of the combined set is:

- Ans ☒ 1. 8.5
☐ 2. 7.5
☐ 3. 15
☐ 4. 10

Question ID : 9489116771

Option 1 ID : 94891127083

Option 2 ID : 94891127084

Option 3 ID : 94891127081

Option 4 ID : 94891127082

Status : Answered

Chosen Option : 1

Q.28 Who was the founder of the Forward Bloc party?

- Ans ☐ 1. Bipin Chandra Pal
☒ 2. Subhas Chandra Bose
☐ 3. Mahatma Gandhi
☐ 4. Sarat Chandra Bose

Question ID : 9489117332

Option 1 ID : 94891129328

Option 2 ID : 94891129325

Option 3 ID : 94891129327

Option 4 ID : 94891129326

Status : Answered

Chosen Option : 2

Q.29 If a and b are of the same sign and $(3a^2 - 8b^2) : (a^2 + 4b^2) = 2 : 1$, then $a : b = ?$

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

Question ID : 9489116760

Option 1 ID : 94891127040

Option 2 ID : 94891127039

Option 3 ID : 94891127038

Option 4 ID : 94891127037

Status : Answered

Chosen Option : 4

Q.30 Which of the following is NOT an economic grouping formed by different nations to strengthen their economies?

- Ans
- ☒ 1. G20
 - ☒ 2. SAARC
 - ☒ 3. G7
 - ☒ 4. L8

Question ID : 9489117341

Option 1 ID : 94891129362

Option 2 ID : 94891129363

Option 3 ID : 94891129361

Option 4 ID : 94891129364

Status : Answered

Chosen Option : 4

Q.31 How many types of Indian river systems are there?

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

Question ID : 9489117319

Option 1 ID : 94891129276

Option 2 ID : 94891129274

Option 3 ID : 94891129273

Option 4 ID : 94891129275

Status : Not Answered

Chosen Option : --

Q.32 On 25 April 1945, _____ governments met in San Francisco for a conference and started drafting the UN Charter.

- Ans
- ☒ 1. 45
 - ☒ 2. 60
 - ☒ 3. 25
 - ☒ 4. 50

Question ID : 9489117338

Option 1 ID : 94891129350

Option 2 ID : 94891129351

Option 3 ID : 94891129352

Option 4 ID : 94891129349

Status : Not Answered

Chosen Option : --

Q.33 If $a + b + c = 3$, $a^2 + b^2 + c^2 = 6$

and $\frac{1}{a} + \frac{1}{b} + \frac{1}{c} = 1$, where a, b and c $\neq 0$, then abc = ?

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

Question ID : 9489116766

Option 1 ID : 94891127061

Option 2 ID : 94891127064

Option 3 ID : 94891127062

Option 4 ID : 94891127063

Status : Answered

Chosen Option : 4

Q.34 Which of the following pigments are responsible to determine the colours of fruits and vegetables?

- Ans
- ☒ 1. Hemocyanine
 - ☒ 2. Anthocyanins
 - ☒ 3. Indocyanine
 - ☒ 4. Merocyanine

Question ID : 9489117321

Option 1 ID : 94891129281

Option 2 ID : 94891129284

Option 3 ID : 94891129282

Option 4 ID : 94891129283

Status : Not Answered

Chosen Option : --

Q.35 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements: All girls are pretty.

X is pretty.

Conclusions: I. X is a girl.

II. All pretty people are girls.

- Ans ☒ 1. Neither I nor II follows
☐ 2. Both the conclusions follow
☐ 3. Only conclusion II follows
☐ 4. Only conclusion I follows

Question ID : 9489117081
Option 1 ID : 94891128323
Option 2 ID : 94891128324
Option 3 ID : 94891128322
Option 4 ID : 94891128321
Status : Answered
Chosen Option : 1

Q.36 The novel : 'A Prime Minister to Remember' was written by:

- Ans ☐ 1. Arundhati Roy
☐ 2. Tavleen Singh
☒ 3. Admiral Sushil Kumar
☐ 4. Bipin Chandra Pal

Question ID : 9489117325
Option 1 ID : 94891129298
Option 2 ID : 94891129300
Option 3 ID : 94891129297
Option 4 ID : 94891129299
Status : Not Answered
Chosen Option : --

Q.37 A new dimension added by Amartya Sen to food security is:

- Ans ☒ 1. entitlements
☐ 2. affordability
☐ 3. availability of food
☐ 4. sustainable livelihoods

Question ID : 9489117343
Option 1 ID : 94891129371
Option 2 ID : 94891129370
Option 3 ID : 94891129369
Option 4 ID : 94891129372
Status : Not Answered
Chosen Option : --

Q.38 Read the given information and statements carefully and decide which option is correct with respect to the statements.

