



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	iON Digital Zone iDZ Ramtekdi 1
Test Date	30/12/2020
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

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

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

Section : NTPC

Q.1 If 3 men or 6 boys can complete a task in 20 days, how many days will 6 men and 8 boys take to do the same task?

- Ans ☒ 1. 6
☒ 2. 10
☒ 3. 16
☒ 4. 15

Question ID : 9489111361
 Option 1 ID : 9489115441
 Option 2 ID : 9489115443
 Option 3 ID : 9489115444
 Option 4 ID : 9489115442
 Status : Not Answered
 Chosen Option : --

Q.2 Which is the first nuclear reactor made in India?

- Ans ☒ 1. Apsara
☒ 2. CIRUS
☒ 3. Dhruva
☒ 4. KAMINI

Question ID : 9489111132
 Option 1 ID : 9489114528
 Option 2 ID : 9489114525
 Option 3 ID : 9489114526
 Option 4 ID : 9489114527
 Status : Answered
 Chosen Option : 3

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Q.3 The base of an isosceles triangle is 8 cm and one of its equal sides is 5 cm. The height of the vertex opposite to the base from the base is:

- Ans**
- ☒ 1. 5 cm
 - ☒ 2. 3 cm
 - ☒ 3. 2 cm
 - ☒ 4. 4 cm

Question ID : 9489111366

Option 1 ID : 9489115461

Option 2 ID : 9489115463

Option 3 ID : 9489115464

Option 4 ID : 9489115462

Status : Not Answered

Chosen Option : --

Q.4 Number 0.232323 can be written in rational form as:

- Ans**
- ☒ 1. $\frac{23}{99}$
 - ☒ 2. $\frac{23}{990}$
 - ☒ 3. $\frac{23}{999}$
 - ☒ 4. $\frac{23}{9}$

Question ID : 9489111351

Option 1 ID : 9489115402

Option 2 ID : 9489115404

Option 3 ID : 9489115403

Option 4 ID : 9489115401

Status : Answered

Chosen Option : 2

Q.5 Invertebrates do NOT include:

- Ans**
- ☒ 1. molluscs
 - ☒ 2. arachnids
 - ☒ 3. reptiles
 - ☒ 4. insects

Question ID : 9489111116

Option 1 ID : 9489114461

Option 2 ID : 9489114464

Option 3 ID : 9489114463

Option 4 ID : 9489114462

Status : Answered

Chosen Option : 1

Q.6 Which of the following is composed of nerve fibres that mediate reflex actions and that transmit impulses to and from the brain?

- Ans
- ☐ 1. Heart
 - ☐ 2. Rib cage
 - ☒ 3. Spinal cord
 - ☐ 4. Muscles

Question ID : 9489111112

Option 1 ID : 9489114448

Option 2 ID : 9489114447

Option 3 ID : 9489114445

Option 4 ID : 9489114446

Status : Answered

Chosen Option : 3

Q.7 In the context of computers, tracker balls is a/an _____ device.

- Ans
- ☐ 1. storage
 - ☐ 2. processing
 - ☒ 3. input
 - ☐ 4. output

Question ID : 9489111137

Option 1 ID : 9489114546

Option 2 ID : 9489114545

Option 3 ID : 9489114547

Option 4 ID : 9489114548

Status : Answered

Chosen Option : 3

Q.8 'Garden' is related to 'Gardener' in the same way as 'Museum' is related to '_____'.

- Ans
- ☐ 1. Guide
 - ☒ 2. Curator
 - ☐ 3. Museology
 - ☐ 4. Artist

Question ID : 948911975

Option 1 ID : 9489113899

Option 2 ID : 9489113898

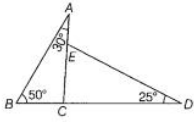
Option 3 ID : 9489113897

Option 4 ID : 9489113900

Status : Answered

Chosen Option : 1

Q.9 In the given diagram, if $\angle BAC = 30^\circ$, $\angle ABC = 50^\circ$ and $\angle CDE = 25^\circ$, then $\angle AED$ is equal to:



- Ans
- ☒ 1. 105°
 - ☐ 2. 115°
 - ☐ 3. 75°
 - ☐ 4. 95°

Question ID : 9489111368

Option 1 ID : 9489115469

Option 2 ID : 9489115470

Option 3 ID : 9489115472

Option 4 ID : 9489115471

Status : Answered

Chosen Option : 2

Q.10 The Nipah virus outbreak in 2018 took place in:

- Ans
- ☐ 1. Uttar Pradesh
 - ☐ 2. Karnataka
 - ☐ 3. Tamil Nadu
 - ☒ 4. Kerala

Question ID : 9489111134

Option 1 ID : 9489114536

Option 2 ID : 9489114535

Option 3 ID : 9489114534

Option 4 ID : 9489114533

Status : Answered

Chosen Option : 4

Q.11 Which state is the largest producer of gold in India?

- Ans
- ☐ 1. Telangana
 - ☒ 2. Karnataka
 - ☐ 3. Chhattisgarh
 - ☐ 4. Jharkhand

Question ID : 9489111123

Option 1 ID : 9489114490

Option 2 ID : 9489114491

Option 3 ID : 9489114492

Option 4 ID : 9489114489

Status : Answered

Chosen Option : 2

Q.12 Which of the following is classified under Kingdom Animalia?

- Ans
- ☒ 1. Protozoa
 - ☒ 2. Metazoa
 - ☒ 3. Choanozoa
 - ☒ 4. Pipiens

Question ID : 9489111115
Option 1 ID : 9489114457
Option 2 ID : 9489114458
Option 3 ID : 9489114459
Option 4 ID : 9489114460
Status : Answered
Chosen Option : 1

Q.13 The Bering Strait connects the:

- Ans
- ☒ 1. Mediterranean Sea and Atlantic Ocean
 - ☒ 2. Indian Ocean and Java Sea
 - ☒ 3. Atlantic Ocean and Gulf of Hudson
 - ☒ 4. Arctic ocean and Pacific Ocean

Question ID : 9489111126
Option 1 ID : 9489114504
Option 2 ID : 9489114501
Option 3 ID : 9489114502
Option 4 ID : 9489114503
Status : Answered
Chosen Option : 3

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 6, 12, 20, 30, 42, ?

