



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant ID	
Participant Name	
Test Center Name	SINCO LEARNING CENTER
Test Date	14/03/2021
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.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 Two concentric circles drawn with the radius of inner circle 6cm and outer circle radius 50% more than inner circle.
What is the area of the annulus formed between two circles?

Ans

✗ 1. $\frac{890}{7} \text{ cm}^2$

✗ 2. $\frac{900}{7} \text{ cm}^2$

✗ 3. 990 cm^2

✓ 4. $\frac{990}{7} \text{ cm}^2$

Question ID : 9489119867

Option 1 ID : 94891139468

Option 2 ID : 94891139466

Option 3 ID : 94891139467

Option 4 ID : 94891139465

Status : Answered

Chosen Option : 4

Q.2 A bus is travelling with $\frac{7}{8}$ of its actual speed to cover 42 km in 1 h 16 min. Find the actual speed of the bus.

- Ans**
1. 31 km/h
 2. 35 km/h
 3. 48 km/h
 4. 30 km/h

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

Question ID : 9489119862

Option 1 ID : 94891139445

Option 2 ID : 94891139447

Option 3 ID : 94891139448

Option 4 ID : 94891139446

Status : Answered

Chosen Option : 3

Q.3 In which of the following plants is the body NOT differentiated into roots, stems and leaves?

- Ans**
-  1. Fern
 -  2. Marsilea
 -  3. Chara
 -  4. Deodar

Question ID : 9489119214

Option 1 ID : 94891136853

Option 2 ID : 94891136855

Option 3 ID : 94891136854

Option 4 ID : 94891136856

Status : Marked For Review

Chosen Option : 1

Q.4 How many basic elements (Tatvas) have been described by early Indian philosophers to classify matter?

- Ans**
-  1. Five
 -  2. Three
 -  3. Six
 -  4. Nine

Question ID : 9489119211

Option 1 ID : 94891136841

Option 2 ID : 94891136844

Option 3 ID : 94891136842

Option 4 ID : 94891136843

Status : Answered

Chosen Option : 1

Q.5 Read the following statement:

"I am going to watch her expenditure pattern because I notice a tendency on her part to splurge."

Which of the following conclusions is/are valid with respect to the statement?

(A) The speaker is a well-wisher of hers.

(B) She is spending beyond her means.

(C) The speaker is a concerned parent.

- Ans**
-  1. A and C
 -  2. A and B
 -  3. A alone
 -  4. A, B and C

Question ID : 9489119383

Option 1 ID : 94891137531

Option 2 ID : 94891137532

Option 3 ID : 94891137530

Option 4 ID : 94891137529

Status : Answered

Chosen Option : 4

Q.6 Who among the following has been NOT awarded the Padma Bhushan in 2021?

- Ans**
-  1. Sumitra Mahajan
 -  2. Nripendra Misra
 -  3. S P Balasubramaniam
 -  4. Ram Vilas Paswan

Question ID : 9489119204

Option 1 ID : 94891136815

Option 2 ID : 94891136816

Option 3 ID : 94891136814

Option 4 ID : 94891136813

Status : Answered

Chosen Option : 3

Q.7 If $\operatorname{cosec} A - \cot A = 3$ then $\operatorname{cosec} A + \cot A = ?$

Ans

✓ 1. $\frac{1}{3}$

✗ 2. $\frac{1}{2}$

✗ 3. $\frac{1}{5}$

✗ 4. $\frac{3}{2}$

Question ID : 9489119871

Option 1 ID : 94891139483

Option 2 ID : 94891139481

Option 3 ID : 94891139484

Option 4 ID : 94891139482

Status : Answered

Chosen Option : 1

Q.8 At which place has India established CIRUS reactor?

Ans

✓ 1. Trombay, Mumbai

✗ 2. Kalpakkam, Tamil Nadu

✗ 3. Indore, Madhya Pradesh

✗ 4. Jadugoda, Jharkhand

Question ID : 9489119232

Option 1 ID : 94891136926

Option 2 ID : 94891136925

Option 3 ID : 94891136928

Option 4 ID : 94891136927

Status : Not Answered

Chosen Option : --

Q.9 Which of the following cities was the venue for the meeting of the Shanghai Cooperation Organisation's Heads of State Council in 2019?

Ans

✗ 1. Shanghai

✗ 2. Dushanbe

✓ 3. Bishkek

✗ 4. Osh

Question ID : 9489119207

Option 1 ID : 94891136825

Option 2 ID : 94891136828

Option 3 ID : 94891136827

Option 4 ID : 94891136826

Status : Not Answered

Chosen Option : --

Q.10

If $\frac{a}{b} = \frac{b}{c} = \frac{c}{d}$, then $\frac{b^3+c^3+d^3}{a^3+b^3+c^3}$ will be equal to:

Ans

☒ 1. $\frac{a}{d}$

☒ 2. $\frac{d}{c}$

☒ 3. $\frac{d}{a}$

☒ 4. $\frac{b}{d}$

Question ID : 9489119856

Option 1 ID : 94891139421

Option 2 ID : 94891139424

Option 3 ID : 94891139422

Option 4 ID : 94891139423

Status : Answered

Chosen Option : 3

Q.11 Who is the author of the famous Kannada play 'Tughlaq' which is also staged in other Indian languages?

Ans

☒ 1. Shiv K Kumar

☒ 2. Girish Karnad

☒ 3. Masti Venkatesha Iyengar

☒ 4. Chandrashekhara Kambara

Question ID : 9489119205

Option 1 ID : 94891136819

Option 2 ID : 94891136817

Option 3 ID : 94891136820

Option 4 ID : 94891136818

Status : Not Answered

Chosen Option : --

Q.12 In which city was Gandhiji informed about the problems in Champaran and invited to visit the place?

Ans

☒ 1. Patna

☒ 2. Lucknow

☒ 3. Ahmedabad

☒ 4. Delhi

Question ID : 9489119221

Option 1 ID : 94891136883

Option 2 ID : 94891136881

Option 3 ID : 94891136884

Option 4 ID : 94891136882

Status : Answered

Chosen Option : 1

Q.13 Which railway station is a part of UNESCO's world heritage sites?