If a circle has a radius (r), area (A) and circumference (C), then:

Statements:

1. $A : C^2 = 1 : 4\pi$

2. $A : C = r : 2$

Ans

- ☒ 1. Only statement 2 is true.
- ☒ 2. Both statements 1 and 2 are false.
- ☒ 3. Only statement 1 is true.
- ☒ 4. Both statements 1 and 2 are true.

Question ID : 9489116767

Option 1 ID : 94891127066

Option 2 ID : 94891127068

Option 3 ID : 94891127065

Option 4 ID : 94891127067

Status : Answered

Chosen Option : 4

Q.39 The latest Mid day meal guidelines prescribe the nutritional content of _____ calories per child per day for primary classes.

Ans

- ☒ 1. 345
- ☒ 2. 300
- ☒ 3. 475
- ☒ 4. 450

Question ID : 9489117336

Option 1 ID : 94891129343

Option 2 ID : 94891129342

Option 3 ID : 94891129341

Option 4 ID : 94891129344

Status : Answered

Chosen Option : 4

Q.40 The capital required to earn a monthly interest of ₹1,500 at 12% per annum simple interest is:

Ans

- ☒ 1. ₹1 lakh
- ☒ 2. ₹1.5 lakhs
- ☒ 3. ₹25 lakhs
- ☒ 4. ₹15 lakhs

Question ID : 9489116756

Option 1 ID : 94891127021

Option 2 ID : 94891127022

Option 3 ID : 94891127024

Option 4 ID : 94891127023

Status : Answered

Chosen Option : 2

Q.41 Which is the most traded-around currency of the world?

- Ans
- ☒ 1. INR
 - ☒ 2. USD
 - ☒ 3. Euro
 - ☒ 4. Dinar

Question ID : 9489117317
 Option 1 ID : 94891129265
 Option 2 ID : 94891129266
 Option 3 ID : 94891129268
 Option 4 ID : 94891129267

Status : Answered
 Chosen Option : 2

Q.42 Read the given statements carefully and decide which option is correct with respect to the statements.

Statements:

1. In any triangle, the concurrent point of medians is a centroid.
2. In any triangle, the concurrent point of altitudes is an orthocentre.
3. In any triangle, the concurrent point of internal angular bisectors is an in-centre.

- Ans
- ☒ 1. Only statement 3 is correct.
 - ☒ 2. Only statement 2 is correct.
 - ☒ 3. All statements 1, 2 and 3 are correct.
 - ☒ 4. Only statement 1 is correct.

Question ID : 9489116770
 Option 1 ID : 94891127079
 Option 2 ID : 94891127078
 Option 3 ID : 94891127080
 Option 4 ID : 94891127077

Status : Answered
 Chosen Option : 3

Q.43 A and B start driving simultaneously from point X and go towards point Y. X and Y are 60 km apart. A's speed is 4 km/h less than that of B. B, after reaching Y, returns and meets A at a point 12 km away from Y. Find the speed of A.

- Ans
- ☒ 1. 16 km/h
 - ☒ 2. 20 km/h
 - ☒ 3. 8 km/h
 - ☒ 4. 12 km/h

Question ID : 9489116763
 Option 1 ID : 94891127050
 Option 2 ID : 94891127049
 Option 3 ID : 94891127052
 Option 4 ID : 94891127051

Status : Answered
 Chosen Option : 3

Q.44 Who said the following words: 'Indian nationalism is an elite phenomenon, a creation of lawyers and doctors and landlords'.

Ans

- ☒ 1. Sardar Vallabhbhai Patel
- ☒ 2. Pt Jawahar Lal Nehru
- ☒ 3. Mahatma Gandhi
- ☒ 4. Rajendra Prasad

Question ID : 9489117331

Option 1 ID : 94891129324

Option 2 ID : 94891129321

Option 3 ID : 94891129322

Option 4 ID : 94891129323

Status : Not Answered

Chosen Option : --

Q.45 If $x^3 + y^3 = 36$ and $x + y = 6$, then $\frac{1}{x} + \frac{1}{y} = ?$

Ans

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

Question ID : 9489116765

Option 1 ID : 94891127058

Option 2 ID : 94891127059

Option 3 ID : 94891127057

Option 4 ID : 94891127060

Status : Answered

Chosen Option : 4

Q.46 The institution responsible for construction and maintenance of India's highways is:

Ans

- ☒ 1. Transport Authority of India
- ☒ 2. National Roads Safety Authority
- ☒ 3. Highway Association of India
- ☒ 4. National Highway Authority of India

Question ID : 9489117339

Option 1 ID : 94891129353

Option 2 ID : 94891129355

Option 3 ID : 94891129354

Option 4 ID : 94891129356

Status : Answered

Chosen Option : 4

Q.47

The value of $\frac{0.3^4 - 0.2^4}{0.3^2 + 0.2^2}$ is:

Ans

☒ 1. 0.05

☐ 2. 0.15

☐ 3. 0.51

☐ 4. 0.5

Question ID : 9489116751

Option 1 ID : 94891127004

Option 2 ID : 94891127002

Option 3 ID : 94891127003

Option 4 ID : 94891127001

Status : Answered

Chosen Option : 1

Q.48

In which year will India host the G20 Summit?

