



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS



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

Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	iON DIGITAL Zone iDZ University Camp Area
Test Date	08/02/2021
Test Time	3:00 PM - 4:30 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 If the base of a cylinder is the same as that of a cone, and the height of the cylinder is also the same as that of the cone, then find the ratio of the volumes of the cylinder and the cone.

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

Question ID : 9489118965

Option 1 ID : 94891135858

Option 2 ID : 94891135860

Option 3 ID : 94891135857

Option 4 ID : 94891135859

Status : Not Answered

Chosen Option : --

Q.2 A shopkeeper buys calculators in bulk for ₹550 each and sells them for ₹580 each. What is the approximate percentage profit?

- Ans**
- ☒ 1. 5.95%
 - ☒ 2. 5%
 - ☒ 3. 5.7%
 - ☒ 4. 5.45%

Question ID : 9489118956
Option 1 ID : 94891135823
Option 2 ID : 94891135821
Option 3 ID : 94891135822
Option 4 ID : 94891135824
Status : Answered
Chosen Option : 3

Q.3 How many of the first 100 positive integers are divisible by 3 or 4 without a remainder?

- Ans**
- ☒ 1. 58
 - ☒ 2. 85
 - ☒ 3. 5
 - ☒ 4. 50

Question ID : 9489118946
Option 1 ID : 94891135781
Option 2 ID : 94891135784
Option 3 ID : 94891135783
Option 4 ID : 94891135782
Status : Answered
Chosen Option : 4

Q.4 Which of the following countries is NOT a member of SAARC?

- Ans**
- ☒ 1. Afghanistan
 - ☒ 2. Nepal
 - ☒ 3. Malaysia
 - ☒ 4. Pakistan

Question ID : 9489118533
Option 1 ID : 94891134129
Option 2 ID : 94891134131
Option 3 ID : 94891134132
Option 4 ID : 94891134130
Status : Answered
Chosen Option : 3

Q.5 During British rule, the Sharda Act was passed in 1929 for preventing _____.

- Ans
- ☒ 1. Infanticide
 - ☒ 2. Polygamy
 - ☒ 3. the practice of sati
 - ☒ 4. Child marriage

Question ID : 9489118527

Option 1 ID : 94891134105

Option 2 ID : 94891134107

Option 3 ID : 94891134108

Option 4 ID : 94891134106

Status : Answered

Chosen Option : 4

Q.6 Who is the father of binomial nomenclature of all species of living things?

- Ans
- ☒ 1. Charles Darwin
 - ☒ 2. James Watson
 - ☒ 3. Louis Pasteur
 - ☒ 4. Carolus Linnaeus

Question ID : 9489118513

Option 1 ID : 94891134049

Option 2 ID : 94891134051

Option 3 ID : 94891134052

Option 4 ID : 94891134050

Status : Answered

Chosen Option : 3

Q.7 From the given options, which country has the largest deposit of mica in the world?

- Ans
- ☒ 1. India
 - ☒ 2. South Africa
 - ☒ 3. America
 - ☒ 4. England

Question ID : 9489118524

Option 1 ID : 94891134094

Option 2 ID : 94891134096

Option 3 ID : 94891134093

Option 4 ID : 94891134095

Status : Not Answered

Chosen Option : --

Q.8 As of October 2020, who is the Union Minister for Road Transport and Highways?

- Ans
- ☒ 1. Sushma Swaraj
 - ☒ 2. Piyush Goyal
 - ☒ 3. Nirmala Sitharaman
 - ☒ 4. Nitin Jairam Gadkari

Question ID : 9489118542
Option 1 ID : 94891134165
Option 2 ID : 94891134166
Option 3 ID : 94891134168
Option 4 ID : 94891134167
Status : Answered
Chosen Option : 4

Q.9 In which year was the National Human Rights Commission launched in India?