- Ans
- ☒ 1. 50
 - ☒ 2. 56
 - ☒ 3. 52
 - ☒ 4. 60

Question ID : 948911986
Option 1 ID : 9489113943
Option 2 ID : 9489113941
Option 3 ID : 9489113942
Option 4 ID : 9489113944
Status : Answered
Chosen Option : 2

Q.15 One kilobyte is equal to _____ bytes.

- Ans
- ☐ 1. 256
 - ☒ 2. 1024
 - ☐ 3. 2048
 - ☐ 4. 512

Question ID : 9489111136
Option 1 ID : 9489114541
Option 2 ID : 9489114544
Option 3 ID : 9489114543
Option 4 ID : 9489114542
Status : Answered
Chosen Option : 2

Q.16 By selling an article for ₹138, a shopkeeper losses 8%. At what price should the article be sold to get a gain of 4% ?

- Ans
- ☒ 1. ₹156
 - ☐ 2. ₹144
 - ☐ 3. ₹210
 - ☐ 4. ₹90

Question ID : 9489111355
Option 1 ID : 9489115417
Option 2 ID : 9489115418
Option 3 ID : 9489115419
Option 4 ID : 9489115420
Status : Answered
Chosen Option : 1

Q.17 Which of the following is the administrative capital of South Africa?

- Ans
- ☐ 1. Cape Town
 - ☐ 2. Bloemfontein
 - ☒ 3. Pretoria
 - ☐ 4. Durban

Question ID : 9489111125
Option 1 ID : 9489114497
Option 2 ID : 9489114498
Option 3 ID : 9489114499
Option 4 ID : 9489114500
Status : Answered
Chosen Option : 3

Q.18 Two dice are thrown simultaneously and the sum of the numbers appearing on them is noted. What is the probability that the sum is 12?

Ans

☐ 1. $\frac{12}{36}$

☐ 2. $\frac{36}{36}$

☒ 3. $\frac{1}{36}$

☐ 4. 3

Question ID : 9489111371

Option 1 ID : 9489115481

Option 2 ID : 9489115484

Option 3 ID : 9489115482

Option 4 ID : 9489115483

Status : Answered

Chosen Option : 3

Q.19 Which of the following is used in plastics?

Ans

☐ 1. Butane

☒ 2. Ethylene

☐ 3. Krypton

☐ 4. Ammonia

Question ID : 9489111111

Option 1 ID : 9489114441

Option 2 ID : 9489114443

Option 3 ID : 9489114442

Option 4 ID : 9489114444

Status : Answered

Chosen Option : 2

Q.20 Value of $\cos 1^\circ \cos 2^\circ \cos 3^\circ \dots \dots \dots \cos 179^\circ$ is :

Ans

☐ 1. -1

☐ 2. 1

☒ 3. 0

☐ 4. $\frac{1}{2}$

Question ID : 9489111370

Option 1 ID : 9489115480

Option 2 ID : 9489115479

Option 3 ID : 9489115478

Option 4 ID : 9489115477

Status : Answered

Chosen Option : 2

Q.21 Who founded the 'Slave Dynasty'?

- Ans
- ☐ 1. Nasir-ud-din Mahmud
 - ☐ 2. Razia Sultan
 - ☒ 3. Qutb-ud-din Aibak
 - ☐ 4. Ghiyas-ud-din Balban

Question ID : 9489111118

Option 1 ID : 9489114471

Option 2 ID : 9489114470

Option 3 ID : 9489114472

Option 4 ID : 9489114469

Status : Answered

Chosen Option : 3

Q.22 Which of the following is the assumption for the claim that 'Pleasure is desirable'?

- Ans
- ☒ 1. Everyone desires pleasure.
 - ☐ 2. Everyone desires something.
 - ☐ 3. Some persons desire pleasure.
 - ☐ 4. Pleasure is essential.

Question ID : 948911981

Option 1 ID : 9489113921

Option 2 ID : 9489113923

Option 3 ID : 9489113924

Option 4 ID : 9489113922

Status : Answered

Chosen Option : 3

Q.23 Who is the author of the book 'Republic'?

- Ans
- ☐ 1. TS Eliot
 - ☒ 2. Plato
 - ☐ 3. John Ruskin
 - ☐ 4. Leo Tolstoy

Question ID : 9489111109

Option 1 ID : 9489114435

Option 2 ID : 9489114434

Option 3 ID : 9489114436

Option 4 ID : 9489114433

Status : Not Answered

Chosen Option : --

Q.24 On the first day 84500 people visited a trade fair. On the 4th day number reduced to 16900. By what percentage people reduced on the 4th day?

- Ans**
- ☒ 1. 80%
 - ☐ 2. 75%
 - ☐ 3. 0%
 - ☐ 4. 20%

Question ID : 9489111360

Option 1 ID : 9489115437

Option 2 ID : 9489115438

Option 3 ID : 9489115439

Option 4 ID : 9489115440

Status : Answered

Chosen Option : 1

Q.25 Parshotam and Anjilka started moving in the opposite directions from the same place at a speed of 30 km/h and 3.5 km/h respectively. How far will they be from each other after 2.5 h?

- Ans**
- ☐ 1. 66.25 km
 - ☐ 2. 8.75 km
 - ☐ 3. 75 km
 - ☒ 4. 83.75 km

Question ID : 9489111362

Option 1 ID : 9489115446

Option 2 ID : 9489115445

Option 3 ID : 9489115448

Option 4 ID : 9489115447

Status : Answered

Chosen Option : 4

Q.26 In the following expression which number should be added so that it becomes a complete square?

$$1+3+7+9+11+13$$

- Ans**
- ☐ 1. 3
 - ☒ 2. 5
 - ☐ 3. 1
 - ☐ 4. 7

Question ID : 9489111350

Option 1 ID : 9489115398

Option 2 ID : 9489115399

Option 3 ID : 9489115397

Option 4 ID : 9489115400

Status : Answered

Chosen Option : 2

Q.27 The 2022 Commonwealth Games are scheduled to be held in:

- Ans
- ☐ 1. Perth
 - ☐ 2. Edinburg
 - ☒ 3. Birmingham
 - ☐ 4. Delhi

Question ID : 9489111104

Option 1 ID : 9489114416

Option 2 ID : 9489114415

Option 3 ID : 9489114413

Option 4 ID : 9489114414

Status : Answered

Chosen Option : 3

Q.28 In a certain code language, VIARAIL is written as XKCTCKN. How will STRATEGY be written as in that language?

