

PART - 1



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

Participant ID	
Participants Name:	
Test Center Name:	
Test Date:	27/11/2018
Test Time:	9:00 AM - 10:30 AM
Subject:	Level 1

1. Options shown in green color with a tick icon are correct

2. Chosen option on top right of the question indicates the option selected by the candidate

3. The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 Find the odd figure among the given options.

- Ans ☒ 1. $\tan 45^\circ$
☒ 2. $\cos 0^\circ$
☒ 3. $\sec 30^\circ$
☒ 4. $\sin 90^\circ$

Question ID :6789136345
 Option 1 ID :67891325379
 Option 2 ID :67891325378
 Option 3 ID :67891325380
 Option 4 ID :67891325377
 Status :Answered

Chosen Option :3

Q.2 Magnitude of displacement from initial position to final position is the:

- Ans 1. straight line
 2. total distance
 3. circle
 4. curved lines

Question ID :6789136359
 Option 1 ID :67891325436
 Option 2 ID :67891325435
 Option 3 ID :67891325434
 Option 4 ID :67891325433
 Status :Answered

Chosen Option :1

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

Q.3 What is the square root of 41616?

- Ans ☒ 1. 196
☒ 2. 204
☒ 3. 214
☒ 4. 194

Question ID :6789136304
 Option 1 ID :67891325215
 Option 2 ID :67891325213
 Option 3 ID :67891325214
 Option 4 ID :67891325216
 Status :Answered

Chosen Option :2

Q.4 Given that

$$\tan(A + B) = \frac{\tan A + \tan B}{1 - \tan A \tan B}, \text{ what is the value of } \tan 75^\circ?$$

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

Question ID :6789136322
 Option 1 ID :67891325285
 Option 2 ID :67891325288
 Option 3 ID :67891325286
 Option 4 ID :67891325287
 Status :Answered

Chosen Option :1

Q.5 A sum of money was divided between Ethane and Jane in the ratio 4 : 7. If Jane gave ₹ 1 to Ethane, the ratio would have changed to 7 : 12. What is the sum of money in question?

- Ans ☒ 1. ₹ 190
☒ 2. ₹ 220
☒ 3. ₹ 209
☒ 4. ₹ 198

4 : 7. If Jane gave ₹ 1 to Ethane, the ratio would

Q.6 Work has _____.

- Ans ☒ 1. no direction and only magnitude
☐ 2. no direction and no magnitude
☐ 3. only direction and no magnitude
☐ 4. both direction and magnitude

Q.7 If $4\sin^2\theta - 1 = 0$ and θ is an acute angle, then the value of $\cos 2\theta$ is:

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

Q.8 _____ carries sperms out of the testes.

- Ans ☐ 1. Oviduct
☒ 2. Vas deferens
☐ 3. Ureters
☐ 4. Urethra

Q.9 Divide 36 into two parts, such that 5 times of the first part is more than 8 times of the second part by 24?

- Ans ☐ 1. 20,16
☒ 2. 24,12
☐ 3. 26,10
☐ 4. 22,14

Q.10 _____ is present in the lining of kidney tubules.

- Ans ☐ 1. Parenchyma
☒ 2. Cuboidal Epithelium
☐ 3. Squamous Epithelium
☐ 4. Columnar Epithelium

Q.11 Chabahar port which is being constructed by India, is located in which country?

- Ans ☐ 1. Iraq
☒ 2. Iran
☐ 3. Thailand
☐ 4. Bangladesh

Q.12 Which of the following is a use of ultrasonography?

- Ans ☐ 1. It is used to read X-rays.

Question ID :6789136312
Option 1 ID :67891325245
Option 2 ID :67891325248
Option 3 ID :67891325246
Option 4 ID :67891325247
Status :Answered
Chosen Option :3

Question ID :6789136362
Option 1 ID :67891325446
Option 2 ID :67891325448
Option 3 ID :67891325445
Option 4 ID :67891325447
Status :Answered
Chosen Option :1

Question ID :6789136325
Option 1 ID :67891325297
Option 2 ID :67891325299
Option 3 ID :67891325298
Option 4 ID :67891325300
Status :Answered
Chosen Option :3

Question ID :6789136379
Option 1 ID :67891325516
Option 2 ID :67891325515
Option 3 ID :67891325513
Option 4 ID :67891325514
Status :Answered
Chosen Option :2

Question ID :6789136324
Option 1 ID :67891325293
Option 2 ID :67891325294
Option 3 ID :67891325296
Option 4 ID :67891325295
Status :Answered
Chosen Option :2

Question ID :6789136377
Option 1 ID :67891325508
Option 2 ID :67891325506
Option 3 ID :67891325505
Option 4 ID :67891325507
Status :Not Answered
Chosen Option :--

Question ID :6789136393
Option 1 ID :67891325571
Option 2 ID :67891325570
Option 3 ID :67891325572
Option 4 ID :67891325569
Status :Answered
Chosen Option :2

Question ID :6789136363
Option 1 ID :67891325452
Option 2 ID :67891325450

- ☒ 2. It is used to dissect organs.
- ☒ 3. It is used to observe the advantages of medicines.
- ☒ 4. It is used to monitor the growth of a foetus inside the mother's womb.

Option 3 ID :67891325451
 Option 4 ID :67891325449
 Status :Answered
 Chosen Option :4

Q.13 The postulate that all atoms of an element are exactly alike was proved wrong with the discovery of _____.

- Ans ☒ 1. isotopes
- ☒ 2. radioactivity
 - ☒ 3. isobars
 - ☒ 4. allotropy

Question ID :6789136367
 Option 1 ID :67891325467
 Option 2 ID :67891325465
 Option 3 ID :67891325468
 Option 4 ID :67891325466
 Status :Answered
 Chosen Option :1

Q.14 22nd of August 2019 will be a Thursday. In which of the years given below will 22nd of August also be a Thursday?