- Ans
- ☐ 1. Anand Vihar Terminus
 - ☐ 2. Lokmanya Tilak Terminus
 - ☐ 3. Kolkata Terminus
 - ☒ 4. Chhatrapati Shivaji Maharaj Terminus

Question ID : 9489119210

Option 1 ID : 94891136837

Option 2 ID : 94891136838

Option 3 ID : 94891136840

Option 4 ID : 94891136839

Status : Answered

Chosen Option : 4

Q.14 Global Positioning System (GPS) is a network of several satellites orbiting the Earth at an approximate altitude of:

- Ans
- ☒ 1. 20,000 km
 - ☐ 2. 25,000 km
 - ☐ 3. 30,000 km
 - ☐ 4. 15,000 km

Question ID : 9489119238

Option 1 ID : 94891136950

Option 2 ID : 94891136951

Option 3 ID : 94891136952

Option 4 ID : 94891136949

Status : Not Answered

Chosen Option : --

Q.15 If each side of a rectangle is increased by 25%, then its area will increase by:

- Ans
- ☐ 1. $55\frac{1}{4}\%$
 - ☒ 2. $56\frac{1}{4}\%$
 - ☐ 3. $60\frac{1}{4}\%$
 - ☐ 4. $54\frac{1}{4}\%$

Question ID : 9489119866

Option 1 ID : 94891139462

Option 2 ID : 94891139463

Option 3 ID : 94891139464

Option 4 ID : 94891139461

Status : Answered

Chosen Option : 2

Q.16 Find the remainder when $11^9 + 7$ is divided by 10.

- Ans ☒ 1. 8
☒ 2. 7
☒ 3. 1
☒ 4. 9

Question ID : 9489119850
Option 1 ID : 94891139397
Option 2 ID : 94891139398
Option 3 ID : 94891139400
Option 4 ID : 94891139399
Status : Answered
Chosen Option : 1

Q.17 When was the first synchronous census conducted in India?

- Ans ☒ 1. 1881
☒ 2. 1972
☒ 3. 1873
☒ 4. 2001

Question ID : 9489119226
Option 1 ID : 94891136902
Option 2 ID : 94891136903
Option 3 ID : 94891136904
Option 4 ID : 94891136901
Status : Answered
Chosen Option : 1

Q.18 Who built the 'Shahi' road connecting Indus Valley to Sonar Valley?

- Ans ☒ 1. Shahjahan
☒ 2. Akbar
☒ 3. Sher Shah Suri
☒ 4. Humayun

Question ID : 9489119239
Option 1 ID : 94891136956
Option 2 ID : 94891136953
Option 3 ID : 94891136954
Option 4 ID : 94891136955
Status : Answered
Chosen Option : 3

Q.19 The HCF of 156, 455 and 1183 is:

- Ans
-  1. 7
 -  2. 3
 -  3. 13
 -  4. 17

Question ID : 9489119848

Option 1 ID : 94891139391

Option 2 ID : 94891139392

Option 3 ID : 94891139390

Option 4 ID : 94891139389

Status : Answered

Chosen Option : 3

Q.20 The number $0.124\overline{64}$ in the form $\frac{p}{q}$ is equal to:

- Ans
-  1. $\frac{117}{1950}$
 -  2. $\frac{17}{950}$
 -  3. $\frac{617}{4950}$
 -  4. $\frac{67}{4999}$

Question ID : 9489119846

Option 1 ID : 94891139382

Option 2 ID : 94891139381

Option 3 ID : 94891139383

Option 4 ID : 94891139384

Status : Answered

Chosen Option : 3

Q.21 If $\sin A = \frac{4}{\sqrt{17}}$ then $\tan 2A = ?$ ($0^\circ < A < 90^\circ$)

Ans

✓ 1. $-\frac{8}{15}$

✗ 2. $-\frac{21}{15}$

✗ 3. $-\frac{7}{15}$

✗ 4. $-\frac{4}{15}$

Question ID : 9489119870

Option 1 ID : 94891139479

Option 2 ID : 94891139480

Option 3 ID : 94891139478

Option 4 ID : 94891139477

Status : Answered

Chosen Option : 1

Q.22 Which agency has built and is maintaining the Leh-Manali Highway?

Ans

✗ 1. Himachal Pradesh State Highway Authority

✗ 2.

National Highways and Infrastructure Development Corporation (NHIDCL)

✓ 3. The Border Road Organisation

✗ 4. National Highway Authority of India

Question ID : 9489119243

Option 1 ID : 94891136971

Option 2 ID : 94891136972

Option 3 ID : 94891136970

Option 4 ID : 94891136969

Status : Answered

Chosen Option : 2

Q.23 Who was the author of the Sanskrit epic Mahabharata?

- Ans
- ☒ 1. Shree Sukhdevji
 - ☒ 2. Shree Krishna
 - ☒ 3. Maharishi Veda Vyasa
 - ☒ 4. Maharishi Valmiki

Question ID : 9489119209

Option 1 ID : 94891136836

Option 2 ID : 94891136835

Option 3 ID : 94891136834

Option 4 ID : 94891136833

Status : Answered

Chosen Option : 3

Q.24 According to Article 170, the number of seats in the Legislative Assembly of each State should not be more than _____.

- Ans
- ☒ 1. 550
 - ☒ 2. 475
 - ☒ 3. 525
 - ☒ 4. 500

Question ID : 9489119227

Option 1 ID : 94891136908

Option 2 ID : 94891136905

Option 3 ID : 94891136906

Option 4 ID : 94891136907

Status : Answered

Chosen Option : 1

Q.25 The ratio of two numbers is 3 : 5 and their LCM is 105. What is the difference between the numbers?

- Ans
- ☒ 1. 10
 - ☒ 2. 7
 - ☒ 3. 14
 - ☒ 4. 4

Question ID : 9489119851

Option 1 ID : 94891139404

Option 2 ID : 94891139402

Option 3 ID : 94891139403

Option 4 ID : 94891139401

Status : Answered

Chosen Option : 3

Q.26 Who among the following organized the “Red Shirts” movement?