- Ans
- ☐ 1. UVTCVGIZ
 - ☒ 2. UVTCVGIA
 - ☐ 3. UVTCVFIA
 - ☐ 4. UWTCVGIA

Question ID : 948911976

Option 1 ID : 9489113902

Option 2 ID : 9489113901

Option 3 ID : 9489113903

Option 4 ID : 9489113904

Status : Answered

Chosen Option : 2

Q.29 Solve the following.

$$(4 + 2 - 16 \div 4 + 3) + \{(1 + 8 \times 7) \div 19\} \times [(3 + 5 - 4) + (17 - 9 \times 4)] = ?$$

- Ans
- ☐ 1. -225
 - ☐ 2. 335
 - ☐ 3. 40
 - ☒ 4. -40

Question ID : 9489111344

Option 1 ID : 9489115374

Option 2 ID : 9489115376

Option 3 ID : 9489115375

Option 4 ID : 9489115373

Status : Answered

Chosen Option : 4

Q.30 The value of $\cos 12^\circ + \cos 84^\circ + \cos 168^\circ + \cos 96^\circ$ is:

- Ans
- ☒ 1. -1
 - ☒ 2. 0
 - ☒ 3. 0.5
 - ☒ 4. 1

Question ID : 9489111372
 Option 1 ID : 9489115488
 Option 2 ID : 9489115485
 Option 3 ID : 9489115487
 Option 4 ID : 9489115486
 Status : Not Answered
 Chosen Option : --

Q.31 What is the smallest number which when increased by 3 is divisible by 27, 35, 25 and 21?

- Ans
- ☒ 1. 4728
 - ☒ 2. 317
 - ☒ 3. 4725
 - ☒ 4. 4722

Question ID : 9489111347
 Option 1 ID : 9489115387
 Option 2 ID : 9489115388
 Option 3 ID : 9489115385
 Option 4 ID : 9489115386
 Status : Answered
 Chosen Option : 4

Q.32 Five boys A, B, C, D and E and five girls P, Q, R, S and T are sitting in two rows opposite each other such that the boys are in one row and the girls are in one row. C is sitting in the center and A is sitting on his left. D is sitting between B and C. T who is to the left of S is sitting opposite B who is two seats away from E. P is sitting between Q and R. Who is sitting opposite E?

- Ans
- ☒ 1. Q
 - ☒ 2. R
 - ☒ 3. P
 - ☒ 4. S

Question ID : 9489111003
 Option 1 ID : 9489114012
 Option 2 ID : 9489114010
 Option 3 ID : 9489114009
 Option 4 ID : 9489114011
 Status : Answered
 Chosen Option : 3

Q.33 What is the full form of DHCP in networking system?

- Ans
- ☒ 1. Dynamic Host Configuration Protocol
 - ☐ 2. Data Host Control Panel
 - ☐ 3. Dynamic Host Control Point
 - ☐ 4. Display House Control Protocol

Question ID : 9489111138

Option 1 ID : 9489114550

Option 2 ID : 9489114551

Option 3 ID : 9489114552

Option 4 ID : 9489114549

Status : Answered

Chosen Option : 1

Q.34 If mean is 40 and standard deviation is 5 then C.V (Coefficient of variation) is

- Ans
- ☐ 1. 5%
 - ☐ 2. 20%
 - ☐ 3. 100 %
 - ☒ 4. 12.5%

Question ID : 9489111373

Option 1 ID : 9489115491

Option 2 ID : 9489115492

Option 3 ID : 9489115489

Option 4 ID : 9489115490

Status : Not Answered

Chosen Option : --

Q.35 India's longest road-cum-rail bridge, connecting Assam and Arunachal Pradesh, is called the:

- Ans
- ☐ 1. Godavari Bridge
 - ☐ 2. Pamban Bridge
 - ☐ 3. Howrah Bridge
 - ☒ 4. Bogibeel Bridge

Question ID : 9489111107

Option 1 ID : 9489114425

Option 2 ID : 9489114428

Option 3 ID : 9489114426

Option 4 ID : 9489114427

Status : Answered

Chosen Option : 4

Q.36 If A is the brother of B, B is the father of C and D is the wife of A, then how is D related to C?

- Ans
- ☒ 1. Niece
 - ☒ 2. Aunt
 - ☒ 3. Nephew
 - ☒ 4. Uncle

Question ID : 948911978
Option 1 ID : 9489113911
Option 2 ID : 9489113912
Option 3 ID : 9489113910
Option 4 ID : 9489113909
Status : Answered
Chosen Option : 2

Q.37 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

ABCD : ZYXW :: GHIJ : ?

- Ans
- ☒ 1. TSRQ
 - ☒ 2. PQRS
 - ☒ 3. MLKJ
 - ☒ 4. LMNO

Question ID : 948911983
Option 1 ID : 9489113930
Option 2 ID : 9489113931
Option 3 ID : 9489113932
Option 4 ID : 9489113929
Status : Answered
Chosen Option : 1

Q.38 A shop keeper sold two toys for ₹990 each. On first toy he gained 10% and on the second he lost 10%. Find the total percentage gain or loss.

- Ans
- ☒ 1. 10% Gain
 - ☒ 2. 1% Loss
 - ☒ 3. 1% Gain
 - ☒ 4. 10% Loss

Question ID : 9489111359
Option 1 ID : 9489115434
Option 2 ID : 9489115435
Option 3 ID : 9489115436
Option 4 ID : 9489115433
Status : Answered
Chosen Option : 3

Q.39 Which of the following welfare schemes' achievements have been recognised by the Guinness World Records?

- Ans ☒ 1. Pradhan Mantri Jan Dhan Yojana
☒ 2. Pradhan Mantri Suraksha Bima Yojana
☒ 3. Pradhan Mantri Kaushal Vikas Yojana
☒ 4. Pradhan Mantri Krishi Sinchai Yojana

Question ID : 9489111141
 Option 1 ID : 9489114562
 Option 2 ID : 9489114561
 Option 3 ID : 9489114563
 Option 4 ID : 9489114564
 Status : Answered
 Chosen Option : 1

Q.40 Which of the following is situated in Jammu and Kashmir?

- Ans ☒ 1. Dachigam National Park
☒ 2. Pakhal Wildlife Sanctuary
☒ 3. Balpakram National Park
☒ 4. Jaldapara National Park

Question ID : 9489111113
 Option 1 ID : 9489114452
 Option 2 ID : 9489114450
 Option 3 ID : 9489114449
 Option 4 ID : 9489114451
 Status : Answered
 Chosen Option : 1

Q.41 Which of the following is NOT an abiotic component?