- Ans ☒ 1. 2025
- ☒ 2. 2024
 - ☒ 3. 2022
 - ☒ 4. 2023

Question ID :6789136320
 Option 1 ID :67891325280
 Option 2 ID :67891325279
 Option 3 ID :67891325277
 Option 4 ID :67891325278
 Status :Answered
 Chosen Option :2

Q.15 Consider the following statement and decide which of the conclusions follow from the statement.

Statement:

Rinky says to Renu, "Your mobile has all the latest features."

Conclusions:

- I. Rinky is tech savvy.
- II. Rinky likes Renu's mobile.

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

Question ID :6789136333
 Option 1 ID :67891325330
 Option 2 ID :67891325331
 Option 3 ID :67891325332
 Option 4 ID :67891325329
 Status :Answered
 Chosen Option :4

Q.16 Three pumps can fill a water tank separately in 15, 20, and 30 hours, respectively. The three pumps are started together at 8 a.m. when the tank is already one-fifth full. The first pump is stopped after 4 hrs. The third pump is stopped after 2 more hours. At what time will the tank be full?

- Ans ☒ 1. 2:40 p.m.
- ☒ 2. 3:20 p.m.
 - ☒ 3. 1:20 a.m.

✗ 4. 2:30 p.m.

Question ID :6789136318
Option 1 ID :67891325271
Option 2 ID :67891325270
Option 3 ID :67891325272
Option 4 ID :67891325269
Status :Answered

Chosen Option :1

Q.17 All forces have:

- Ans ✗ 1. Direction
✗ 2. Magnitude
✓ 3. Both Magnitude and Direction
✗ 4. Density

Question ID :6789136358
Option 1 ID :67891325430
Option 2 ID :67891325429
Option 3 ID :67891325431
Option 4 ID :67891325432
Status :Answered

Chosen Option :3

Q.18 _____ is not essential for photosynthesis.

- Ans ✗ 1. CO₂
✗ 2. Sunlight
✗ 3. Chlorophyll
✓ 4. O₂

Question ID :6789136378
Option 1 ID :67891325509
Option 2 ID :67891325511
Option 3 ID :67891325512
Option 4 ID :67891325510
Status :Answered

Chosen Option :4

Q.19 If INDIAN is coded as NADINI, in the same way as EXPERT can be coded as _____?

- Ans ✗ 1. RTPEXE
✗ 2. TREPEX
✓ 3. TRPEXE
✗ 4. TREPXE

Question ID :6789136326
Option 1 ID :67891325304
Option 2 ID :67891325303
Option 3 ID :67891325302
Option 4 ID :67891325301
Status :Answered

Chosen Option :3

Q.20 The _____ commission was appointed to examine the centre-state relations in India in 1983.

- Ans ✗ 1. Punchhi
✗ 2. Dhar
✓ 3. Sarkaria
✗ 4. Shri Krishna

Question ID :6789136392
Option 1 ID :67891325565
Option 2 ID :67891325566
Option 3 ID :67891325568
Option 4 ID :67891325567
Status :Answered

Chosen Option :3

Q.21 Ellora temples were built by the _____.

- Ans ✗ 1. Cholas
✗ 2. Cheras
✗ 3. Pandyas
✓ 4. Rashtrakutas

Question ID :6789136394
Option 1 ID :67891325574
Option 2 ID :67891325576
Option 3 ID :67891325573
Option 4 ID :67891325575
Status :Answered

Chosen Option :4

Q.22 The total income of a company increased from ₹ 30 lakhs to ₹ 50 lakhs from year 1 to year 2. At the end of the third year, the company earned ₹ 60 lakhs. What is the percentage increase in the income at the end of the third year from their initial year?

- Ans ✗ 1. 30
✗ 2. 50
✓ 3. 100
✗ 4. 200

Question ID :6789136342
Option 1 ID :67891325366
Option 2 ID :67891325367
Option 3 ID :67891325365
Option 4 ID :67891325368

Q.23 How many factors does the number 4000 have?

- Ans ☒ 1. 25
☒ 2. 27
☒ 3. 24
☒ 4. 26

Status :Answered
Chosen Option :3
Question ID :6789136308
Option 1 ID :67891325230
Option 2 ID :67891325232
Option 3 ID :67891325229
Option 4 ID :67891325231
Status :Answered
Chosen Option :3

Q.24 ₹ 600 was given to two persons, at 5% annual interest rate to the first person and at 10% to the second person. After one year, the sum of the interest for both was ₹ 40. Find the amount given to the first person.

- Ans ☒ 1. ₹ 200
☒ 2. ₹ 400
☒ 3. ₹ 380
☒ 4. ₹ 420

Question ID :6789136311
Option 1 ID :67891325243
Option 2 ID :67891325242
Option 3 ID :67891325244
Option 4 ID :67891325241
Status :Answered
Chosen Option :2

Q.25 Complete the series by choosing the correct term from options.

Z1, Y2, X3, 2, ?

- Ans ☒ 1. V5, W4
☒ 2. W4, V5
☒ 3. W4, V6
☒ 4. V5, W6

Question ID :6789136339
Option 1 ID :67891325354
Option 2 ID :67891325355
Option 3 ID :67891325356
Option 4 ID :67891325353
Status :Answered
Chosen Option :2

Q.26 The value of $21 + \{36 \div (5 + 4)\} + 7(-4)$ is:

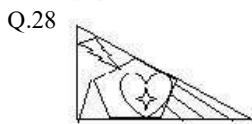
- Ans ☒ 1. -3.4
☒ 2. -21.7
☒ 3. -3
☒ 4. -19

Question ID :6789136302
Option 1 ID :67891325205
Option 2 ID :67891325206
Option 3 ID :67891325207
Option 4 ID :67891325208
Status :Answered
Chosen Option :3

Q.27 The headquarters of NITI Aayog is located in which city?