Ans

☐ 1. 2027

☐ 2. 2022

☐ 3. 2025

☒ 4. 2023

Question ID : 9489117309

Option 1 ID : 94891129236

Option 2 ID : 94891129233

Option 3 ID : 94891129235

Option 4 ID : 94891129234

Status : Not Answered

Chosen Option : --

Q.49

Which of these is NOT a part of the MS Office Suite?

Ans

☐ 1. PowerPoint

☒ 2. Projects

☐ 3. Excel

☐ 4. Word

Question ID : 9489117335

Option 1 ID : 94891129338

Option 2 ID : 94891129340

Option 3 ID : 94891129337

Option 4 ID : 94891129339

Status : Answered

Chosen Option : 2

Q.50 If A and C interchange their places, B and D interchange their places, E and G interchange their places and so on for rest of the letters in the alphabet, then which letter will be 5th to the left of Q?

- Ans
- ☒ 1. T
 - ☒ 2. R
 - ☒ 3. F
 - ☒ 4. H

Question ID : 9489117103

Option 1 ID : 94891128411

Option 2 ID : 94891128412

Option 3 ID : 94891128409

Option 4 ID : 94891128410

Status : Answered

Chosen Option : 3

Q.51 The World Hindi day is celebrated annually on _____.

- Ans
- ☒ 1. 10th April
 - ☒ 2. 10th March
 - ☒ 3. 10th September
 - ☒ 4. 10th January

Question ID : 9489117308

Option 1 ID : 94891129231

Option 2 ID : 94891129230

Option 3 ID : 94891129232

Option 4 ID : 94891129229

Status : Answered

Chosen Option : 3

Q.52 Each side of an equilateral triangle is $3\sqrt{3}$ cm. Find the altitude of the triangle.

- Ans
- ☒ 1. 5.5 cm
 - ☒ 2. 4 cm
 - ☒ 3. 4.5 cm
 - ☒ 4. 5 cm

Question ID : 9489116764

Option 1 ID : 94891127056

Option 2 ID : 94891127053

Option 3 ID : 94891127054

Option 4 ID : 94891127055

Status : Answered

Chosen Option : 3

Q.53 If $\sin 2A = \cos 75^\circ$, then the smallest positive value of A is:

- Ans
- ☒ 1. 7.5°
 - ☐ 2. 30°
 - ☐ 3. 15°
 - ☐ 4. 75°

Question ID : 9489116768

Option 1 ID : 94891127070

Option 2 ID : 94891127072

Option 3 ID : 94891127069

Option 4 ID : 94891127071

Status : Answered

Chosen Option : 1

Q.54 Name the elements that are required for Photosynthesis.

- Ans
- ☐ 1. Oxygen, water and light
 - ☒ 2. Carbon dioxide, water and sunlight
 - ☐ 3. Sunlight, chlorophyll and water
 - ☐ 4. Water, oxygen and sunlight

Question ID : 9489117312

Option 1 ID : 94891129247

Option 2 ID : 94891129248

Option 3 ID : 94891129246

Option 4 ID : 94891129245

Status : Answered

Chosen Option : 2

Q.55 Four terms have been given in options, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. 9IH
 - ☐ 2. 11KP
 - ☐ 3. 13MN
 - ☐ 4. 3CX

Question ID : 9489117088

Option 1 ID : 94891128351

Option 2 ID : 94891128352

Option 3 ID : 94891128350

Option 4 ID : 94891128349

Status : Answered

Chosen Option : 1

Q.56 The LCM of 4, 6 and x CANNOT be:

- Ans
- ☒ 1. 24
 - ☒ 2. 36
 - ☒ 3. 18
 - ☒ 4. 60

Question ID : 9489116752

Option 1 ID : 94891127005

Option 2 ID : 94891127006

Option 3 ID : 94891127007

Option 4 ID : 94891127008

Status : Answered

Chosen Option : 3

Q.57 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statement:

"My husband will drive me to the Hudson Shopping Mall because my hand is not in a healthy condition to drive our car", X told Y.

Conclusions:

- I. X will not go to Hudson Shopping Mall walking.
- II. X is married.
- III. Y is married.
- IV. X knows how to drive a car.