- Ans
- ☒ 1. 2012
 - ☒ 2. 1995
 - ☒ 3. 1993
 - ☒ 4. 2002

Question ID : 9489118541
Option 1 ID : 94891134163
Option 2 ID : 94891134162
Option 3 ID : 94891134161
Option 4 ID : 94891134164
Status : Answered
Chosen Option : 2

Q.10 Who was the court poet of King Harshavardhana?

- Ans
- ☒ 1. Jayachandra
 - ☒ 2. Vallal
 - ☒ 3. Ananda Bhatta
 - ☒ 4. Banabhatta

Question ID : 9489118517
Option 1 ID : 94891134065
Option 2 ID : 94891134067
Option 3 ID : 94891134068
Option 4 ID : 94891134066
Status : Not Answered
Chosen Option : --

Q.11 Ustad Amjad Ali Khan plays which of the following instruments?

- Ans
- ☒ 1. Shehnai
 - ☐ 2. Sarod
 - ☐ 3. Bansuri
 - ☐ 4. Santoor

Question ID : 9489118508

Option 1 ID : 94891134031

Option 2 ID : 94891134029

Option 3 ID : 94891134032

Option 4 ID : 94891134030

Status : Answered

Chosen Option : 4

Q.12 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Peacock, Woodpecker, Parrot, Bat

- Ans
- ☒ 1. Peacock
 - ☐ 2. Bat
 - ☐ 3. Woodpecker
 - ☐ 4. Parrot

Question ID : 9489118803

Option 1 ID : 94891135211

Option 2 ID : 94891135210

Option 3 ID : 94891135212

Option 4 ID : 94891135209

Status : Answered

Chosen Option : 2

Q.13 There are 20 people in a party. If every person shakes hand with every other person, then what will be the total number of handshakes?

- Ans
- ☒ 1. 155
 - ☐ 2. 180
 - ☐ 3. 145
 - ☐ 4. 190

Question ID : 9489118953

Option 1 ID : 94891135810

Option 2 ID : 94891135809

Option 3 ID : 94891135811





Option 4 ID : 94891135812

Status : Answered

Chosen Option : 4

Q.14 Which equation would become correct if we interchange the signs '×' and '÷' as well as the digits '2' and '4'?

Ans

-  1. $2 \div 4 \times 14 = 60$
 2. $12 \div 42 \times 4 = 160$
 3. $12 \times 4 \div 42 = 168$
 4. $42 \times 12 \div 2 = 20$

Question ID : 9489118786

Option 1 ID : 94891135144

Option 2 ID : 94891135143

Option 3 ID : 94891135142

Option 4 ID : 94891135141

Status : Answered

Chosen Option : 1

Q.15 Geeta is decorating the cover of her school magazine. She is allowed to use only three colours from a group of six colours (P, Q, R, S, T and U), based on the following conditions.





I. If P, Q or R is chosen, U cannot be chosen.

II. Either T or U must be chosen.

III. S and Q cannot be chosen together.

If R is chosen, which of the following pairs of colours must also be chosen?

Ans

-  1. QS
 2. TS
 3. PU
 4. US

Question ID : 9489118801

Option 1 ID : 94891135203

Option 2 ID : 94891135201

Option 3 ID : 94891135204



Option 4 ID : 94891135202

Status : Answered

Chosen Option : 3

Q.16 The sum of two numbers is 20 and their product is 96. What is the difference between the two numbers?

Ans

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

Question ID : 9489118944

Option 1 ID : 94891135776

Option 2 ID : 94891135775

Option 3 ID : 94891135773

Option 4 ID : 94891135774

Status : Answered

Chosen Option : 1

Q.17 What will be the compound interest on a sum of ₹25,000 after 3 years at a rate of 12% per annum, compounded annually?

- Ans**
- ☒ 1. ₹1,048.20
 - ☒ 2. ₹900.30
 - ☒ 3. ₹9,720
 - ☒ 4. ₹10,123.20

Question ID : 9489118957
Option 1 ID : 94891135828
Option 2 ID : 94891135825
Option 3 ID : 94891135826
Option 4 ID : 94891135827
Status : Answered
Chosen Option : 1

Q.18 Who was the first Secretary-General of the United Nations Organization (UNO)?