- Ans ☒ 1. New Delhi
☒ 2. Bengaluru
☒ 3. Chennai
☒ 4. Jaipur

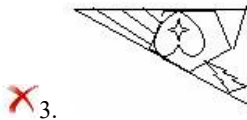
Question ID :6789136390
Option 1 ID :67891325558
Option 2 ID :67891325559
Option 3 ID :67891325557
Option 4 ID :67891325560
Status :Answered
Chosen Option :1



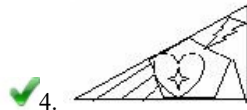
The mirror image of the above figure is:

- Ans ☒ 1.
- ☒ 2.

Question ID :6789136355
Option 1 ID :67891325420
Option 2 ID :67891325417
Option 3 ID :67891325418
Option 4 ID :67891325419
Status :Answered
Chosen Option :4



✗ 3.



✓ 4.

Q.29 Which of the statements is sufficient to answer the question?

Question:

Find the value of q .

Statements:

1) $x^2 + qx + 1 = 0$

2) The equation has solution as 1, 1

Ans ✗ 1. Either statement 1 or 2 is sufficient

✓ 2. Both statements 1 and 2 together are sufficient

✗ 3. Only statement 2 is sufficient

✗ 4. Only statement 1 is sufficient

Q.30 Which of the following non-metals catches fire if it is exposed to air?

Ans ✗ 1. Sulphur

✗ 2. Uranium

✓ 3. Phosphorus

✗ 4. Nitrogen

Q.31 The value of $\sqrt{214 + \sqrt{107 + \sqrt{196}}}$ is:

Ans ✗ 1. 23

✗ 2. 24

✗ 3. 18

✓ 4. 15

Q.32 Which of the following is a direct tax?

Ans ✓ 1. Income tax

✗ 2. Excise duty

✗ 3. Customs duty

✗ 4. Sales tax

Q.33 Who among the following was the recipient of the Tata Literature Live! 'Lifetime Achievement' Award for 2017?

Ans ✗ 1. Amitav Ghosh

✗ 2. Anil Dharker

✓ 3. Girish Karnad

✗ 4. Kiran Nagarkar

Q.34 If $\log \frac{a}{b} + \log \frac{b}{a} = \log(a + b)$, then which of the following will hold true?

Ans ✓ 1. $a + b = 1$

✗ 2. $a = b$

✗ 3. $a^2 - b^2 = 1$

Question ID :6789136343

Option 1 ID :67891325371

Option 2 ID :67891325372

Option 3 ID :67891325370

Option 4 ID :67891325369

Status :Answered

Chosen Option :2

Question ID :6789136372

Option 1 ID :67891325487

Option 2 ID :67891325488

Option 3 ID :67891325486

Option 4 ID :67891325485

Status :Answered

Chosen Option :3

Question ID :6789136307

Option 1 ID :67891325225

Option 2 ID :67891325227

Option 3 ID :67891325228

Option 4 ID :67891325226

Status :Answered

Chosen Option :4

Question ID :6789136398

Option 1 ID :67891325590

Option 2 ID :67891325592

Option 3 ID :67891325591

Option 4 ID :67891325589

Status :Answered

Chosen Option :1

Question ID :6789136385

Option 1 ID :67891325538

Option 2 ID :67891325537

Option 3 ID :67891325539

Option 4 ID :67891325540

Status :Not Answered

Chosen Option :--

Question ID :6789136321

Option 1 ID :67891325281

Option 2 ID :67891325283

Option 3 ID :67891325284

Option 4 ID :67891325282

Status :Answered

Chosen Option :1

☒ 4. $a - b = 1$

Q.35 What happens to the force between two objects if the masses of both the objects are tripled?

- Ans ☒ 1. Force will get two time
☒ 2. Force will get three time
☒ 3. Force will get same time
☒ 4. Force will get nine times

Question ID :6789136356
 Option 1 ID :67891325422
 Option 2 ID :67891325423
 Option 3 ID :67891325421
 Option 4 ID :67891325424
 Status :Answered
 Chosen Option :4

Q.36 Two inlet pipes, one 4.5 times as efficient as the other, alongside an outlet pipe that can drain a filled cistern empty in 9 hours, can fill the empty cistern in 7.5 hours when working together. How many hours will the less efficient inlet pipe alone take to fill the empty cistern?

- Ans ☒ 1. 18
☒ 2. 22.5
☒ 3. 13.5
☒ 4. 27

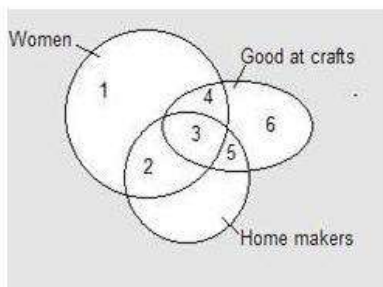
Question ID :6789136316
 Option 1 ID :67891325262
 Option 2 ID :67891325263
 Option 3 ID :67891325261
 Option 4 ID :67891325264
 Status :Not Answered
 Chosen Option :--

Q.37 The value of $\sqrt{\frac{256 \times 289}{4^2}}$ is:

- Ans ☒ 1. 17
☒ 2. 34
☒ 3. 8.50
☒ 4. 4.25

Question ID :6789136301
 Option 1 ID :67891325202
 Option 2 ID :67891325201
 Option 3 ID :67891325204
 Option 4 ID :67891325203
 Status :Answered
 Chosen Option :2

Q.38 The following Venn diagram shows women, home makers and those who are good at crafts. Find the total number of women who are good at crafts and who are not home makers.



- Ans ☒ 1. 4
☒ 2. 6
☒ 3. 1
☒ 4. 2

Question ID :6789136350
 Option 1 ID :67891325400
 Option 2 ID :67891325399
 Option 3 ID :67891325397
 Option 4 ID :67891325398
 Status :Answered
 Chosen Option :1

Q.39 A 350-m-long train is running at a speed of 54 km/h. How long will the train take to pass a jogger jogging at a speed of 9 km/h in a direction opposite to the running train?

- Ans ☒ 1. 12 seconds

- ✓ 2. 20 seconds
- ✗ 3. 15.6 seconds
- ✗ 4. 6 seconds

Question ID :6789136315
 Option 1 ID :67891325259
 Option 2 ID :67891325260
 Option 3 ID :67891325258
 Option 4 ID :67891325257
 Status :Answered
 Chosen Option :2

Q.40 Find the next term in this series

2C3, 6G7, 10K11, _____?