- Ans
- ☒ 1. Only conclusions I, II and IV follow
 - ☒ 2. Only conclusions I and II follow
 - ☒ 3. Only conclusions II and IV follow
 - ☒ 4. Only conclusions II, III and IV follow

Question ID : 9489117082

Option 1 ID : 94891128326

Option 2 ID : 94891128325

Option 3 ID : 94891128328

Option 4 ID : 94891128327

Status : Answered

Chosen Option : 3

Q.58 Which of the following fishes has no head, bone, eyes or nose?

- Ans
1. Jellyfish
 2. Alaska fish
 3. Cat fish
 4. Starfish

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 9489117314

Option 1 ID : 94891129255

Option 2 ID : 94891129254

Option 3 ID : 94891129256

Option 4 ID : 94891129253

Status : Not Answered

Chosen Option : --

Q.59 As of October 2020, Mr. Shashi Shankar is the Chief Managing Director of:

- Ans
- ☒ 1. Hindustan Petroleum
 - ☒ 2. GAIL India
 - ☒ 3. ONGC
 - ☒ 4. OIL India

Question ID : 9489117328

Option 1 ID : 94891129311

Option 2 ID : 94891129309

Option 3 ID : 94891129310

Option 4 ID : 94891129312

Status : Not Answered

Chosen Option : --

Q.60 The first Indian woman to win a gold in World Universiade in 2019 is:

- Ans
- ☒ 1. Dutee Chand
 - ☒ 2. Sania Mirza
 - ☒ 3. Saina Nehwal
 - ☒ 4. Mary Kom

Question ID : 9489117329

Option 1 ID : 94891129315

Option 2 ID : 94891129313

Option 3 ID : 94891129316

Option 4 ID : 94891129314

Status : Answered

Chosen Option : 4

Q.61 Mb in computer language is the abbreviation of which of the following?

- Ans
- ☐ 1. Megabyte
 - ☐ 2. Masterboot
 - ☐ 3. Megaboast
 - ☒ 4. Megabit

Question ID : 9489117334

Option 1 ID : 94891129333

Option 2 ID : 94891129335

Option 3 ID : 94891129336

Option 4 ID : 94891129334

Status : Answered

Chosen Option : 1

Q.62 A boy read three-eighth of a book on one day and four-fifth of the remainder of the book on the next day. If 45 pages still remain unread, how many pages does the book contain?

- Ans
- ☐ 1. 380
 - ☐ 2. 330
 - ☒ 3. 360
 - ☐ 4. 340

Question ID : 9489116753

Option 1 ID : 94891127012

Option 2 ID : 94891127009

Option 3 ID : 94891127011

Option 4 ID : 94891127010

Status : Answered

Chosen Option : 3

Q.63 Who is known as the 'father of nuclear physics'?

- Ans
- ☐ 1. James Watt
 - ☐ 2. Isaac Newton
 - ☒ 3. E Rutherford
 - ☐ 4. JJ Thomson

Question ID : 9489117333

Option 1 ID : 94891129332

Option 2 ID : 94891129331

Option 3 ID : 94891129330

Option 4 ID : 94891129329

Status : Answered

Chosen Option : 3

Q.64 If the compound interest on a certain sum of money for 3 years at 5% per annum is ₹3,783, then what would be the simple interest on the same sum of money for the same period and at the same rate?

- Ans
- ☒ 1. ₹3,600
 - ☐ 2. ₹3,400
 - ☐ 3. ₹3,440
 - ☐ 4. ₹3,680

Question ID : 9489116758

Option 1 ID : 94891127029

Option 2 ID : 94891127031

Option 3 ID : 94891127032

Option 4 ID : 94891127030

Status : Not Answered

Chosen Option : --

Q.65 Who won the Jnanpith Award 2018 – The highest Literary Honour in India?

- Ans
- ☒ 1. Amitav Ghosh
 - ☐ 2. Arundhati Roy
 - ☐ 3. Upmanyu Chatterjee
 - ☐ 4. Rana Dasgupta

Question ID : 9489117327

Option 1 ID : 94891129305

Option 2 ID : 94891129306

Option 3 ID : 94891129307

Option 4 ID : 94891129308

Status : Answered

Chosen Option : 1

Q.66 There are five siblings: Raj, Rohan, Ram, Ritika and Rani. All of the siblings have different heights. Raj's height is more than that of only one sibling. Rohan's height is more than that of Raj and Ritika but not more than that of Ram. Ritika's height is more than that of Raj. Ram is not the shortest. Who is the shortest among them?

- Ans
- ☐ 1. Ritika
 - ☒ 2. Rani
 - ☐ 3. Ram
 - ☐ 4. Raj

Question ID : 9489117101

Option 1 ID : 94891128404

Option 2 ID : 94891128401

Option 3 ID : 94891128403

Option 4 ID : 94891128402

Status : Answered

Chosen Option : 2

Q.67 The Union Government has appointed _____ as the chairperson of an empowered committee for the administration of Covid-19 vaccine.