- Ans
- ☐ 1. J. B. Kriplani
 - ☒ 2. Khan Abdul Gaffar Khan
 - ☐ 3. Shaukat Ali
 - ☐ 4. Maulana Abul Kalam Azad

Question ID : 9489119217

Option 1 ID : 94891136865

Option 2 ID : 94891136867

Option 3 ID : 94891136868

Option 4 ID : 94891136866

Status : Not Answered

Chosen Option : --

Q.27 2 men and 3 women can earn ₹49 in 7 days. 3 men and 6 women can earn ₹96 in 8 days. In what time 1 man and 1 woman earn ₹27?

- Ans
- ☒ 1. 9 days
 - ☐ 2. 8 days
 - ☐ 3. 10 days
 - ☐ 4. 7 days

Question ID : 9489119863

Option 1 ID : 94891139450

Option 2 ID : 94891139452

Option 3 ID : 94891139451

Option 4 ID : 94891139449

Status : Answered

Chosen Option : 1

Q.28 Calculate the mean for the following data.

5.2, 13.3, 17.5, 19.5, 21.4

- Ans
- ☒ 1. 15.38
 - ☐ 2. 15.20
 - ☐ 3. 15.50
 - ☐ 4. 15.68

Question ID : 9489119868

Option 1 ID : 94891139470

Option 2 ID : 94891139469

Option 3 ID : 94891139471

Option 4 ID : 94891139472

Status : Answered

Chosen Option : 1

Q.29 If with simple interest, an amount doubles in 5 years, how many times of the original amount, will it be after 8 years with same rate of simple interest?

Ans

 1. $2\frac{1}{5}$ times

 2. $3\frac{2}{5}$ times

 3. $2\frac{3}{5}$ times

 4. $3\frac{3}{5}$ times

Question ID : 9489119859

Option 1 ID : 94891139433

Option 2 ID : 94891139435

Option 3 ID : 94891139434

Option 4 ID : 94891139436

Status : Answered

Chosen Option : 3

Q.30 Which software is more useful for presentation in a classroom?

Ans

 1. Microsoft Access

 2. Microsoft Excel

 3. Microsoft Power Point

 4. Microsoft Word

Question ID : 9489119236

Option 1 ID : 94891136943

Option 2 ID : 94891136944

Option 3 ID : 94891136942

Option 4 ID : 94891136941

Status : Answered

Chosen Option : 3

Q.31 Rama packs 36 boxes in 1 h. Her sister needs 3 h to pack the same number. How much time will they together take to pack these 36 boxes?

Ans

 1. 40 min

 2. 38 min

 3. 42 min

 4. 45 min

Question ID : 9489119861

Option 1 ID : 94891139441

Option 2 ID : 94891139444

Option 3 ID : 94891139443

Option 4 ID : 94891139442

Status : Answered

Chosen Option : 4

Q.32 Select the option in which the numbers share the same relationship as that shared by the given group of numbers.

(15, 7, 110)

- Ans
- ☒ 1. (21, 4, 90)
 - ☒ 2. (17, 2, 44)
 - ☒ 3. (44, 2, 95)
 - ☒ 4. (18, 5, 95)

Question ID : 9489119393

Option 1 ID : 94891137570

Option 2 ID : 94891137572

Option 3 ID : 94891137571

Option 4 ID : 94891137569

Status : Answered

Chosen Option : 4

Q.33 Two regular polygons have the same number of sides. Their lengths are in the ratio 7 : 5 and the area of the larger polygon is 1127 cm^2 . Find the area of the smaller polygon.

- Ans
- ☒ 1. 575 cm^2
 - ☒ 2. 565 cm^2
 - ☒ 3. 585 cm^2
 - ☒ 4. 550 cm^2

Question ID : 9489119872

Option 1 ID : 94891139486

Option 2 ID : 94891139487

Option 3 ID : 94891139485

Option 4 ID : 94891139488

Status : Answered

Chosen Option : 1

Q.34

The value of $\frac{\frac{8}{3} \div \frac{3}{5} \times \frac{7}{5}}{\frac{5}{3} \div \frac{5}{7} \times \frac{8}{9}} \div 9$ is:

Ans

✓ 1. $\frac{1}{3}$

✗ 2. $\frac{3}{5}$

✗ 3. $\frac{2}{3}$

✗ 4. $\frac{1}{5}$

Question ID : 9489119844

Option 1 ID : 94891139374

Option 2 ID : 94891139376

Option 3 ID : 94891139373

Option 4 ID : 94891139375

Status : Answered

Chosen Option : 1

Q.35 Which article of the Indian Constitution declares Hindi as the language of the Union?

Ans

✗ 1. Article 29(1)

✗ 2. Article 29(2)

✗ 3. Article 343(2)

✓ 4. Article 343(1)

Question ID : 9489119229

Option 1 ID : 94891136914

Option 2 ID : 94891136916

Option 3 ID : 94891136915

Option 4 ID : 94891136913

Status : Answered

Chosen Option : 3

Q.36 The greatest number of four digits which is divisible by 18, 25, 45 and 55 is:

Ans  1. 9900

 2. 9950

 3. 9500

 4. 9940

Question ID : 9489119853

Option 1 ID : 94891139412

Option 2 ID : 94891139409

Option 3 ID : 94891139411

Option 4 ID : 94891139410

Status : Answered

Chosen Option : 1

Q.37 The sum of the salaries of A and B together is ₹4300. A spends 95% of his salary and B, 80% of his salary. If their savings are the same, what is A's salary?

Ans  1. ₹3440

 2. ₹3445

 3. ₹3442

 4. ₹3430

Question ID : 9489119860

Option 1 ID : 94891139438

Option 2 ID : 94891139439

Option 3 ID : 94891139440

Option 4 ID : 94891139437

Status : Answered

Chosen Option : 1

Q.38 Arrange the following events during India's freedom struggle, chronologically:

I. The Salt March

II. Jallianwala Bagh Massacre

III. Quit India Movement

IV. Non Cooperation Movement

Ans  1. I, II, III, IV

 2. II, IV, I, III

 3. III, IV, II, I

 4. IV, I, II, III

Question ID : 9489119218

Option 1 ID : 94891136869

Option 2 ID : 94891136871

Option 3 ID : 94891136870

Option 4 ID : 94891136872

Status : Answered

Chosen Option : 2

Q.39 Looking at a photo of a person a girl said, "His daughter's paternal uncle's wife is my mother." What is the relation of that girl to the mother of the person in the photo?