- Ans ☒ 1. Sunlight
☒ 2. Soil
☒ 3. Green plant
☒ 4. Water

Question ID : 9489111135
 Option 1 ID : 9489114538
 Option 2 ID : 9489114539
 Option 3 ID : 9489114540
 Option 4 ID : 9489114537
 Status : Answered
 Chosen Option : 3

Q.42 Which of the following is an ancient Buddhist text?

- Ans
- ☒ 1. Raghuvamsam
 - ☒ 2. Abhidharma Kosha
 - ☒ 3. Vishnu Purana
 - ☒ 4. Ritusamhara

Question ID : 9489111119

Option 1 ID : 9489114475

Option 2 ID : 9489114476

Option 3 ID : 9489114473

Option 4 ID : 9489114474

Status : Answered

Chosen Option : 1

Q.43 Find the length of the longest pole that can be placed in a room of dimensions 30 m × 15 m × 10 m.

- Ans
- ☒ 1. 33 m
 - ☒ 2. 18 m
 - ☒ 3. 31 m
 - ☒ 4. 35 m

Question ID : 9489111364

Option 1 ID : 9489115454

Option 2 ID : 9489115456

Option 3 ID : 9489115455

Option 4 ID : 9489115453

Status : Answered

Chosen Option : 2

Q.44 A cuboid having the surface area of 3 adjacent faces as a, b, c has the volume:

- Ans
- ☒ 1. $a^3b^3c^3$
 - ☒ 2. $(abc)^{\frac{1}{3}}$
 - ☒ 3. abc
 - ☒ 4. $(abc)^{\frac{1}{2}}$

Question ID : 9489111367

Option 1 ID : 9489115468

Option 2 ID : 9489115465

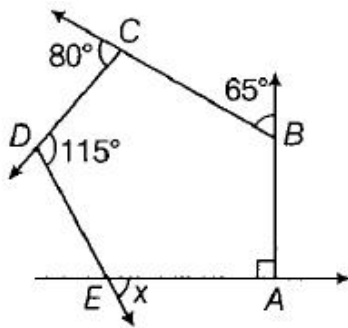
Option 3 ID : 9489115467

Option 4 ID : 9489115466

Status : Answered

Chosen Option : 4

Q.45



In the given figure, value of x is:

- Ans
- ☒ 1. 70°
 - ☒ 2. 60°
 - ☒ 3. 65°
 - ☒ 4. 55°

Question ID : 9489111369
Option 1 ID : 9489115476
Option 2 ID : 9489115474
Option 3 ID : 9489115475
Option 4 ID : 9489115473

Status : Not Answered

Chosen Option : --

Q.46 In which year did the disinvestment process in Public Sector Enterprises in India start?

- Ans
- ☒ 1. 2000
 - ☒ 2. 1991
 - ☒ 3. 2018
 - ☒ 4. 1990

Question ID : 9489111143
Option 1 ID : 9489114571
Option 2 ID : 9489114570
Option 3 ID : 9489114572
Option 4 ID : 9489114569

Status : Not Answered

Chosen Option : --

Q.47 Solve the following.

$$6202.5 + 620.25 + 62.025 + 6.2025 + 0.62025 = ?$$

- Ans
- ☒ 1. 6791.59775
 - ☒ 2. 6891.59775
 - ☒ 3. 6891.59675
 - ☒ 4. 5892.59775

Question ID : 9489111345

Option 1 ID : 9489115377

Option 2 ID : 9489115378

Option 3 ID : 9489115379

Option 4 ID : 9489115380

Status : Answered

Chosen Option : 2

Q.48 'Operation Greens' is a government scheme for:

- Ans
- ☒ 1. general price levels of crops
 - ☒ 2. Supply stabilisation of TOP crops (Tomato Onion Potato)
 - ☒ 3. development of bamboo crops
 - ☒ 4. research and investment in crop education

Question ID : 9489111139

Option 1 ID : 9489114556

Option 2 ID : 9489114554

Option 3 ID : 9489114553

Option 4 ID : 9489114555

Status : Answered

Chosen Option : 3

Q.49

Solve the following.

$$\left[\frac{\left(1 + 4 - \frac{42}{14} + 65\right) + \left\{\frac{(2 + 7 \times 9)}{13}\right\} \times [(65 + 7 - 19)] + (19 - 39 \times 5)}{369} \right] = ?$$

- Ans
- ☒ 1. 234
 - ☒ 2. 224
 - ☒ 3. -24
 - ☒ 4. -25

Question ID : 9489111349
 Option 1 ID : 9489115394
 Option 2 ID : 9489115396
 Option 3 ID : 9489115393
 Option 4 ID : 9489115395
 Status : Not Answered
 Chosen Option : --

Q.50 Which of the following is NOT related to Centre-State relations in India?

- Ans
- ☒ 1. Sarkaria Commission
 - ☒ 2. Punchhi Commission
 - ☒ 3. Rajamannar Committee
 - ☒ 4. Kothari Commission

Question ID : 9489111128
 Option 1 ID : 9489114510
 Option 2 ID : 9489114511
 Option 3 ID : 9489114509
 Option 4 ID : 9489114512
 Status : Not Answered
 Chosen Option : --

Q.51 The down fold in a rock is known as a/an:

- Ans
- ☒ 1. backline
 - ☒ 2. anticline
 - ☒ 3. crestline
 - ☒ 4. syncline

Question ID : 9489111124
 Option 1 ID : 9489114496
 Option 2 ID : 9489114493
 Option 3 ID : 9489114495
 Option 4 ID : 9489114494
 Status : Answered
 Chosen Option : 2

Q.52 A sum of money amounts to ₹1600 in two years and ₹1700 in three years, at compounded interest, compounded annually. What is the rate of interest?

- Ans
- ☒ 1. 6 %
 - ☒ 2. 7 %
 - ☒ 3. 6.25%
 - ☒ 4. 6.5%

Question ID : 9489111358
 Option 1 ID : 9489115429
 Option 2 ID : 9489115430
 Option 3 ID : 9489115431
 Option 4 ID : 9489115432
 Status : Answered
 Chosen Option : 3

Q.53 Who was the founder of the Vishishtadvaita philosophy?