- Ans
- ☒ 1. Piyush Goyal
 - ☒ 2. R S Sharma
 - ☒ 3. Rajiv Kumar
 - ☒ 4. Amit Shah

Question ID : 9489117304

Option 1 ID : 94891129213

Option 2 ID : 94891129215

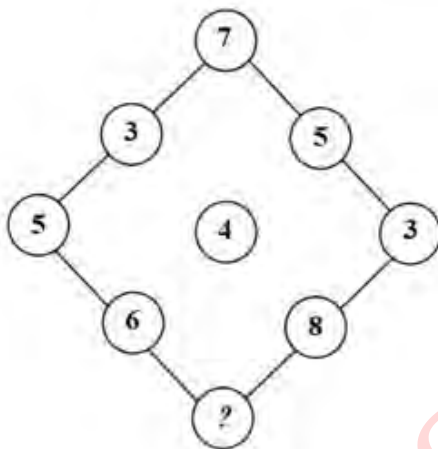
Option 3 ID : 94891129216

Option 4 ID : 94891129214

Status : Answered

Chosen Option : 2

Q.68 What is the missing number in the given diagram?



- Ans
- ☒ 1. 6
 - ☒ 2. 4
 - ☒ 3. 8
 - ☒ 4. 5

Question ID : 9489117099

Option 1 ID : 94891128395

Option 2 ID : 94891128394

Option 3 ID : 94891128393

Option 4 ID : 94891128396

Status : Answered

Chosen Option : 2

Q.69 Which team won the Women's FIFA Football World Cup in 2019?

- Ans ☒ 1. US
☐ 2. China
☐ 3. India
☐ 4. New Zealand

Question ID : 9489117311

Option 1 ID : 94891129243

Option 2 ID : 94891129242

Option 3 ID : 94891129241

Option 4 ID : 94891129244

Status : Not Answered

Chosen Option : --

Q.70 India Water Impact Summit 2019 was held in which city/state?

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

Question ID : 9489117305

Option 1 ID : 94891129220

Option 2 ID : 94891129219

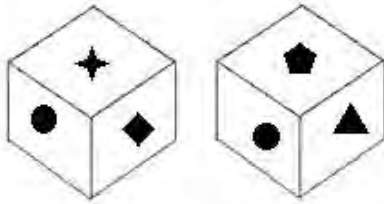
Option 3 ID : 94891129218

Option 4 ID : 94891129217

Status : Not Answered

Chosen Option : --

Q.71 Two positions of a rotated cube are shown below.



Which shape will be at the bottom, when '●' is on the top?

- Ans
- ☒ 1. ▲
 - ☒ 2. ◆
 - ☒ 3. ⬠
 - ☒ 4. ■

Question ID : 9489117102

Option 1 ID : 94891128408

Option 2 ID : 94891128405

Option 3 ID : 94891128406

Option 4 ID : 94891128407

Status : Answered

Chosen Option : 4

Q.72 If $A + B = 45^\circ$, then $(1 + \tan A)(1 + \tan B) = ?$

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

Question ID : 9489116772

Option 1 ID : 94891127088

Option 2 ID : 94891127085

Option 3 ID : 94891127086

Option 4 ID : 94891127087

Status : Answered

Chosen Option : 3

Q.73 Which International tennis player was fined for 510,000 for damaging the Wimbledon court in 2019?

- Ans
- ☒ 1. Naomi Osaka
 - ☒ 2. Roger Federer
 - ☒ 3. Serena Williams
 - ☒ 4. Rafael Nadal

Question ID : 9489117310

Option 1 ID : 94891129239

Option 2 ID : 94891129240

Option 3 ID : 94891129238

Option 4 ID : 94891129237

Status : Not Answered

Chosen Option : --

Q.74 What is the speed of sound in air?

- Ans
- ☒ 1. 343 m/sec
 - ☒ 2. 373 m/sec
 - ☒ 3. 434 m/sec
 - ☒ 4. 383 m/sec

Question ID : 9489117324

Option 1 ID : 94891129296

Option 2 ID : 94891129294

Option 3 ID : 94891129295

Option 4 ID : 94891129293

Status : Answered

Chosen Option : 1

Q.75 Mohith purchased a cooker at nine-tenth of its marked price and sold it for 8% more than its marked price. Find the gain percentage.