- Ans
- ✗ 1. 13N14
 - ✗ 2. 13N15
 - ✗ 3. 13O14
 - ✓ 4. 14O15

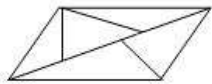
Question ID :6789136338
 Option 1 ID :67891325350
 Option 2 ID :67891325351
 Option 3 ID :67891325352
 Option 4 ID :67891325349
 Status :Answered
 Chosen Option :4

Q.41 Crude oil is:

- Ans
- ✗ 1. Odourless, yellow to black liquid
 - ✗ 2. colourless
 - ✗ 3. odourless
 - ✓ 4. Smelly, yellow to black liquid

Question ID :6789136365
 Option 1 ID :67891325460
 Option 2 ID :67891325457
 Option 3 ID :67891325458
 Option 4 ID :67891325459
 Status :Answered
 Chosen Option :4

Q.42 How many triangles are there in the following figure?



- Ans
- ✗ 1. 7
 - ✗ 2. 6
 - ✓ 3. 9
 - ✗ 4. 8

Question ID :6789136351
 Option 1 ID :67891325402
 Option 2 ID :67891325404
 Option 3 ID :67891325403
 Option 4 ID :67891325401
 Status :Answered
 Chosen Option :3

Q.43 Who won the 60th Grammy Award (2017) in the category of Best New Artist?

- Ans
- ✗ 1. Julia Michaels
 - ✗ 2. James Corden
 - ✗ 3. Meghan Trainor
 - ✓ 4. Alessia Cara

Question ID :6789136384
 Option 1 ID :67891325535
 Option 2 ID :67891325536
 Option 3 ID :67891325534
 Option 4 ID :67891325533
 Status :Not Answered
 Chosen Option :--

Q.44 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Statement:

For people with deep rooted ideologies, change is difficult to accept and adopt.

Arguments:

- I. There cannot be any change in the current social structure.
- II. As the society moves ahead in its overall beliefs, we are expected to change and adopt newer ways of lifestyle and social changes.

- Ans
- ✗ 1. Both I and II are strong.
 - ✗ 2. Neither I nor II is strong.
 - ✓ 3. Only II is strong.

☒ 4. Only I is strong.

Question ID :6789136334
Option 1 ID :67891325335
Option 2 ID :67891325336
Option 3 ID :67891325334
Option 4 ID :67891325333

Status :Answered

Chosen Option :3

Q.45 What is the total number of players in a football team?

- Ans ☒ 1. 12
☒ 2. 14
☒ 3. 10
☒ 4. 11

Question ID :6789136383
Option 1 ID :67891325530
Option 2 ID :67891325529
Option 3 ID :67891325532
Option 4 ID :67891325531

Status :Answered

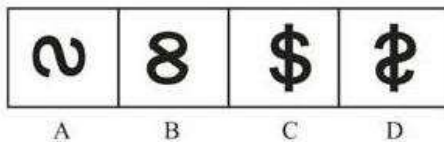
Chosen Option :4

Q.46 Find the next figure in the given series.

Problem figures:



Answer figures:



- Ans ☒ 1. A
☒ 2. C
☒ 3. B
☒ 4. D

Question ID :6789136347
Option 1 ID :67891325385
Option 2 ID :67891325387
Option 3 ID :67891325386
Option 4 ID :67891325388

Status :Answered

Chosen Option :3

Q.47 Which railway became the 1st Rail Zone with 100% LED Lighting at Stations?

- Ans ☒ 1. South Eastern Railway
☒ 2. Central Railway
☒ 3. South Central Railway
☒ 4. Western Railway

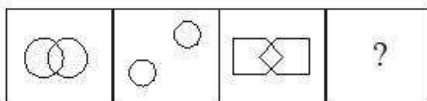
Question ID :6789136399
Option 1 ID :67891325593
Option 2 ID :67891325594
Option 3 ID :67891325595
Option 4 ID :67891325596

Status :Not Answered

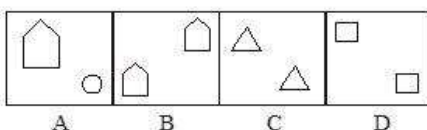
Chosen Option :--

Q.48 Identify the figure that should follow next in the given series.

Problem figures:



Answer figures:



- Ans ☒ 1. B
☒ 2. C
☒ 3. D
☒ 4. A

Question ID :6789136348
Option 1 ID :67891325390
Option 2 ID :67891325391
Option 3 ID :67891325392
Option 4 ID :67891325389

Status :Answered

Chosen Option :1

Q.49 India celebrates 29th August as the National Sports Day in honour of _____.

- Ans ☒ 1. Major Dhyan Chand
☒ 2. Milkha Singh
☒ 3. P.T. Usha
☒ 4. J. Srinath

Question ID :6789136381
Option 1 ID :67891325521
Option 2 ID :67891325524
Option 3 ID :67891325523
Option 4 ID :67891325522
Status :Answered
Chosen Option :1

Q.50 If Manish alone takes 72 days to complete a piece of work, and Shivam alone takes 90 days to complete the same piece of work. If they work together for 20 days, what is the percentage of total work that is left?

- Ans ☒ 1. 65 %
☒ 2. 40 %
☒ 3. 55 %
☒ 4. 50 %

Question ID :6789136314
Option 1 ID :67891325255
Option 2 ID :67891325253
Option 3 ID :67891325254
Option 4 ID :67891325256
Status :Answered
Chosen Option :4

Q.51 The Marathas lost power to Ahmad Shah Abdali in _____.