- Ans
- ☒ 1. Son's Daughter
 - ☐ 2. Father's Mother
 - ☐ 3. Brother's Daughter
 - ☐ 4. Daughter's Daughter

Question ID : 9489119379

Option 1 ID : 94891137513

Option 2 ID : 94891137516

Option 3 ID : 94891137515

Option 4 ID : 94891137514

Status : Answered

Chosen Option : 1

Q.40 Calculate the standard deviation for the following data.

3, 4, 5, 6, 7

- Ans
- ☐ 1. $\sqrt{3}$
 - ☐ 2. $\sqrt{6}$
 - ☒ 3. $\sqrt{2}$
 - ☐ 4. 2

Question ID : 9489119869

Option 1 ID : 94891139473

Option 2 ID : 94891139475

Option 3 ID : 94891139474

Option 4 ID : 94891139476

Status : Not Answered

Chosen Option : --

Q.41 Five persons A, B, C, D and E are taking part in a race, each with a car of different colour, i.e. black, white, blue, yellow, red, not necessarily in same order. Blue car is leading in the race and A is the slowest person in the race. The one that has red car is just behind E. B has a white car and it needs to cross just one person to be at the second position. C is just behind D. The one who is at the second last position does not drive black car. Who is driving yellow car and what is its position in the race?

- Ans**
-  1. B, 3rd
 -  2. A, 5th
 -  3. D, 3rd
 -  4. E, 4th

Question ID : 9489119402

Option 1 ID : 94891137608

Option 2 ID : 94891137607

Option 3 ID : 94891137606

Option 4 ID : 94891137605

Status : Answered

Chosen Option : 4

Q.42 If one angle of a parallelogram is 12° less than twice the smallest angle of the same parallelogram, then the largest angle of the parallelogram is:

- Ans**
-  1. 116°
 -  2. 106°
 -  3. 136°
 -  4. 86°

Question ID : 9489119873

Option 1 ID : 94891139490

Option 2 ID : 94891139489

Option 3 ID : 94891139491

Option 4 ID : 94891139492

Status : Answered

Chosen Option : 1

Q.43 A person invested $\frac{1}{4}$ of his capital at $3\frac{1}{2}\%$, $\frac{1}{3}$ at $7\frac{1}{2}\%$ and the remaining at 8% simple interest. If the amount of the yearly simple interest is ₹2,576 then what is the amount of the capital?

- Ans**
-  1. ₹39500
 -  2. ₹36800
 -  3. ₹38400
 -  4. ₹27600

Question ID : 9489119858

Option 1 ID : 94891139430

Option 2 ID : 94891139432

Option 3 ID : 94891139429

Option 4 ID : 94891139431

Status : Answered

Chosen Option : 3

Q.44 In a certain code language, DUMBLEDORE is written as DOREELDUMB and INDIVIDUAL is written as DUALIVINDI. How will APPENDICES be written as in that language?

- Ans**
-  1. PEAPDNESIC
 -  2. ICESNDAPPE
 -  3. PEPADNCISE
 -  4. ICESDNAPPE

Question ID : 9489119377
Option 1 ID : 94891137505
Option 2 ID : 94891137507
Option 3 ID : 94891137508
Option 4 ID : 94891137506

Status : Answered
Chosen Option : 4

Q.45 A to H are sitting in a row but not necessarily in the same order. E is the fifth from the left and A is the fifth from the right. B and D are adjacent to each other. H is at one end and not a neighbour of D. A is between C and E. There are two persons between E and G. There are three persons between A and D. Who is the third to the left of the person sitting fourth to the right of C?

- Ans**
-  1. H
 -  2. A
 -  3. B
 -  4. F

Question ID : 9489119401
Option 1 ID : 94891137602
Option 2 ID : 94891137603
Option 3 ID : 94891137601
Option 4 ID : 94891137604

Status : Answered
Chosen Option : 2

Q.46 Solve the given equation.

$$0.5 \times 0.5 - 0.5 \div 5 \div 0.5 = ?$$

- Ans**
-  1. 0.025
 -  2. 0.25
 -  3. 0.50
 -  4. 0.05

Question ID : 9489119845
Option 1 ID : 94891139379
Option 2 ID : 94891139377
Option 3 ID : 94891139380
Option 4 ID : 94891139378

Status : Answered
Chosen Option : 4

Q.47 Which of the following politicians has never been a leader of the House in the Lok Sabha?

- Ans**
- ☒ 1. Shri Narendra Modi
 - ☒ 2. Shri Atal Bihari Bajpayee
 - ☒ 3. Shri Manmohan Singh
 - ☒ 4. Shri Pranab Mukherjee

Question ID : 9489119228

Option 1 ID : 94891136909

Option 2 ID : 94891136912

Option 3 ID : 94891136911

Option 4 ID : 94891136910

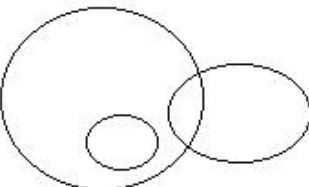
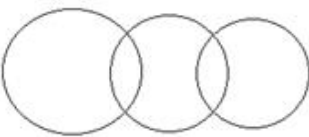
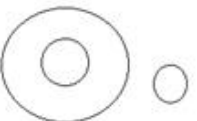
Status : **Not Answered**

Chosen Option : --

Q.48 Select the Venn diagram that best represents the relationship between the following classes.

Birds, Ostriches, Bats

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 9489119396

Option 1 ID : 94891137583

Option 2 ID : 94891137584

Option 3 ID : 94891137581

Option 4 ID : 94891137582

Status : **Answered**

Chosen Option : 4

Q.49 Which two signs need to be interchanged to make the following equation correct?

$$24 + 3 \times 4 - 30 \div 10 = 12$$

- Ans
-  1. $\div$ and $\times$
 -  2. $+$ and $\div$
 -  3. $\div$ and $-$
 -  4. $+$ and $-$

Question ID : 9489119385

Option 1 ID : 94891137539

Option 2 ID : 94891137538

Option 3 ID : 94891137540

Option 4 ID : 94891137537

Status : Answered

Chosen Option : 2

Q.50 In a certain code language, CALCULATOR is written as ACCLUTARO and HEARTBREAK is written as EHRABTERKA. How will EKSEKTRA be written as in that language?