- Ans
- ☒ 1. 16%
 - ☒ 2. 14%
 - ☒ 3. 10%
 - ☒ 4. 20%

Question ID : 9489116757

Option 1 ID : 94891127027

Option 2 ID : 94891127026

Option 3 ID : 94891127025

Option 4 ID : 94891127028

Status : Answered

Chosen Option : 4

Q.76 The first nationalistic revolutionary movement in British India emerged from _____.

- Ans
- ☒ 1. Bengal
 - ☐ 2. Maharashtra
 - ☐ 3. Tamil Nadu
 - ☐ 4. Punjab

Question ID : 9489117323

Option 1 ID : 94891129289

Option 2 ID : 94891129291

Option 3 ID : 94891129290

Option 4 ID : 94891129292

Status : Answered

Chosen Option : 1

Q.77 Three statements are given followed by two conclusions I and II. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusion(s) logically follows/follow from the given statements.

Statements : 1. All Trees are Flowers.

2. No Flower is Plant.

3. Some Plants are Roots.

Conclusion I : Some Roots are Trees.

II : Some Plants are Trees.

- Ans
- ☐ 1. Only conclusion II follows.
 - ☐ 2. Only conclusion I follows.
 - ☒ 3. Neither conclusion I nor II follow.
 - ☐ 4. Both the conclusions follow.

Question ID : 9489117079

Option 1 ID : 94891128316

Option 2 ID : 94891128313

Option 3 ID : 94891128314

Option 4 ID : 94891128315

Status : Answered

Chosen Option : 3

Q.78 If the sign + is interchanged with - and the number 9 is interchanged with 6, then which of the following four equations would be correct?

- Ans
- ☐ 1. $4 - 9 + 5 = 1$
 - ☐ 2. $6 - 9 + 4 = 1$
 - ☐ 3. $6 - 9 + 7 = 1$
 - ☒ 4. $9 + 6 - 4 = 1$

Question ID : 9489117083

Option 1 ID : 94891128329

Option 2 ID : 94891128332

Option 3 ID : 94891128330

Option 4 ID : 94891128331

Status : Answered

Chosen Option : 4

Q.79 If $\cos 42^\circ = p$, then $\tan 48^\circ = ?$

Ans

- ☒ 1. $\frac{\sqrt{1-p^2}}{p}$
- ☒ 2. $\frac{p}{\sqrt{1-p^2}}$
- ☒ 3. $\frac{p+1}{\sqrt{1-p^2}}$
- ☒ 4. $\frac{p^2}{\sqrt{1-p^2}}$

Question ID : 9489116773

Option 1 ID : 94891127089

Option 2 ID : 94891127090

Option 3 ID : 94891127091

Option 4 ID : 94891127092

Status : Answered

Chosen Option : 2

Q.80 The reciprocal of the sum of the reciprocals of $\frac{5}{7}$ and $\frac{9}{5}$ is:

Ans

- ☒ 1. $\frac{88}{35}$
- ☒ 2. $\frac{88}{45}$
- ☒ 3. $\frac{45}{88}$
- ☒ 4. $\frac{35}{88}$

Question ID : 9489116744

Option 1 ID : 94891126973

Option 2 ID : 94891126976

Option 3 ID : 94891126975

Option 4 ID : 94891126974

Status : Answered

Chosen Option : 3

Q.81 What does the Prasad Scheme of the Central Government focus on?

- Ans
- ☒ 1. Development of dams
 - ☒ 2. Road safety
 - ☒ 3. Panchayat Associations of India
 - ☒ 4. Development of pilgrimage destinations

Question ID : 9489117306

Option 1 ID : 94891129222

Option 2 ID : 94891129224

Option 3 ID : 94891129223

Option 4 ID : 94891129221

Status : Answered

Chosen Option : 4

Q.82 ₹200 was invested for 2 years on 10% compound interest per year. If the rate of interest had been 20%, then how much more would the investor have received as interest for the same period?

- Ans
- ☒ 1. ₹46
 - ☒ 2. ₹40
 - ☒ 3. ₹44
 - ☒ 4. ₹48

Question ID : 9489116755

Option 1 ID : 94891127019

Option 2 ID : 94891127017

Option 3 ID : 94891127018

Option 4 ID : 94891127020

Status : Answered

Chosen Option : 1

Q.83 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements: All girls in my class are talented.

Urmila has no talent.

Conclusion I. Urmila is not among the girls in my class.

Conclusion II. Urmila must find a talent.

- Ans
- ☒ 1. Neither I nor II follows
 - ☒ 2. Both the conclusions follow
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Only conclusion II follows

Question ID : 9489117075

Option 1 ID : 94891128299

Option 2 ID : 94891128300

Option 3 ID : 94891128297

Option 4 ID : 94891128298

Status : Answered

Chosen Option : 3

Q.84

Find the HCF of $\frac{3}{2}$, $\frac{9}{8}$, $\frac{81}{16}$, and $\frac{27}{10}$.