- Ans ☒ 1. 1762
☒ 2. 1761
☒ 3. 1764
☒ 4. 1763

Question ID :6789136395
Option 1 ID :67891325580
Option 2 ID :67891325579
Option 3 ID :67891325578
Option 4 ID :67891325577
Status :Answered
Chosen Option :2

Q.52 A spherical mirror, whose reflecting surface is curved outwards, is called a:

- Ans ☒ 1. Convex mirror
☒ 2. Simple mirror
☒ 3. Plain mirror
☒ 4. Concave mirror

Question ID :6789136364
Option 1 ID :67891325454
Option 2 ID :67891325453
Option 3 ID :67891325456
Option 4 ID :67891325455
Status :Answered
Chosen Option :1

Q.53 Name the Indian state that is pioneering in driving a state-led business incubator for women entrepreneurs.

- Ans ☒ 1. Maharashtra
☒ 2. Telangana
☒ 3. Rajasthan
☒ 4. Odisha

Question ID :6789136391
Option 1 ID :67891325561
Option 2 ID :67891325562
Option 3 ID :67891325563
Option 4 ID :67891325564
Status :Not Answered
Chosen Option :--

Q.54 A group of cells similar in origin and structure and specialized to perform a particular function (eg, muscle cells in our body forms the muscles that brings about body movements) is called:

- Ans ☒ 1. Phloem
☒ 2. Muscle
☒ 3. Tissue
☒ 4. Fibres(bast)

Question ID :6789136376
Option 1 ID :67891325503
Option 2 ID :67891325502
Option 3 ID :67891325501
Option 4 ID :67891325504
Status :Answered

Chosen Option :3

Q.55 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

No tiger is a lion.

Some cats are lions.

All tigers are trees.

Conclusions:

I. Some trees are lions.

II. No lion is a tree.

III. Some cats are tigers.

Ans 1. Both I and II follow

2. Only I follows

3. Either I or III follows

4. Only II follow

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

Question ID :6789136328
Option 1 ID :67891325312
Option 2 ID :67891325309
Option 3 ID :67891325311
Option 4 ID :67891325310

Status :Answered

Chosen Option :4

Q.56 Who built India's cheapest passenger car amongst other achievements?

Ans ☒ 1. Jamsetji Tata

☒ 2. Dorabji Tata

☒ 3. Naval Tata

☒ 4. Ratan Tata

Question ID :6789136389
Option 1 ID :67891325554
Option 2 ID :67891325553
Option 3 ID :67891325556
Option 4 ID :67891325555

Status :Answered

Chosen Option :4

Q.57 Consider the following statements to be true even if they seem to be at variance from commonly known facts and decide which of the conclusions logically follows from the statements.

Statements:

• All vans are bats.

• All cows are bats.

Conclusions:

1. All vans are cows.

2. Some cows are vans.

Ans ☒ 1. Only conclusion 1 follows

☒ 2. Only conclusion 2 follows

☒ 3. Both conclusions 1 and 2 follow

☒ 4. Neither conclusion 1 nor 2 follows

Question ID :6789136329
Option 1 ID :67891325313
Option 2 ID :67891325314
Option 3 ID :67891325316
Option 4 ID :67891325315

Q.58 If in certain code, FORGET is written as DQPICV, then in the same code, SACHIN will be written as:

- Ans ☒ 1. QCAJGP
☐ 2. QACJGP
☐ 3. QCJAGP
☐ 4. QAJCGP

Question ID :6789136330
Option 1 ID :67891325320
Option 2 ID :67891325319
Option 3 ID :67891325318
Option 4 ID :67891325317

Status :Answered
Chosen Option :1

Q.59 Consider the statements and the following assumptions and decide which of the assumptions is/are implicit in the statement

Statement:

The chief guest at a painting exhibition applauded the paintings of a very renowned artist for his marvelous work

Assumptions:

- I. The painter is a very established famous artist
II. The chief guest was impressed by his art work

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

Question ID :6789136335
Option 1 ID :67891325338
Option 2 ID :67891325337
Option 3 ID :67891325339
Option 4 ID :67891325340

Status :Answered
Chosen Option :3

Q.60 Which one of the following is NOT a noble gas?

- Ans ☐ 1. Helium
☐ 2. Krypton
☒ 3. Chlorine
☐ 4. Radon

Question ID :6789136374
Option 1 ID :67891325493
Option 2 ID :67891325494
Option 3 ID :67891325495
Option 4 ID :67891325496

Status :Answered
Chosen Option :3

Q.61 27% of 900 is:

- Ans ☐ 1. 252
☒ 2. 243
☐ 3. 238
☐ 4. 275

Question ID :6789136310
Option 1 ID :67891325240
Option 2 ID :67891325239
Option 3 ID :67891325237
Option 4 ID :67891325238

Status :Answered
Chosen Option :2

Q.62 The lengths of one of the two sides containing the right angle in a right-angled triangle and its hypotenuse are 9 cm and 41 cm respectively. What is the length of the third side?

- Ans ☐ 1. 32 cm
☒ 2. 40 cm
☐ 3. 35 cm
☐ 4. $\sqrt{369}$ cm

Question ID :6789136306
Option 1 ID :67891325223
Option 2 ID :67891325224
Option 3 ID :67891325222

Option 4 ID :67891325221
Status :Answered
Chosen Option :2

Q.63 Where was the 105th National Science Congress held in March 2018?

- Ans ☒ 1. Delhi
☒ 2. Manipur
☒ 3. Goa
☒ 4. Assam

Question ID :6789136387
Option 1 ID :67891325547
Option 2 ID :67891325546
Option 3 ID :67891325545
Option 4 ID :67891325548
Status :Answered

Chosen Option :1

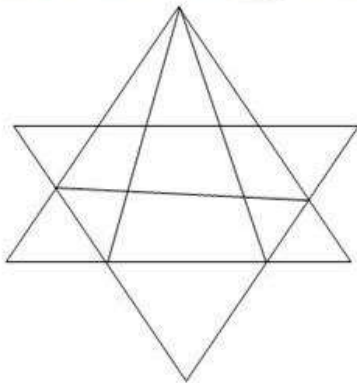
Q.64 The Basilica of Bom Jesus is situated in _____.