- Ans
- ☒ 1. Madhvacharya
 - ☒ 2. Ramanujacharya
 - ☒ 3. Vishnu Swami
 - ☒ 4. Nimbarka

Question ID : 9489111120
 Option 1 ID : 9489114479
 Option 2 ID : 9489114477
 Option 3 ID : 9489114480
 Option 4 ID : 9489114478
 Status : Answered
 Chosen Option : 2

Q.54 If the difference between a number and its 25% is 24, then the number is:

- Ans
- ☒ 1. 34
 - ☒ 2. 28
 - ☒ 3. 32
 - ☒ 4. 40

Question ID : 9489111357
 Option 1 ID : 9489115425
 Option 2 ID : 9489115428
 Option 3 ID : 9489115426
 Option 4 ID : 9489115427
 Status : Answered
 Chosen Option : 3

Q.55 Which state does NOT have a Vidhan Parishad (Legislative Council)?

- Ans
- ☒ 1. Maharashtra
 - ☒ 2. Kerala
 - ☒ 3. Telangana
 - ☒ 4. Karnataka

Question ID : 9489111129
Option 1 ID : 9489114514
Option 2 ID : 9489114516
Option 3 ID : 9489114515
Option 4 ID : 9489114513
Status : Answered
Chosen Option : 2

Q.56 Which is India's first ever Innovative advanced Earth Observation Satellite launched in 2018?

- Ans
- ☒ 1. APPLE
 - ☒ 2. GSAT-7
 - ☒ 3. HysIS
 - ☒ 4. GSAT-2

Question ID : 9489111130
Option 1 ID : 9489114517
Option 2 ID : 9489114520
Option 3 ID : 9489114518
Option 4 ID : 9489114519
Status : Answered
Chosen Option : 4

Q.57 Which of the following is a satellite based augmentation system of India?

- Ans
- ☒ 1. GAGAN
 - ☒ 2. JATAN
 - ☒ 3. NAG
 - ☒ 4. GAGAN SHAKTI

Question ID : 9489111140
Option 1 ID : 9489114557
Option 2 ID : 9489114558
Option 3 ID : 9489114559
Option 4 ID : 9489114560
Status : Answered
Chosen Option : 4

Q.58 Find the number of all prime numbers less than 55.

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

Question ID : 9489111348
Option 1 ID : 9489115392
Option 2 ID : 9489115390
Option 3 ID : 9489115391
Option 4 ID : 9489115389
Status : Answered
Chosen Option : 2

Q.59 The 'SATH-E' project is associated with which of the following fields?

- Ans
- ☒ 1. Communication
 - ☒ 2. Education
 - ☒ 3. Agriculture
 - ☒ 4. Transportation

Question ID : 9489111106
Option 1 ID : 9489114423
Option 2 ID : 9489114422
Option 3 ID : 9489114424
Option 4 ID : 9489114421
Status : Answered
Chosen Option : 2

Q.60 Which of the following is a metalloid?

- Ans
- ☒ 1. Lead
 - ☒ 2. Gold
 - ☒ 3. Silicon
 - ☒ 4. Bromine

Question ID : 9489111114
Option 1 ID : 9489114453
Option 2 ID : 9489114455
Option 3 ID : 9489114454
Option 4 ID : 9489114456
Status : Answered
Chosen Option : 2

Q.61 India's scientific mission to observe and study the solar corona is called:

- Ans
- ☒ 1. Satnav
 - ☒ 2. Astrostat
 - ☒ 3. Aditya-L1
 - ☒ 4. Chandrayaan

Question ID : 9489111131

Option 1 ID : 9489114523

Option 2 ID : 9489114521

Option 3 ID : 9489114522

Option 4 ID : 9489114524

Status : Answered

Chosen Option : 3

Q.62 Solve the following.

$$(x - y)^3 + (y - z)^3 + (z - x)^3 = ?$$

- Ans
- ☒ 1. $3(x - y)(y - z)(z - x)$
 - ☒ 2. $(x - y)(y - z)(z - x)$
 - ☒ 3. $(x + y + z)(x^2 + y^2 + z^2)$
 - ☒ 4. $3xyz$

Question ID : 9489111365

Option 1 ID : 9489115459

Option 2 ID : 9489115460

Option 3 ID : 9489115457

Option 4 ID : 9489115458

Status : Answered

Chosen Option : 3

Q.63 The Big Bang theory was propounded by:

- Ans
- ☒ 1. George Lamaitre
 - ☒ 2. Al-Biruni
 - ☒ 3. Thomas Gold
 - ☒ 4. Dr. Allen Sundes

Question ID : 9489111122

Option 1 ID : 9489114488

Option 2 ID : 9489114487

Option 3 ID : 9489114486

Option 4 ID : 9489114485

Status : Answered

Chosen Option : 3

Q.64 Who was the Viceroy when the Royal Commission on Civil Services was formed in 1912?

- Ans
- ☐ 1. Lord Dufferin
 - ☐ 2. Lord Irwin
 - ☒ 3. Lord Hardinge
 - ☐ 4. Lord Curzon

Question ID : 9489111121

Option 1 ID : 9489114483

Option 2 ID : 9489114482

Option 3 ID : 9489114484

Option 4 ID : 9489114481

Status : Answered

Chosen Option : 4

Q.65 Where is the 'Zojila Tunnel Project' located?

- Ans
- ☐ 1. Uttar Pradesh
 - ☐ 2. Sikkim
 - ☒ 3. Jammu & Kashmir
 - ☐ 4. Odisha

Question ID : 9489111105

Option 1 ID : 9489114418

Option 2 ID : 9489114420

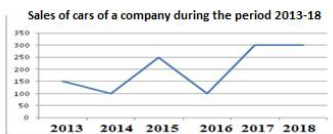
Option 3 ID : 9489114417

Option 4 ID : 9489114419

Status : Answered

Chosen Option : 2

Q.66 From the given diagram, determine the difference between the total number of cars sold in the first three years and in the last three years.