Ans

- ☒ 1. $\frac{2}{81}$
- ☒ 2. $\frac{1}{40}$
- ☒ 3. $\frac{80}{3}$
- ☒ 4. $\frac{3}{80}$

Question ID : 9489116749

Option 1 ID : 94891126994

Option 2 ID : 94891126995

Option 3 ID : 94891126996

Option 4 ID : 94891126993

Status : Answered

Chosen Option : 4

Q.85

As of December 2020, who is the Lieutenant Governor of Jammu and Kashmir?

Ans

- ☒ 1. Manoj Sinha
- ☒ 2. Ram Madhav
- ☒ 3. Satya pal Malik
- ☒ 4. Arif Mohammad Khan

Question ID : 9489117326

Option 1 ID : 94891129302

Option 2 ID : 94891129303

Option 3 ID : 94891129301

Option 4 ID : 94891129304

Status : Answered

Chosen Option : 1

Q.86 The following table shows the marks obtained by two students P and Q in different subjects

Subject	Student P	Maximum Marks	Student Q	Maximum Marks
Physics	50	100	65	100
Chemistry	85	100	90	100
Biology	55	100	50	100
Hindi	40	50	45	50

What is the approximate difference in the aggregate percentages of P and Q?

- Ans
- ☐ 1. 7%
 - ☐ 2. 10%
 - ☒ 3. 6%
 - ☐ 4. 9%

Question ID : 9489117089

Option 1 ID : 94891128356

Option 2 ID : 94891128353

Option 3 ID : 94891128354

Option 4 ID : 94891128355

Status : Answered

Chosen Option : 3

Q.87 Below graph represents number of Bikes sold over a period of seven months. Observe the graph and answer the question given below.



Which of the following months individually accounts for the total sales in any of the other three months put together?

- Ans
- ☐ 1. Only July
 - ☒ 2. June and July
 - ☐ 3. May, June and July
 - ☐ 4. January, March and April

Question ID : 9489117090

Option 1 ID : 94891128358

Option 2 ID : 94891128357

Option 3 ID : 94891128359

Option 4 ID : 94891128360

Status : Answered

Chosen Option : 2

Q.88 Study the following table carefully to answer the question.

Expenditure (in million ₹) of a company A over the years

Items of expenditure	Year			
	2012	2013	2014	2015
Salary	140	112	200	237
Transport	48	46	75	81
Insurance	25	18	14	31
Taxes	4	5.5	2	8.5

What is the ratio between the expenditure on taxes in the year 2014 to the total expenditure on transport for all the years respectively?

- Ans
- ☒ 1. 1 : 133.5
 - ☒ 2. 1 : 130.5
 - ☐ 3. 1 : 135.5
 - ☐ 4. 1 : 131.5

Question ID : 9489117091

Option 1 ID : 94891128364

Option 2 ID : 94891128362

Option 3 ID : 94891128363

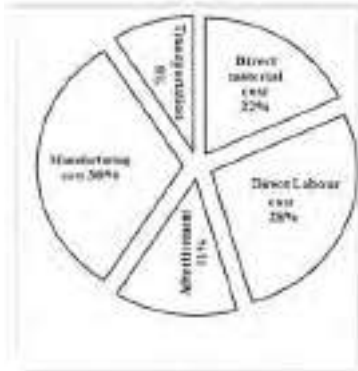
Option 4 ID : 94891128361

Status : Answered

Chosen Option : 2

Q.89

The following pie-chart shows the percentage distribution of the expenditure incurred in manufacturing a ceiling fan. Study the pie-chart and answer the question.



If 10,000 ceiling fans are manufactured and the transportation cost on them amounts to ₹36,000, then what should the selling price of each ceiling fan be, so that the manufacturer can earn a profit of 50%?

Ans

- ☒ 1. ₹40
- ☒ 2. ₹75
- ☒ 3. ₹50
- ☒ 4. ₹60

Question ID : 9489117092

Option 1 ID : 94891128365

Option 2 ID : 94891128366

Option 3 ID : 94891128368

Option 4 ID : 94891128367

Status : Answered

Chosen Option : 4

Q.90

If I is J's maternal uncle, K's son, M's only sibling, L's father and N's nephew, how is M related to J?

Ans

- ☒ 1. Mother
- ☒ 2. Father
- ☒ 3. Cousin
- ☒ 4. Aunt

Question ID : 9489117080

Option 1 ID : 94891128319

Option 2 ID : 94891128318

Option 3 ID : 94891128320

Option 4 ID : 94891128317

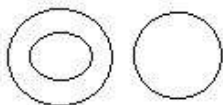
Status : Answered

Chosen Option : 1

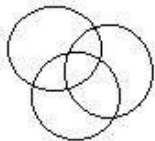
Q.91 Which of the following best depicts the relationship between Tiger, Tiger shark, Fish?