- Ans ☒ 1. Fort Kochi
☒ 2. Mumbai
☒ 3. Bangalore
☒ 4. Goa

Question ID :6789136397
Option 1 ID :67891325587
Option 2 ID :67891325585
Option 3 ID :67891325588
Option 4 ID :67891325586
Status :Answered

Chosen Option :4

Q.65 Find the number of triangles in the given figure.



Question ID :6789136349
Option 1 ID :67891325394
Option 2 ID :67891325393
Option 3 ID :67891325396
Option 4 ID :67891325395
Status :Marked For Review

Chosen Option :4

- Ans 1. 23
2. 18
3. 35
4. 31

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

Q.66 Read the given question and decide which of the following statements is/are sufficient to answer the question.

Question:

L, O, P and Q are standing in a circle. Who is standing to the right of P?

Statements:

1. P is the shortest of all.
2. L is standing to the left of Q and O is standing to the right of Q.

- Ans ☒ 1. Statement 2 alone is sufficient.
☒ 2. Statement 1 alone is sufficient.
☒ 3. Statements 1 and 2 together are insufficient.
☒ 4. Statements 1 and 2 together are sufficient.

Question ID :6789136340
Option 1 ID :67891325358
Option 2 ID :67891325357
Option 3 ID :67891325359
Option 4 ID :67891325360
Status :Answered

Chosen Option :1

Q.67 Which of these is not homoatomic molecules?

Ans

Question ID :6789136369
Option 1 ID :67891325476

- ☒ 1. CO₂
- ☒ 2. H₂
- ☒ 3. P₄
- ☒ 4. N₂

Option 2 ID :67891325474
 Option 3 ID :67891325475
 Option 4 ID :67891325473
 Status :Answered
 Chosen Option :1

Q.68 A rectangular lawn is 60 meters long and 40 meters wide. The time taken by a man to walk along its diagonal at the speed of 3km/hrs is approximately:

- Ans ☒ 1. 81.5 sec
☒ 2. 84.5 sec
☒ 3. 86.5 sec
☒ 4. 92.5 sec

Question ID :6789136317
 Option 1 ID :67891325267
 Option 2 ID :67891325266
 Option 3 ID :67891325268
 Option 4 ID :67891325265
 Status :Answered
 Chosen Option :3

Q.69 The cavity of graafian follicle is called:

- Ans ☒ 1. liquor folliculi
☒ 2. antrum
☒ 3. discus proligerous
☒ 4. amniotic cavity

Question ID :6789136380
 Option 1 ID :67891325519
 Option 2 ID :67891325518
 Option 3 ID :67891325520
 Option 4 ID :67891325517
 Status :Answered
 Chosen Option :1

Q.70 New is related to Old in the same way as Day is related to:

- Ans ☒ 1. Bright
☒ 2. Night
☒ 3. Time
☒ 4. Sun

Question ID :6789136327
 Option 1 ID :67891325306
 Option 2 ID :67891325305
 Option 3 ID :67891325308
 Option 4 ID :67891325307
 Status :Answered
 Chosen Option :2

Q.71 Two pipes, A and B, can fill a tank in 3 and 4 hours, respectively. Another pipe, C, can empty the filled tank in 6 hours. If A and B are opened at 8 AM and run for 1.5 hours and then C is opened as well, calculate the time when the tank will be fully filled:

- Ans ☒ 1. 8:30 AM
☒ 2. 9:20 AM
☒ 3. 9:18 AM
☒ 4. 9:48 AM

Question ID :6789136313
 Option 1 ID :67891325250
 Option 2 ID :67891325249
 Option 3 ID :67891325251
 Option 4 ID :67891325252
 Status :Answered
 Chosen Option :4

Q.72 In a code, SUNDAY is coded as HFMWZB, then how would FRIDAY be coded?

- Ans ☒ 1. IRWBU
☒ 2. UBIZWU
☒ 3. UIZBRW
☒ 4. UIRWZB

Question ID :6789136331
 Option 1 ID :67891325323
 Option 2 ID :67891325324
 Option 3 ID :67891325322
 Option 4 ID :67891325321
 Status :Answered
 Chosen Option :4

Q.73 Choose the correct water image of the following figure.

Question ID :6789136354
 Option 1 ID :67891325416
 Option 2 ID :67891325415
 Option 3 ID :67891325414
 Option 4 ID :67891325413
 Status :Answered

RAJ589D8

Ans

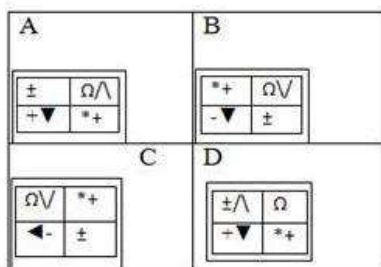
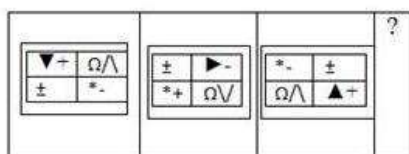
- ✗ 1. 8D8028A7
- ✗ 2. 8D8028A7
- ✗ 3. 8D8028A7
- ✓ 4. 8D8028A7

Q.74 Chose the INCORRECT one for Aldehydes.

- Ans ✗ 1. $C_2H_5COH \rightarrow$ propanal \rightarrow propaldehyde
- ✗ 2. $C_3H_7COH \rightarrow$ butanal \rightarrow butyraldehyde
- ✗ 3. $CH_3COH \rightarrow$ ethanal \rightarrow acetaldehyde
- ✓ 4. $CHCOH \rightarrow$ methanal \rightarrow formaldehyde

Q.75 Which of the option figure follows next in the series of Question figures?

Question figures:



- Ans ✗ 1. D
- ✗ 2. A
- ✓ 3. C
- ✗ 4. B

Q.76 Saffron is a product of _____.

- Ans ✓ 1. Jammu and Kashmir
- ✗ 2. Goa
- ✗ 3. West Bengal
- ✗ 4. Arunachal Pradesh

Q.77 What is the counting unit for a chemist?