- Ans
-  1. KESETKAR
 -  2. KEESKTAR
 -  3. KEESTKRA
 -  4. KEESTKAR

Question ID : 9489119376

Option 1 ID : 94891137502

Option 2 ID : 94891137501

Option 3 ID : 94891137503

Option 4 ID : 94891137504

Status : Answered

Chosen Option : 4

Q.51 How many factors of $2^7 \times 3^4 \times 5^3 \times 7$ are even?

- Ans
-  1. 40
 -  2. 84
 -  3. 320
 -  4. 280

Question ID : 9489119852

Option 1 ID : 94891139407

Option 2 ID : 94891139405

Option 3 ID : 94891139408

Option 4 ID : 94891139406

Status : Answered

Chosen Option : 4

Q.52 What is the standard noise level proposed by the Central Board for Pollution Control for residential areas during the night?

- Ans
- ☐ 1. 25db
 - ☐ 2. 35db
 - ☒ 3. 45db
 - ☐ 4. 65db

Question ID : 9489119234

Option 1 ID : 94891136936

Option 2 ID : 94891136935

Option 3 ID : 94891136933

Option 4 ID : 94891136934

Status : Answered

Chosen Option : 3

Q.53 In a class, the ratio of girls and boys is 13:12. Find the percentage of the girls in the class.

- Ans
- ☐ 1. 25%
 - ☒ 2. 52%
 - ☐ 3. 13%
 - ☐ 4. 48%

Question ID : 9489119854

Option 1 ID : 94891139415

Option 2 ID : 94891139414

Option 3 ID : 94891139416

Option 4 ID : 94891139413

Status : Answered

Chosen Option : 2

Q.54 Which of the following British policies triggered people to assemble at Jallianwala Bagh, Amritsar?

- Ans
- ☐ 1. The Pitts India Act
 - ☐ 2. Simon Commission
 - ☒ 3. Rowlatt Act
 - ☐ 4. Government of India Act

Question ID : 9489119220

Option 1 ID : 94891136877

Option 2 ID : 94891136879

Option 3 ID : 94891136878

Option 4 ID : 94891136880

Status : Answered

Chosen Option : 3

Q.55 Where is the office of the Governor of the Reserve Bank of India?

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

Question ID : 9489119240

Option 1 ID : 94891136957

Option 2 ID : 94891136958

Option 3 ID : 94891136959

Option 4 ID : 94891136960

Status : Answered

Chosen Option : 2

Q.56 Saltoro Kangri Peak are located on which of the following borders?

- Ans
- ☐ 1. Indo-Nepal border
 - ☐ 2. Indo-Tibetan border
 - ☒ 3. Indo-Pak border
 - ☐ 4. Indo-China border

Question ID : 9489119224

Option 1 ID : 94891136895

Option 2 ID : 94891136896

Option 3 ID : 94891136893

Option 4 ID : 94891136894

Status : Answered

Chosen Option : 2

Q.57 The value of $\frac{1-x^4}{1+x} \div \frac{1+x^2}{x} \times \frac{1}{x(x-1)}$ is:

(if x is not equal to 0, -1, 1)

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

Question ID : 9489119865

Option 1 ID : 94891139460

Option 2 ID : 94891139459

Option 3 ID : 94891139458

Option 4 ID : 94891139457

Status : Answered

Chosen Option : 4

Q.58 What is the term that can replace the question mark (?)

7Y7, 14X9, 23W11, 34V13, 47U15, ? , 79S19

- Ans  1. 62T17
 2. 60T19
 3. 64Q17
 4. 64R15

Question ID : 9489119388
Option 1 ID : 94891137550
Option 2 ID : 94891137549
Option 3 ID : 94891137552
Option 4 ID : 94891137551
Status : Answered
Chosen Option : 1

Q.59 Generally in which month does the United Nations call its full General Assembly every year?

- Ans  1. June
 2. January
 3. September
 4. March

Question ID : 9489119233
Option 1 ID : 94891136931
Option 2 ID : 94891136929
Option 3 ID : 94891136932
Option 4 ID : 94891136930
Status : Not Answered
Chosen Option : --

Q.60 In which year did India join the Shanghai Cooperation Organisation?

- Ans  1. 2001
 2. 2005
 3. 2019
 4. 2017

Question ID : 9489119235
Option 1 ID : 94891136937
Option 2 ID : 94891136939
Option 3 ID : 94891136940
Option 4 ID : 94891136938
Status : Not Answered
Chosen Option : --

Q.61 Which of the following river flows through the Dadra and Nagar Haveli?

- Ans  1. Godavari
 2. Dawan
 3. Tapti
 4. Mithi

Question ID : 9489119242
Option 1 ID : 94891136968
Option 2 ID : 94891136966
Option 3 ID : 94891136965
Option 4 ID : 94891136967
Status : Not Answered
Chosen Option : --

Q.62 If $x - y = 1$, then the value of $x^3 - y^3 - 3xy$ will be:

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

Question ID : 9489119864
Option 1 ID : 94891139453
Option 2 ID : 94891139456
Option 3 ID : 94891139454
Option 4 ID : 94891139455
Status : Answered
Chosen Option : 3

Q.63 What is the ratio of nitrogen and hydrogen in ammonia on the basis of mass?

- Ans  1. 14 : 8
 2. 14 : 3
 3. 1 : 8
 4. 3 : 14

Question ID : 9489119215
Option 1 ID : 94891136860
Option 2 ID : 94891136859
Option 3 ID : 94891136857
Option 4 ID : 94891136858
Status : Answered
Chosen Option : 2

Q.64 If the annual rate of simple interest increases from 8% to $12\frac{1}{2}\%$, a person's yearly income from interest increases by ₹369 then what is the principal amount of his investment?