Ans

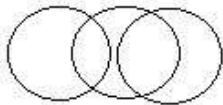
✓ 1.



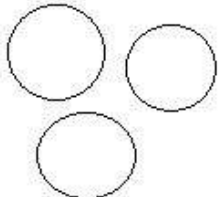
✗ 2.



✗ 3.



✗ 4.



Question ID : 9489117097

Option 1 ID : 94891128385

Option 2 ID : 94891128387

Option 3 ID : 94891128388

Option 4 ID : 94891128386

Status : Answered

Chosen Option : 4

Q.92 Select the option that will fill in the blank and complete the series correctly.

BAC, QRP, EDF, TUS, _____

Ans

✗ 1. WVX

✗ 2. HIG

✓ 3. HGI

✗ 4. FGE

Question ID : 9489117085

Option 1 ID : 94891128339

Option 2 ID : 94891128338

Option 3 ID : 94891128337

Option 4 ID : 94891128340

Status : Answered

Chosen Option : 3

Q.93 If the English alphabet is given in reverse order, then what is the 12th letter to the right of O?

- Ans
- ☒ 1. C
 - ☐ 2. A
 - ☐ 3. B
 - ☐ 4. E

Question ID : 9489117084

Option 1 ID : 94891128335

Option 2 ID : 94891128334

Option 3 ID : 94891128336

Option 4 ID : 94891128333

Status : Answered

Chosen Option : 1

Q.94 Select the option that is different from the rest in a certain way.

- Ans
- ☐ 1. Surat
 - ☐ 2. Rajkot
 - ☒ 3. Gujarat
 - ☐ 4. Ahmedabad

Question ID : 9489117093

Option 1 ID : 94891128372

Option 2 ID : 94891128369

Option 3 ID : 94891128370

Option 4 ID : 94891128371

Status : Answered

Chosen Option : 2

Q.95 Select the option that is different from the rest in a certain way.

- Ans
- ☐ 1. Legislature
 - ☐ 2. Executive
 - ☐ 3. Judiciary
 - ☒ 4. Army

Question ID : 9489117094

Option 1 ID : 94891128373

Option 2 ID : 94891128374

Option 3 ID : 94891128375

Option 4 ID : 94891128376

Status : Answered

Chosen Option : 4

Q.96 Which of the following numbers given in options will replace the question mark in the third diagram?



- Ans
- ☒ 1. 14
 - ☒ 2. 23
 - ☒ 3. 20
 - ☒ 4. 26

Question ID : 9489117086

Option 1 ID : 94891128341

Option 2 ID : 94891128343

Option 3 ID : 94891128344

Option 4 ID : 94891128342

Status : Not Answered

Chosen Option : --

Q.97 Select the option that is related to the third number in the same way as the second number is related to the first number.

4704 : 336 :: 2500 : ?

- Ans
- ☒ 1. 188
 - ☒ 2. 158
 - ☒ 3. 185
 - ☒ 4. 180

Question ID : 9489117087

Option 1 ID : 94891128348

Option 2 ID : 94891128345

Option 3 ID : 94891128346

Option 4 ID : 94891128347

Status : Answered

Chosen Option : 3

Q.98 If 'SKIRT' is coded as 'MECLN', how will 'BLOUSE' be written using the same coding language?

- Ans
- ☒ 1. VFMOIY
 - ☒ 2. VFOMIY
 - ☒ 3. VFIOY
 - ☒ 4. VFIMOY

Question ID : 9489117077

Option 1 ID : 94891128305

Option 2 ID : 94891128307

Option 3 ID : 94891128308

Option 4 ID : 94891128306

Status : Answered

Chosen Option : 4

Q.99 If 'HOTEL' is coded as 'CJOZG', how will 'HONOR' be written using the same coding language?

- Ans
- ☒ 1. CJPJU
 - ☒ 2. CJJM
 - ☒ 3. CJKJO
 - ☒ 4. CJJN

Question ID : 9489117076

Option 1 ID : 94891128304

Option 2 ID : 94891128301

Option 3 ID : 94891128303

Option 4 ID : 94891128302

Status : Answered

Chosen Option : 2

Q.100 In a certain code language MEN is coded as 9 and WOMEN is coded as 25, then, which of the following will be the code for CHILDREN in that language?

- Ans
- ☒ 1. 72
 - ☒ 2. 36
 - ☒ 3. 48
 - ☒ 4. 64

Question ID : 9489117078

Option 1 ID : 94891128312

Option 2 ID : 94891128309

Option 3 ID : 94891128310

Option 4 ID : 94891128311

Status : Not Answered

Chosen Option : --