- Ans ✓ 1. Mole
- ✗ 2. Anion
- ✗ 3. Anode
- ✗ 4. Molecule

Q.78 The value of $7 + 3 \times \{15 \div (12 - 9) \times 5\}$ is:

- Ans ✗ 1. 10
- ✓ 2. 82
- ✗ 3. 54
- ✗ 4. 15

Q.79 Complete the series:

AZB, CYD, EXF, GWH, IVJ, _____?

- Ans ✗ 1. KTL

Chosen Option :4

Question ID :6789136373

Option 1 ID :67891325491

Option 2 ID :67891325492

Option 3 ID :67891325490

Option 4 ID :67891325489

Status :Answered

Chosen Option :2

Question ID :6789136346

Option 1 ID :67891325384

Option 2 ID :67891325382

Option 3 ID :67891325381

Option 4 ID :67891325383

Status :Answered

Chosen Option :3

Question ID :6789136396

Option 1 ID :67891325581

Option 2 ID :67891325584

Option 3 ID :67891325583

Option 4 ID :67891325582

Status :Answered

Chosen Option :1

Question ID :6789136368

Option 1 ID :67891325472

Option 2 ID :67891325471

Option 3 ID :67891325470

Option 4 ID :67891325469

Status :Answered

Chosen Option :1

Question ID :6789136305

Option 1 ID :67891325218

Option 2 ID :67891325219

Option 3 ID :67891325220

Option 4 ID :67891325217

Status :Answered

Chosen Option :1

Question ID :6789136337

Option 1 ID :67891325348

Option 2 ID :67891325347

Option 3 ID :67891325345

- ✓ 2. KUL
- ✗ 3. KWL
- ✗ 4. KUM

Option 4 ID :67891325346
Status :Answered
Chosen Option :2

Q.80 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement: Ram, despite his busy schedule, attended his friend's wedding. Relationships are to be maintained.

Conclusions:

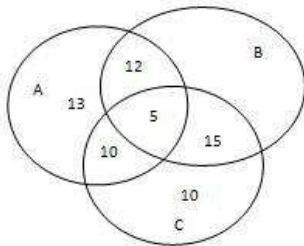
- I. Ram maintains good relationships.
- II. Ram engages himself all the time.

- Ans ✓ 1. Only conclusion I follows
- ✗ 2. Both I and II follow
 - ✗ 3. Only conclusion II follows
 - ✗ 4. Neither I nor II follows

Question ID :6789136332
Option 1 ID :67891325325
Option 2 ID :67891325328
Option 3 ID :67891325326
Option 4 ID :67891325327
Status :Answered

Chosen Option :2

Q.81 The given Venn diagram represents the sports preferences of a group of 77 college students. There are three games: A - Badminton, B - Basketball and C - Tennis. How many students like to play Basketball but not Tennis?



- Ans ✗ 1. 15
- ✓ 2. 24
 - ✗ 3. 17
 - ✗ 4. 35

Question ID :6789136352
Option 1 ID :67891325406
Option 2 ID :67891325407
Option 3 ID :67891325405
Option 4 ID :67891325408
Status :Answered

Chosen Option :3

Q.82 Oxidation state of an atom represents:

- Ans ✗ 1. its vacancies
- ✗ 2. number of electrons gained
 - ✓ 3. apparent charge in compound

Question ID :6789136375
Option 1 ID :67891325500
Option 2 ID :67891325499
Option 3 ID :67891325497
Option 4 ID :67891325498
Status :Answered

☒ 4. number of electrons lost

Chosen Option :4

Q.83 If 375 marbles are shared between Vihaan and Rihana in the ratio 7 : 8, Rihana will get _____ marbles.

- Ans ☒ 1. 225
☒ 2. 200
☒ 3. 250
☒ 4. 125

Question ID :6789136309
Option 1 ID :67891325233
Option 2 ID :67891325236
Option 3 ID :67891325235
Option 4 ID :67891325234
Status :Answered

Chosen Option :2

Q.84 Which Indian bank has tied up with Bajaj Electricals for vendor financing using blockchain solutions?

- Ans ☒ 1. Yes Bank
☒ 2. HDFC Bank
☒ 3. ICICI Bank
☒ 4. Dena Bank

Question ID :6789136400
Option 1 ID :67891325598
Option 2 ID :67891325599
Option 3 ID :67891325600
Option 4 ID :67891325597
Status :Not Answered

Chosen Option :--

Q.85 Which of the following statements is true for the law of conservation of energy?

- Ans ☒ 1. Energy can only be created.
☒ 2. Energy is created as well as destroyed.
☒ 3. Energy is neither created nor destroyed.
☒ 4. Energy can only be destroyed.

Question ID :6789136361
Option 1 ID :67891325441
Option 2 ID :67891325444
Option 3 ID :67891325443
Option 4 ID :67891325442
Status :Answered

Chosen Option :3

Q.86 A car is moving with a velocity of 72 km/h. It takes 4 s to stop it after the brakes are applied. If the mass of the car is 1000 kg, the magnitude of the force exerted by the brakes is:

- Ans ☒ 1. 2.0×10^2 N
☒ 2. 4.0×10^3 N
☒ 3. 3.0×10^2 N
☒ 4. 5.0×10^3 N

Question ID :6789136357
Option 1 ID :67891325425
Option 2 ID :67891325427
Option 3 ID :67891325426
Option 4 ID :67891325428
Status :Answered

Chosen Option :4

Q.87 In a _____ circuit, the electricity has only one path to flow through.

- Ans ☒ 1. series
☒ 2. incomplete
☒ 3. complete
☒ 4. parallel

Question ID :6789136366
Option 1 ID :67891325462
Option 2 ID :67891325464
Option 3 ID :67891325463
Option 4 ID :67891325461
Status :Answered

Chosen Option :3

Q.88 Which is the highest decoration of valour award for the most conspicuous act of bravery or self-sacrifice in the presence of the enemy, whether on land, at sea or in the air?