- Ans
- ☐ 1. 1200
 - ☒ 2. 200
 - ☐ 3. 700
 - ☐ 4. 150

Question ID : 948911990

Option 1 ID : 9489113959

Option 2 ID : 9489113957

Option 3 ID : 9489113960

Option 4 ID : 9489113958

Status : Answered

Chosen Option : 2

Q.67 If '+' is replaced by '-', '×' is replaced by '+' and '-' by '×', then $28 + (5 \times 7) - \frac{9}{6}$ will be equal to:

- Ans
- ☒ 1. 15
 - ☒ 2. 8
 - ☒ 3. 20
 - ☒ 4. 10

Question ID : 948911988

Option 1 ID : 9489113952

Option 2 ID : 9489113949

Option 3 ID : 9489113951

Option 4 ID : 9489113950

Status : Answered

Chosen Option : 4

Q.68 Value of the square root of $\frac{36.1}{102.4}$ is:

- Ans
- ☒ 1. $\frac{19}{31}$
 - ☒ 2. $\frac{19}{34}$
 - ☒ 3. $\frac{19}{32}$
 - ☒ 4. $\frac{61}{340}$

Question ID : 9489111352

Option 1 ID : 9489115408

Option 2 ID : 9489115407

Option 3 ID : 9489115406

Option 4 ID : 9489115405

Status : Answered

Chosen Option : 3

Q.69 The given table shows the number of formal learners, informal learners and illiterates, on the basis of gender, in the age group of 18 – 30 years in village X near Delhi. Determine the ratio among the formal learners, informal learners and illiterates.

FORMAL LEARNERS	BOYS	39
	GIRLS	52
INFORMAL LEARNERS	BOYS	65
	GIRLS	78
ILLITERATES	BOYS	143
	GIRLS	169

- Ans**
- ✗ 1. 7 : 24 : 11
- ✗ 2. 11 : 24 : 7
- ✗ 3. 11 : 7 : 24
- ✓ 4. 7 : 11 : 24

Question ID : 948911991

Option 1 ID : 9489113963

Option 2 ID : 9489113964

Option 3 ID : 9489113961

Option 4 ID : 9489113962

Status : Answered

Chosen Option : 4

Q.70 Where are the headquarters of the OECD is located?

- Ans**
- ✗ 1. Rome
- ✗ 2. Geneva
- ✓ 3. Paris
- ✗ 4. New York

Question ID : 9489111133

Option 1 ID : 9489114532

Option 2 ID : 9489114531

Option 3 ID : 9489114530

Option 4 ID : 9489114529

Status : Answered

Chosen Option : 3

Q.71 Avinash, Bhuvnesh and Chaman can complete a piece of work in 20, 30 and 60 days respectively. In how many days can Avinash complete the work if he is assisted by Bhuvnesh and Chaman on every third day?

- Ans**
- ✗ 1. 16
- ✗ 2. 18
- ✓ 3. 15
- ✗ 4. 12

Question ID : 9489111363

Option 1 ID : 9489115451

Option 2 ID : 9489115452

Option 3 ID : 9489115450

Option 4 ID : 9489115449

Status : Answered

Chosen Option : 3

Q.72 Lord Mahavira's original name is:

- Ans
- ☐ 1. Ananda
 - ☐ 2. Sariputta
 - ☒ 3. Vardhamana
 - ☐ 4. Siddhartha

Question ID : 9489111117

Option 1 ID : 9489114465

Option 2 ID : 9489114468

Option 3 ID : 9489114467

Option 4 ID : 9489114466

Status : Answered

Chosen Option : 4

Q.73 In a game Rajesh lost $\frac{1}{3}$ of his money in the first round of the game, in the second round he losses $\frac{3}{5}$ of his remaining money and in the third round he lost $\frac{4}{7}$ of the rest. He is left with what part of the original sum of money?

- Ans
- ☐ 1. $\frac{4}{45}$
 - ☒ 2. $\frac{4}{35}$
 - ☐ 3. $\frac{2}{5}$
 - ☐ 4. $\frac{4}{15}$

Question ID : 9489111353

Option 1 ID : 9489115410

Option 2 ID : 9489115411

Option 3 ID : 9489115409

Option 4 ID : 9489115412

Status : Not Answered

Chosen Option : --

Q.74 A metallic part of a machine is made from a mixture of copper, zinc and lead mixed in the ratio of 13 : 6 : 1. If the weight of zinc in this part is 90 kg, then the total weight of the part will be:

- Ans
- ☒ 1. 210 kg
 - ☒ 2. 195 kg
 - ☒ 3. 300 kg
 - ☒ 4. 285 kg

Question ID : 9489111356

Option 1 ID : 9489115422

Option 2 ID : 9489115421

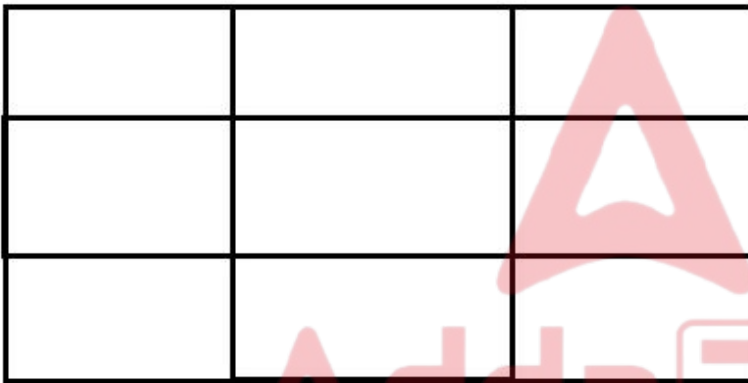
Option 3 ID : 9489115424

Option 4 ID : 9489115423

Status : Answered

Chosen Option : 3

Q.75 How many rectangles are there in the given figure?



- Ans
- ☒ 1. 36
 - ☒ 2. 28
 - ☒ 3. 32
 - ☒ 4. 42

Question ID : 948911998

Option 1 ID : 9489113990

Option 2 ID : 9489113989

Option 3 ID : 9489113991

Option 4 ID : 9489113992

Status : Not Answered

Chosen Option : --

Q.76 The sum of two numbers is 20 and their difference is 2.5 . Ratio of these numbers will be:

- Ans
- ☒ 1. 3 : 5
 - ☒ 2. 9 : 7
 - ☒ 3. 2 : 7
 - ☒ 4. 7 : 9

Question ID : 9489111354

Option 1 ID : 9489115415

Option 2 ID : 9489115413

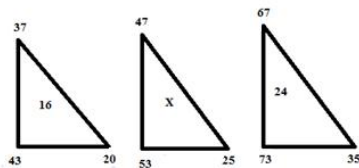
Option 3 ID : 9489115416

Option 4 ID : 9489115414

Status : Answered

Chosen Option : 2

Q.77 Study the given pattern carefully and select the number from among the given options that can replace x.