- Ans
- ☐ 1. ₹8,100
 - ☐ 2. ₹8,500
 - ☐ 3. ₹8,150
 - ☒ 4. ₹8,200

Question ID : 9489119857

Option 1 ID : 94891139425

Option 2 ID : 94891139428

Option 3 ID : 94891139427

Option 4 ID : 94891139426

Status : Answered

Chosen Option : 4

Q.65 What was the base of first generation computer systems?

- Ans
- ☐ 1. Transistor based
 - ☒ 2. Vacuum tube based
 - ☐ 3. Integrated Circuit based
 - ☐ 4. VLSI microprocessor based

Question ID : 9489119237

Option 1 ID : 94891136945

Option 2 ID : 94891136948

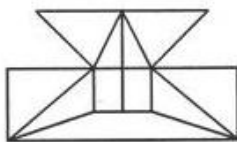
Option 3 ID : 94891136946

Option 4 ID : 94891136947

Status : Answered

Chosen Option : 2

Q.66 Find the number of straight lines required to make the given figure.



- Ans
- ☐ 1. 18
 - ☐ 2. 15
 - ☒ 3. 17
 - ☐ 4. 16

Question ID : 9489119398

Option 1 ID : 94891137592

Option 2 ID : 94891137589

Option 3 ID : 94891137591

Option 4 ID : 94891137590

Status : Answered

Chosen Option : 3

Q.67 How many children have been awarded the Pradhan Mantri Rashtriya Bal Pурсakar 2021?

- Ans ☒ 1. 32
☐ 2. 36
☐ 3. 34
☐ 4. 30

Question ID : 9489119206
Option 1 ID : 94891136822
Option 2 ID : 94891136824
Option 3 ID : 94891136823
Option 4 ID : 94891136821

Status : Answered
Chosen Option : 4

Q.68 As per the census of 2011 which of the following is the highest populated state in India?

- Ans ☒ 1. Uttar Pradesh
☐ 2. Bihar
☐ 3. Rajasthan
☐ 4. Madhya Pradesh

Question ID : 9489119222
Option 1 ID : 94891136886
Option 2 ID : 94891136885
Option 3 ID : 94891136887
Option 4 ID : 94891136888

Status : Answered
Chosen Option : 1

Q.69 Which of the following is NOT found in human blood?

- Ans ☐ 1. Lymphocyte
☒ 2. Chondrocyte
☐ 3. Monocyte
☐ 4. Leucocyte

Question ID : 9489119216
Option 1 ID : 94891136862
Option 2 ID : 94891136863
Option 3 ID : 94891136864
Option 4 ID : 94891136861

Status : Answered
Chosen Option : 2

Q.70 If the cost price of 19 books is equal to the selling price of 25 books, the percentage loss is:

- Ans
- ☒ 1. 27%
 - ☒ 2. 22%
 - ☒ 3. 24%
 - ☒ 4. 25%

Question ID : 9489119855
Option 1 ID : 94891139420
Option 2 ID : 94891139417
Option 3 ID : 94891139418
Option 4 ID : 94891139419

Status : Answered
Chosen Option : 3

Q.71 Which of the following states has the highest road density?

- Ans
- ☒ 1. Kerala
 - ☒ 2. Uttar Pradesh
 - ☒ 3. Karnataka
 - ☒ 4. Madhya Pradesh

Question ID : 9489119241
Option 1 ID : 94891136964
Option 2 ID : 94891136962
Option 3 ID : 94891136961
Option 4 ID : 94891136963

Status : Not Answered
Chosen Option : --

Q.72 On which date is International Yoga day celebrated?

- Ans
- ☒ 1. 1st May
 - ☒ 2. 5th June
 - ☒ 3. 21st June
 - ☒ 4. 21st May

Question ID : 9489119208
Option 1 ID : 94891136831
Option 2 ID : 94891136830
Option 3 ID : 94891136829
Option 4 ID : 94891136832

Status : Answered
Chosen Option : 3

Q.73 Select the number that can replace the question mark (?) in the following series.

1, 3, 6, 11, 18, 29, 42, ?

- Ans
- ☒ 1. 57
 - ☒ 2. 63
 - ☒ 3. 59
 - ☒ 4. 55

Question ID : 9489119387

Option 1 ID : 94891137546

Option 2 ID : 94891137545

Option 3 ID : 94891137547

Option 4 ID : 94891137548

Status : Answered

Chosen Option : 3

Q.74 Which institute is known as the mother of institutions involved in research on nuclear and accelerator technology?

- Ans
- ☒ 1. Indira Gandhi Centre for Atomic Research
 - ☒ 2. Bhabha Atomic Research Centre
 - ☒ 3. Variable Energy Cyclotron Centre
 - ☒ 4. Raja Ramanna Centre for Advanced Technology

Question ID : 9489119231

Option 1 ID : 94891136922

Option 2 ID : 94891136921

Option 3 ID : 94891136924

Option 4 ID : 94891136923

Status : Answered

Chosen Option : 2

Q.75 If $2.5x = 0.05y$, then $\frac{y-x}{y+x} = ?$

- Ans
- ☒ 1. $\frac{19}{51}$
 - ☒ 2. $\frac{49}{50}$
 - ☒ 3. $\frac{19}{50}$
 - ☒ 4. $\frac{49}{51}$

Question ID : 9489119847

Option 1 ID : 94891139387

Option 2 ID : 94891139386

Option 3 ID : 94891139388

Option 4 ID : 94891139385

Status : Answered

Chosen Option : 4

Q.76 Select the number from among the options given that is related to the fifth number in the same way as the second and fourth numbers are related to the first and third numbers respectively.

15 : 90 :: 203 : 1015 :: 16 : x

- Ans**
-  1. 120
 -  2. 96
 -  3. 128
 -  4. 112

Question ID : 9489119374

Option 1 ID : 94891137496

Option 2 ID : 94891137494

Option 3 ID : 94891137493

Option 4 ID : 94891137495

Status : Answered

Chosen Option : 4

Q.77 What do we call the process of contraction of the cell away from the cell wall due to water loss?