- Ans ☒ 1. Padma Shri

- ☒ 2. Dhyanchand Award
- ☒ 3. Bharat Ratna
- ☒ 4. Param Vir Chakra

Question ID :6789136388
 Option 1 ID :67891325550
 Option 2 ID :67891325549
 Option 3 ID :67891325552
 Option 4 ID :67891325551

Status :Answered
 Chosen Option :4

Q.89 15th of August 2019 will be a Thursday. In which of the years given below will 15th of August also be a Thursday?

- Ans
- ☒ 1. 2022
 - ☒ 2. 2024
 - ☒ 3. 2025
 - ☒ 4. 2023

Question ID :6789136319
 Option 1 ID :67891325273
 Option 2 ID :67891325275
 Option 3 ID :67891325276
 Option 4 ID :67891325274

Status :Answered
 Chosen Option :2

Q.90 With which sport Kidambi Srikanth a well-known personality is associated?

- Ans
- ☒ 1. Shooting
 - ☒ 2. Badminton
 - ☒ 3. Tennis
 - ☒ 4. Golf

Question ID :6789136382
 Option 1 ID :67891325527
 Option 2 ID :67891325526
 Option 3 ID :67891325525
 Option 4 ID :67891325528

Status :Answered
 Chosen Option :2

Q.91 A road 3.5 m wide surrounds a circular park whose circumference is 176 m. Find the cost of paving the road at the rate of ₹ 60 per square metre.

- Ans
- ☒ 1. ₹ 39,290
 - ☒ 2. ₹ 39,370
 - ☒ 3. ₹ 39,270
 - ☒ 4. ₹ 39,250

Question ID :6789136323
 Option 1 ID :67891325292
 Option 2 ID :67891325291
 Option 3 ID :67891325289
 Option 4 ID :67891325290

Status :Not Answered
 Chosen Option :--

Q.92 When crystals are heated, water of crystallisation is lost and the substance turns into a/an _____ form.

- Ans
- ☒ 1. crystalline
 - ☒ 2. gaseous
 - ☒ 3. vapour
 - ☒ 4. anhydrous

Question ID :6789136370
 Option 1 ID :67891325478
 Option 2 ID :67891325480
 Option 3 ID :67891325479
 Option 4 ID :67891325477

Status :Answered
 Chosen Option :4

Q.93 What happens to an acid or a base in a water solution?

Ans

Question ID :6789136371
 Option 1 ID :67891325482

- ☒ 1. Acids give OH^- in water.
- ☒ 2. Bases give H^+ in water.
- ☒ 3. Bases give H_3O^+ in water.
- ☒ 4. Bases give OH^- in water.

Option 2 ID :67891325483
 Option 3 ID :67891325481
 Option 4 ID :67891325484
 Status :Answered
 Chosen Option :4

Q.94 Select the option that is related to the third term in the same way as the second term is related to the first term.

Chemistry: Atoms :: Biology: _____?

- Ans
- ☒ 1. Neurons
 - ☒ 2. Cells
 - ☒ 3. Molecules
 - ☒ 4. Biometrics

Question ID :6789136344
 Option 1 ID :67891325375
 Option 2 ID :67891325376
 Option 3 ID :67891325374
 Option 4 ID :67891325373
 Status :Answered
 Chosen Option :2

Q.95 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

There are 3 ply boards of different sizes. Which ply has the maximum area?

Statements:

- 1. Ply1 is a square of width 15 cm.
- 2. 1 rectangular board with breadth 12 cm and length of 20 cm.

- Ans
- ☒ 1. Statement 2 alone is sufficient.
 - ☒ 2. Statement 1 and 2 together are sufficient.
 - ☒ 3. The statements are not sufficient.
 - ☒ 4. Statement 1 alone is sufficient.

Question ID :6789136341
 Option 1 ID :67891325363
 Option 2 ID :67891325361
 Option 3 ID :67891325364
 Option 4 ID :67891325362
 Status :Answered
 Chosen Option :3

Q.96 If southeast becomes north and northeast becomes west & so on then what does northwest become:

- Ans
- ☒ 1. Southwest
 - ☒ 2. Northwest
 - ☒ 3. North
 - ☒ 4. South

Question ID :6789136353
 Option 1 ID :67891325412
 Option 2 ID :67891325411
 Option 3 ID :67891325409
 Option 4 ID :67891325410
 Status :Answered
 Chosen Option :4

Q.97 In the Arithmetic Progressive series 5, 11, 17, ... what will be the 23rd term?

- Ans
- ☒ 1. 139
 - ☒ 2. 135

Question ID :6789136336
 Option 1 ID :67891325342
 Option 2 ID :67891325344
 Option 3 ID :67891325343

- ☐ 3. 140
☒ 4. 137

Option 4 ID :67891325341
Status :Answered
Chosen Option :4

Q.98 Who is the author of the book 'Recasting India: How Entrepreneurship is Changing the World's Largest Democracy'?

- Ans ☐ 1. Anita Desai
☒ 2. Hindol Sengupta
☐ 3. Sashi Taroor
☐ 4. Durjoy Dutta

Question ID :6789136386
Option 1 ID :67891325544
Option 2 ID :67891325542
Option 3 ID :67891325543
Option 4 ID :67891325541
Status :Answered
Chosen Option :4

Q.99 If 2.35 kg tomatoes cost ₹ 34.55, then what is the cost of 4.15 kg of tomatoes? (rounded off to two decimal places).

- Ans ☒ 1. ₹ 61.01
☐ 2. ₹ 19.15
☐ 3. ₹ 141.84
☐ 4. ₹ 43.24

Question ID :6789136303
Option 1 ID :67891325210
Option 2 ID :67891325211
Option 3 ID :67891325209
Option 4 ID :67891325212
Status :Answered
Chosen Option :1

Q.100 An object of mass 3 m is raised to a height h above ground level. Find the potential energy of the object.

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

Question ID :6789136360
Option 1 ID :67891325437
Option 2 ID :67891325440
Option 3 ID :67891325438
Option 4 ID :67891325439
Status :Answered
Chosen Option :3