- Ans
- ☒ 1. 20
 - ☒ 2. 12
 - ☒ 3. 18
 - ☒ 4. 14

Question ID : 948911999

Option 1 ID : 9489113993

Option 2 ID : 9489113994

Option 3 ID : 9489113996

Option 4 ID : 9489113995

Status : Answered

Chosen Option : 1

Q.78 Four natural resources are listed, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. Wind
 - ☒ 2. Coal
 - ☒ 3. Solar
 - ☒ 4. Water

Question ID : 948911993

Option 1 ID : 9489113970

Option 2 ID : 9489113972

Option 3 ID : 9489113969

Option 4 ID : 9489113971

Status : Answered

Chosen Option : 2

Q.79 'Obey' is related to 'Disobey' in the same way as 'Appoint' is related to '_____'.
 Ans

- ☒ 1. Dissent
- ☒ 2. Eliminate
- ☒ 3. Dismiss
- ☒ 4. Disappear

Question ID : 948911974
 Option 1 ID : 9489113893
 Option 2 ID : 9489113894
 Option 3 ID : 9489113896
 Option 4 ID : 9489113895
 Status : Answered
 Chosen Option : 3

Q.80 Who wrote the great literary work 'Mricchakatika'?

- Ans
- ☒ 1. Harsha
 - ☒ 2. Shudraka
 - ☒ 3. Bhaasa
 - ☒ 4. Kalidasa

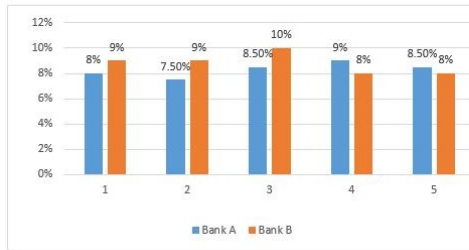
Question ID : 9489111110
 Option 1 ID : 9489114440
 Option 2 ID : 9489114438
 Option 3 ID : 9489114439
 Option 4 ID : 9489114437
 Status : Not Answered
 Chosen Option : --

Q.81 Sunila had $9\frac{1}{4}$ kg of flour to make bread with. If the recipe says that she needs $1\frac{1}{8}$ kg to make one loaf of bread, how many loafs can she make? Estimate to the nearest whole number.

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

Question ID : 9489111346
 Option 1 ID : 9489115384
 Option 2 ID : 9489115383
 Option 3 ID : 9489115381
 Option 4 ID : 9489115382
 Status : Answered
 Chosen Option : 3

Q.82 The given chart gives interest rates offered on deposits by two banks A and B for a period of 5 years (1 – 5). What would be the difference in interest amount earned in year 3, if a person had deposited ₹23 lakhs at the beginning of the year in bank B instead of in bank A?



- Ans**
- ☒ 1. ₹37,600
 - ☒ 2. ₹28,800
 - ☒ 3. ₹34,500
 - ☒ 4. ₹41,200

Question ID : 948911992

Option 1 ID : 9489113967

Option 2 ID : 9489113965

Option 3 ID : 9489113966

Option 4 ID : 9489113968

Status : Not Answered

Chosen Option : --

Q.83 Which eminent person is associated with Bardoli?

- Ans**
- ☒ 1. Sardar Vallabhbhai Patel
 - ☒ 2. Aurobindo Ghosh
 - ☒ 3. Mahavir
 - ☒ 4. Guru Nanak

Question ID : 9489111108

Option 1 ID : 9489114430

Option 2 ID : 9489114432

Option 3 ID : 9489114431

Option 4 ID : 9489114429

Status : Answered

Chosen Option : 1

Q.84 As of October 2020, who is the Chairman of the Fifteenth Finance Commission of India?

- Ans
- ☐ 1. Shaktikanta Das
 - ☐ 2. Vijay L Kelkar
 - ☐ 3. AM Khusro
 - ☒ 4. NK Singh

Question ID : 9489111142
Option 1 ID : 9489114568
Option 2 ID : 9489114566
Option 3 ID : 9489114565
Option 4 ID : 9489114567
Status : Answered
Chosen Option : 4

Q.85 Which is the 29th State of India created in 2014?

- Ans
- ☐ 1. Uttarakhand
 - ☐ 2. Jharkhand
 - ☒ 3. Telangana
 - ☐ 4. Sikkim

Question ID : 9489111127
Option 1 ID : 9489114505
Option 2 ID : 9489114508
Option 3 ID : 9489114506
Option 4 ID : 9489114507
Status : Answered
Chosen Option : 3

Q.86 The conclusion that follows from the premises 'All voters are citizens' and 'All citizens are loyalists' is:

- Ans
- ☐ 1. All loyalists are citizens.
 - ☒ 2. All voters are loyalists.
 - ☐ 3. All citizens are voters.
 - ☐ 4. All loyalists are voters.

Question ID : 948911980
Option 1 ID : 9489113918
Option 2 ID : 9489113919
Option 3 ID : 9489113917
Option 4 ID : 9489113920
Status : Answered
Chosen Option : 4

Q.87 'Little knowledge is a dangerous thing' is a decision based on:

- Ans ☒ 1. Incomplete information may cause harm.
☒ 2. Ignorance is bliss.
☒ 3. Little things are dangerous.
☒ 4. Informal learning is not satisfactory.

Question ID : 948911982

Option 1 ID : 9489113926

Option 2 ID : 9489113925

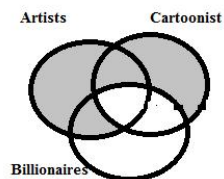
Option 3 ID : 9489113928

Option 4 ID : 9489113927

Status : Answered

Chosen Option : 1

Q.88 In the given Venn diagram, assuming that the shaded areas do not exist, determine which conclusion can be validly drawn?



- Ans ☒ 1. All billionaires are artists.
☒ 2. All artists are cartoonists.
☒ 3. No artists are billionaires.
☒ 4. All cartoonists are artists.

Question ID : 948911997

Option 1 ID : 9489113988

Option 2 ID : 9489113987

Option 3 ID : 9489113985

Option 4 ID : 9489113986

Status : Answered

Chosen Option : 2

Q.89 Which of the following is a mirror image of the word ENCOURAGEMENT?

- Ans ☒ 1. ENCOURAEGMENT
☒ 2. ENCOURGAEMENT
☒ 3. ENCOURAGEMENT
☒ 4. ENCORAUEGMENT

Question ID : 9489111001

Option 1 ID : 9489114004

Option 2 ID : 9489114003

Option 3 ID : 9489114002

Option 4 ID : 9489114001

Status : Answered

Chosen Option : 3

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

1, 9, 25, 49, 81, ?