- Ans**
-  1. Plasmolysis
 -  2. DE plasmolysis
 -  3. Cytolysis
 -  4. Photosynthesis

Question ID : 9489119213

Option 1 ID : 94891136849

Option 2 ID : 94891136851

Option 3 ID : 94891136852

Option 4 ID : 94891136850

Status : Not Answered

Chosen Option : --

Q.78 You are given two statements:

(1) Some notebooks are laptops.

(2) All laptops are wallets.

Which of the following conclusions is/are true?

A. Some wallets are notebooks.

B. Some laptops are wallets.

Ans

 1. Either A or B

 2. Neither A nor B

 3. A alone

 4. Both A and B

Question ID : 9489119375

Option 1 ID : 94891137499

Option 2 ID : 94891137497

Option 3 ID : 94891137500

Option 4 ID : 94891137498

Status : Answered

Chosen Option : 4

Q.79 Where is Raja Ramanna Centre for Advanced Technology, a unit of the Department of Atomic Energy situated?

Ans

 1. Patna

 2. Jammu

 3. Mumbai

 4. Indore

Question ID : 9489119230

Option 1 ID : 94891136918

Option 2 ID : 94891136919

Option 3 ID : 94891136917

Option 4 ID : 94891136920

Status : Not Answered

Chosen Option : --

Q.80 Which movement is called India's first Civil Disobedience Movement?

- Ans
- ☐ 1. Non-Cooperation Movement
 - ☐ 2. Khilafat Movement
 - ☒ 3. Champaran Movement
 - ☐ 4. Kheda Movement

Question ID : 9489119219
Option 1 ID : 94891136875
Option 2 ID : 94891136874
Option 3 ID : 94891136876
Option 4 ID : 94891136873
Status : Answered
Chosen Option : 1

Q.81 When was the first population census conducted in India?

- Ans
- ☐ 1. 1911
 - ☐ 2. 1951
 - ☒ 3. 1872
 - ☐ 4. 1882

Question ID : 9489119223
Option 1 ID : 94891136891
Option 2 ID : 94891136889
Option 3 ID : 94891136892
Option 4 ID : 94891136890
Status : Answered
Chosen Option : 3

Q.82 Select the letter-cluster that can replace the question mark (?) in the following analogy.

YLP : KOB :: BUS : HFY :: RAN : ?

- Ans
- ☐ 1. NSX
 - ☐ 2. LGR
 - ☒ 3. MZI
 - ☐ 4. PYD

Question ID : 9489119378
Option 1 ID : 94891137512
Option 2 ID : 94891137510
Option 3 ID : 94891137509
Option 4 ID : 94891137511
Status : Answered
Chosen Option : 3

Q.83 How was the cell discovered by Robert Hook?

- Ans
- ☒ 1. By observing cork
 - ☐ 2. By observing blood
 - ☐ 3. By observing tree leaves
 - ☐ 4. By observing an onion peel

Question ID : 9489119212

Option 1 ID : 94891136848

Option 2 ID : 94891136846

Option 3 ID : 94891136847

Option 4 ID : 94891136845

Status : Answered

Chosen Option : 1

Q.84 The LCM of two prime numbers x and y ($x > y$) is 119. The value of $3y - x$ is:

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

Question ID : 9489119849

Option 1 ID : 94891139396

Option 2 ID : 94891139393

Option 3 ID : 94891139394

Option 4 ID : 94891139395

Status : Answered

Chosen Option : 3

Q.85 As per the census of 2011 what is the population density in India?

- Ans
- ☐ 1. 829 persons per sq km
 - ☐ 2. 11,320 persons per sq km
 - ☒ 3. 382 persons per sq km
 - ☐ 4. 400 persons per sq km

Question ID : 9489119225

Option 1 ID : 94891136899

Option 2 ID : 94891136898

Option 3 ID : 94891136900

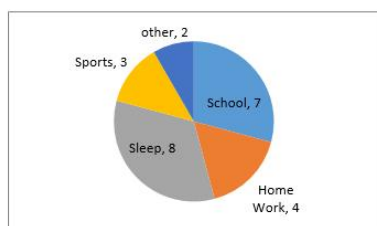
Option 4 ID : 94891136897

Status : Not Answered

Chosen Option : --

Q.86 Study the pie chart and answer the question that follows.

The pie chart shows the numbers of hours used for different activities of the day. Total hours in a day are 24.



What part of the day is spent in school and other activities?

Ans

☒ 1. $\frac{5}{8}$

☒ 2. $\frac{7}{24}$

☒ 3. $\frac{3}{8}$

☒ 4. $\frac{2}{9}$

Question ID : 9489119389

Option 1 ID : 94891137553

Option 2 ID : 94891137556

Option 3 ID : 94891137554

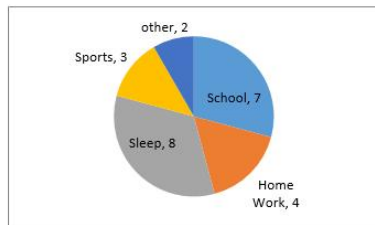
Option 4 ID : 94891137555

Status : Answered

Chosen Option : 3

Q.87 Study the pie chart and answer the question that follows.

The pie chart shows the numbers of hours used for different activities of the day. Total hours in a day are 24.



What is the measure of the central angle with respect to sleep?

- Ans**
- ☒ 1. 160°
 - ☒ 2. 135°
 - ☒ 3. 120°
 - ☒ 4. 145°

Question ID : 9489119390

Option 1 ID : 94891137560

Option 2 ID : 94891137557

Option 3 ID : 94891137558

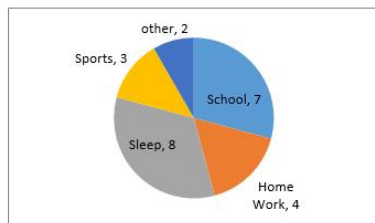
Option 4 ID : 94891137559

Status : Answered

Chosen Option : 3

Q.88 Study the pie chart and answer the question that follows.

The pie chart shows the numbers of hours used for different activities of the day. Total hours in a day are 24.



What is the percentage of hours spent on sports in a day?