- Ans**
- ☒ 1. 91
 - ☒ 2. 94
 - ☒ 3. 121
 - ☒ 4. 111

Question ID : 948911985

Option 1 ID : 9489113937

Option 2 ID : 9489113939

Option 3 ID : 9489113940

Option 4 ID : 9489113938

Status : Answered

Chosen Option : 4

Q.91 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

AEJ : ZVQ :: BFK : ?

- Ans**
- ☒ 1. YUP
 - ☒ 2. CGK
 - ☒ 3. LPT
 - ☒ 4. TPL

Question ID : 948911984

Option 1 ID : 9489113935

Option 2 ID : 9489113934

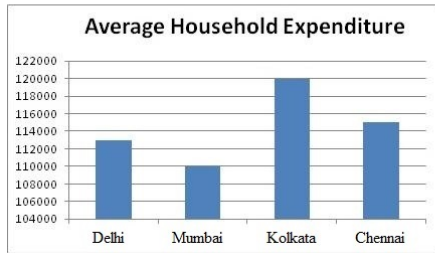
Option 3 ID : 9489113933

Option 4 ID : 9489113936

Status : Answered

Chosen Option : 1

Q.92 The average household expenditure in four metros Delhi, Mumbai, Kolkata and Chennai is given in the graph. What is the ratio of the highest average household expenditure to the lowest average household expenditure?



- Ans**
- ☒ 1. 23 : 11
 - ☒ 2. 12 : 11
 - ☒ 3. 11 : 23
 - ☒ 4. 11 : 12

Question ID : 948911989

Option 1 ID : 9489113955

Option 2 ID : 9489113956

Option 3 ID : 9489113954

Option 4 ID : 9489113953

Status : Answered

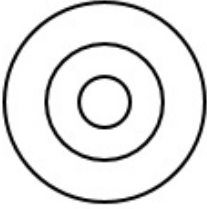
Chosen Option : 2

Q.93 Select the Venn diagram that best represents the relationship between the following classes.

Crockery, Plate, Bowl

Ans

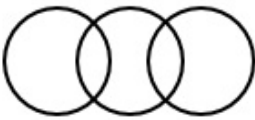
✗ 1.



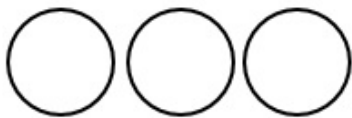
✓ 2.



✗ 3.



✗ 4.



Question ID : 948911996

Option 1 ID : 9489113981

Option 2 ID : 9489113982

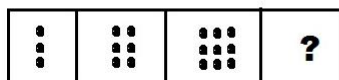
Option 3 ID : 9489113984

Option 4 ID : 9489113983

Status : Answered

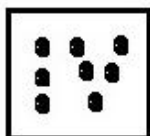
Chosen Option : 4

Q.94 Study the given pattern carefully and select the image from among the given options that can replace the question mark (?).

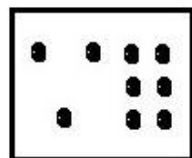


Ans

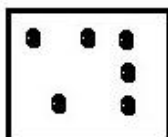
✓ 1.



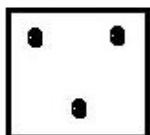
✗ 2.



✗ 3.



✗ 4.



Question ID : 9489111000

Option 1 ID : 9489113999

Option 2 ID : 9489114000

Option 3 ID : 9489113998

Option 4 ID : 9489113997

Status : Answered

Chosen Option : 1

Q.95 Four equipment are listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. Test Tube

✗ 2. Dropper

✓ 3. Compass

✗ 4. Beaker

Question ID : 948911994

Option 1 ID : 9489113976

Option 2 ID : 9489113973

Option 3 ID : 9489113975

Option 4 ID : 9489113974

Status : Not Answered

Chosen Option : --

Q.96 In a certain code language, PENINSULA is written as 111. How will DICHOTOMY be written as in that language?

- Ans**
- ☒ 1. 212
 - ☒ 2. 112
 - ☒ 3. 121
 - ☒ 4. 222

Question ID : 948911977
Option 1 ID : 9489113907
Option 2 ID : 9489113906
Option 3 ID : 9489113908
Option 4 ID : 9489113905
Status : Answered
Chosen Option : 2

Q.97 Select the number from among the given options that can replace the question mark (?) in the following matrix.

14	12	10	8
10	8	2	4
8	14	6	16
12	18	14	?

- Ans**
- ☒ 1. 10
 - ☒ 2. 16
 - ☒ 3. 20
 - ☒ 4. 18

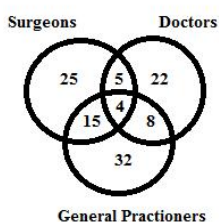
Question ID : 9489111002
Option 1 ID : 9489114007
Option 2 ID : 9489114006
Option 3 ID : 9489114005
Option 4 ID : 9489114008
Status : Answered
Chosen Option : 3

Q.98 The conclusion that follows from the premises 'All horses are mammals' and 'No mammals are amphibians' is:

- Ans**
- ☒ 1. Some horses are amphibians.
 - ☒ 2. Every amphibian is a horse.
 - ☒ 3. All horses are amphibians.
 - ☒ 4. No amphibians are horses.

Question ID : 948911979
Option 1 ID : 9489113915
Option 2 ID : 9489113916
Option 3 ID : 9489113913
Option 4 ID : 9489113914
Status : Answered
Chosen Option : 4

Q.99 From the given Venn diagram, find the number of doctors who are surgeons but not general practitioners.



- Ans**
- ☒ 1. 8
 - ☒ 2. 5
 - ☒ 3. 4
 - ☒ 4. 9

Question ID : 948911995

Option 1 ID : 9489113980

Option 2 ID : 9489113979

Option 3 ID : 9489113977

Option 4 ID : 9489113978

Status : Answered

Chosen Option : 2

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

3, 13, 23, 43, 53, 73, 83, 103, 113, ?

- Ans**
- ☒ 1. 153
 - ☒ 2. 183
 - ☒ 3. 163
 - ☒ 4. 173

Question ID : 948911987

Option 1 ID : 9489113946

Option 2 ID : 9489113945

Option 3 ID : 9489113947

Option 4 ID : 9489113948

Status : Not Answered

Chosen Option : --