- Ans**
- ☒ 1. 15%
 - ☒ 2. 13.5%
 - ☒ 3. 12.5%
 - ☒ 4. 12%

Question ID : 9489119391

Option 1 ID : 94891137561

Option 2 ID : 94891137564

Option 3 ID : 94891137563

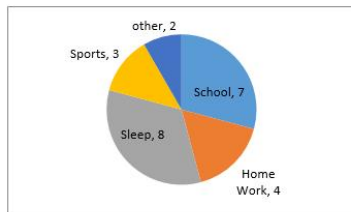
Option 4 ID : 94891137562

Status : Answered

Chosen Option : 3

Q.89 Study the pie chart and answer the question that follows.

The pie chart shows the numbers of hours used for different activities of the day. Total hours in a day are 24.



If a student devotes 4 h to other activities instead of 2 h and reduces 1 h each from school and sports activities, then what will be the approximate percentage decrease in school hours?

- Ans**
- ✓ 1. 14%
 - ✗ 2. 15%
 - ✗ 3. 13%
 - ✗ 4. 18%

Question ID : 9489119392

Option 1 ID : 94891137566

Option 2 ID : 94891137565

Option 3 ID : 94891137568

Option 4 ID : 94891137567

Status : Answered

Chosen Option : 1

Q.90 Select the number that can replace the question mark (?) in the following series.

5, 7, 10, 15, 23, 35, 52, ?

- Ans**
- ✗ 1. 98
 - ✗ 2. 80
 - ✗ 3. 78
 - ✓ 4. 75

Question ID : 9489119384

Option 1 ID : 94891137534

Option 2 ID : 94891137533

Option 3 ID : 94891137536

Option 4 ID : 94891137535

Status : Answered

Chosen Option : 4

Q.91 Six persons A, B, C, K, L and M are sitting on a table facing each other. Three of them are facing the north and the rest are facing the south. A is not opposite to L who is at any of the extreme end positions. K is at one of the middle positions and at immediate right to M. C is at one of the extreme end positions. A is not opposite to K. C and L are on the same side. Who is adjacent to B on the right side?

- Ans
-  1. K
 -  2. L
 -  3. M
 -  4. A

Question ID : 9489119400

Option 1 ID : 94891137598

Option 2 ID : 94891137597

Option 3 ID : 94891137599

Option 4 ID : 94891137600

Status : Answered

Chosen Option : 1

Q.92 Select the option that can replace the question mark (?) in the following series.

CXM9, EVO7, GTQ5, IRS3, ?

- Ans
-  1. KPU7
 -  2. XPU1
 -  3. JPM9
 -  4. KPU1

Question ID : 9489119386

Option 1 ID : 94891137541

Option 2 ID : 94891137542

Option 3 ID : 94891137543

Option 4 ID : 94891137544

Status : Answered

Chosen Option : 4

Q.93 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.

Statements:

No mirror is sunglasses. All mirrors are lenses.

Conclusions:

1. All sunglasses are lenses.
2. Some sunglasses are lenses.

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

Question ID : 9489119380

Option 1 ID : 94891137520

Option 2 ID : 94891137518

Option 3 ID : 94891137517

Option 4 ID : 94891137519

Status : Answered

Chosen Option : 1

Q.94 In three of the four letter pairs given below, the first letter is related to the second letter in a similar manner. Identify the odd letter-pair.

Ans  1. V : D
 2. L : B
 3. N : E
 4. X : H

Question ID : 9489119395

Option 1 ID : 94891137580

Option 2 ID : 94891137579

Option 3 ID : 94891137578

Option 4 ID : 94891137577

Status : Answered

Chosen Option : 3

Q.95 Select the option that is different from the rest.

- Ans**
- ☒ 1. Chisel - Carpentry
 - ☒ 2. Missile - Trajectory
 - ☒ 3. Scalpel - Surgery
 - ☒ 4. Needle - Embroidery

Question ID : 9489119397

Option 1 ID : 94891137585

Option 2 ID : 94891137587

Option 3 ID : 94891137586

Option 4 ID : 94891137588

Status : Answered

Chosen Option : 2

Q.96 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Strict government policy must be implemented to tackle tax evasion.

Assumptions:

I: Many people deposit their taxes on time.

II- Those who have very high income do not deposit tax on time.

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

Question ID : 9489119381

Option 1 ID : 94891137521

Option 2 ID : 94891137524

Option 3 ID : 94891137522

Option 4 ID : 94891137523

Status : Answered

Chosen Option : 2

Q.97 Study the given pattern carefully and select the number from the given options that can replace the question mark (?).



- Ans**
- ☒ 1. 241
 - ☒ 2. 162
 - ☒ 3. 543
 - ☒ 4. 342

Question ID : 9489119403

Option 1 ID : 94891137609

Option 2 ID : 94891137611

Option 3 ID : 94891137612

Option 4 ID : 94891137610

Status : Not Answered

Chosen Option : --

Q.98 How will you write 7.17 hours in hours, minutes and seconds?

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

Question ID : 9489119382

Option 1 ID : 94891137526

Option 2 ID : 94891137527

Option 3 ID : 94891137528

Option 4 ID : 94891137525

Status : Answered

Chosen Option : 4

Q.99 A, B, C, D, E and F are sitting at a round table facing the center such that C is not the immediate neighbour of A. B is to the immediate right of C. If E and F exchange their positions, E will be the second to the left of A. D is the immediate neighbour of F. If D and E exchange their positions, who will be the second to the left of B?

- Ans**
- ☒ 1. D
 - ☒ 2. E
 - ☒ 3. F
 - ☒ 4. A

Question ID : 9489119399

Option 1 ID : 94891137593

Option 2 ID : 94891137594

Option 3 ID : 94891137595

Option 4 ID : 94891137596

Status : Answered

Chosen Option : 1

Q.100 Pick the odd one out.

225, 441, 1225, 961, 343

- Ans
-  1. 225
 -  2. 1225
 -  3. 343
 -  4. 961

Question ID : **9489119394**

Option 1 ID : **94891137576**

Option 2 ID : **94891137575**

Option 3 ID : **94891137574**

Option 4 ID : **94891137573**

Status : **Answered**

Chosen Option : **3**