- Ans**
- ☒ 1. U Thant
 - ☒ 2. Kurt Waldheim
 - ☒ 3. Dag Hammarskjold
 - ☒ 4. Trygve Lie

Question ID : 9489118535
Option 1 ID : 94891134138
Option 2 ID : 94891134140
Option 3 ID : 94891134137
Option 4 ID : 94891134139
Status : Answered
Chosen Option : 4

Q.19 Which of the following is a government initiated insurance scheme, administered by LIC, for rural landless households?

- Ans**
- ☒ 1. Aam Aadmi Bima Yojana
 - ☒ 2. Rashtriya Swasthya Bima Yojana
 - ☒ 3. Jeevan Umang Bima Yojana
 - ☒ 4. Janashree Bima Yojana

Question ID : 9489118539
Option 1 ID : 94891134155
Option 2 ID : 94891134154
Option 3 ID : 94891134156
Option 4 ID : 94891134153
Status : Answered
Chosen Option : 1

Q.20 Which club won the 2019 FIFA Club World Cup?

- Ans
- ☐ 1. Kashima Antlers
 - ☐ 2. Monterrey
 - ☐ 3. Flamengo
 - ☒ 4. Liverpool

Question ID : 9489118506

Option 1 ID : 94891134024

Option 2 ID : 94891134023

Option 3 ID : 94891134021

Option 4 ID : 94891134022

Status : Answered

Chosen Option : 4

Q.21 Which of the following is NOT the capital of the corresponding country?

- Ans
- ☐ 1. New Delhi, India
 - ☒ 2. Sydney, Australia
 - ☐ 3. Cairo, Egypt
 - ☐ 4. Ottawa, Canada

Question ID : 9489118523

Option 1 ID : 94891134089

Option 2 ID : 94891134091

Option 3 ID : 94891134090

Option 4 ID : 94891134092

Status : Answered

Chosen Option : 2

Q.22 Which eminent English writer was awarded the Jnanpith Award in 2018?

- Ans
- ☐ 1. Shankha Ghosh
 - ☐ 2. Krishna Sobti
 - ☐ 3. Raghuveer Chaudhary
 - ☒ 4. Amitav Ghosh

Question ID : 9489118507

Option 1 ID : 94891134027

Option 2 ID : 94891134026

Option 3 ID : 94891134028

Option 4 ID : 94891134025

Status : Answered

Chosen Option : 2

Q.23 Who was the first person to walk on the Moon?

- Ans
- ☐ 1. Katherine Johnson
 - ☐ 2. Buzz Aldrin
 - ☒ 3. Neil Armstrong
 - ☐ 4. George Tailor

Question ID : 9489118530

Option 1 ID : 94891134118

Option 2 ID : 94891134117

Option 3 ID : 94891134119

Option 4 ID : 94891134120

Status : Answered

Chosen Option : 3

Q.24 Simplify the following.

$$105 \div 5 \times 3 + 39 - 46$$

- Ans
- ☐ 1. 0
 - ☒ 2. 56
 - ☐ 3. 65
 - ☐ 4. 10

Question ID : 9489118948

Option 1 ID : 94891135789

Option 2 ID : 94891135792

Option 3 ID : 94891135790

Option 4 ID : 94891135791

Status : Answered

Chosen Option : 2

Q.25 The cost price of 120 g of rice is the same as the selling price of 150 g of it. The percentage loss is:

- Ans
- ☐ 1. 12.5% loss
 - ☒ 2. 20% loss
 - ☐ 3. 15% loss
 - ☐ 4. 25% loss

Question ID : 9489118959

Option 1 ID : 94891135835

Option 2 ID : 94891135834

Option 3 ID : 94891135836

Option 4 ID : 94891135833

Status : Answered

Chosen Option : 2

Q.26 Choose the correct statement from the given options. The press in a democracy must:

Ans ☒ 1. be committed to the policies of the government

☒ 2.

highlight the achievements of the government without criticising its policies

☒ 3. be free and impartial

☒ 4. criticise the policies of the government

Question ID : 9489118528

Option 1 ID : 94891134110

Option 2 ID : 94891134111

Option 3 ID : 94891134109

Option 4 ID : 94891134112

Status : Answered

Chosen Option : 3

Q.27 If $a : b = 3 : 4$ and $d : b = 4 : 3$, then find the ratio of a to d.

Ans ☒ 1. 3 : 4

☒ 2. 9 : 16

☒ 3. 16 : 9

☒ 4. 4 : 3

Question ID : 9489118954

Option 1 ID : 94891135813

Option 2 ID : 94891135814

Option 3 ID : 94891135816

Option 4 ID : 94891135815

Status : Answered

Chosen Option : 1

Q.28 The largest number of four digits that is divisible by 12, 15 and 18 is:

Ans ☒ 1. 9000

☒ 2. 9750

☒ 3. 9450

☒ 4. 9900

Question ID : 9489118945

Option 1 ID : 94891135780

Option 2 ID : 94891135778





Option 3 ID : 94891135779

Option 4 ID : 94891135777

Status : Answered

Chosen Option : 4

Q.29 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans  1. N J F
 2. X S P
 3. Q M I
 4. W S O

Question ID : 9489118785

Option 1 ID : 94891135137

Option 2 ID : 94891135140

Option 3 ID : 94891135138

Option 4 ID : 94891135139

Status : Answered

Chosen Option : 2

Q.30 If the ratio of the radii of two spheres is 2 : 3, then the ratio of their surface areas will be:

- Ans  1. 4 : 9
 2. 2 : 9
 3. 8 : 27
 4. 4 : 3

Question ID : 9489118964

Option 1 ID : 94891135854

Option 2 ID : 94891135855





Option 3 ID : 94891135856

Option 4 ID : 94891135853

Status : Answered

Chosen Option : 3

Q.31 What is the full form of BHEL, the famous public sector unit of the Government of India?

- Ans  1. Bharat Heavy Equipment Limited
 2. Bhagalpur Heavy Electricals Limited
 3. Bharatpur Heavy Engineering Limited
 4. Bharat Heavy Electricals Limited

Question ID : 9489118543

Option 1 ID : 94891134170

Option 2 ID : 94891134169





Option 3 ID : 94891134171

Option 4 ID : 94891134172

Status : Answered

Chosen Option : 4

Q.32 If (2, -2) and (5, 2) are two consecutive vertices of a square, then the length of each side of the square will be:

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

Question ID : 9489118969

Option 1 ID : 94891135873

Option 2 ID : 94891135875

Option 3 ID : 94891135876

Option 4 ID : 94891135874

Status : **Not Answered**

Chosen Option : --

Q.33 If '+' means 'division', '-' means 'addition', 'x' means 'subtraction' and '*' means 'multiplication', then what will be the value of the following expression?

$$\left(\frac{5}{2} \times 2\right) + (3 - 1)$$

- Ans  1. 3
 2. 2
 3. 16
 4. 5

Question ID : 9489118788

Option 1 ID : 94891135152

Option 2 ID : 94891135149

Option 3 ID : 94891135151

Option 4 ID : 94891135150

Status : **Answered**

Chosen Option : 2

Q.34 Find the value of x if $\sqrt{1 + \frac{x}{144}} = \frac{13}{12}$.

- Ans  1. 30
 2. 16
 3. 25
 4. 20

Question ID : 9489118952

Option 1 ID : 94891135808

Option 2 ID : 94891135806

Option 3 ID : 94891135807

Option 4 ID : 94891135805

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

Chosen Option : --

Q.35 Four women Geeta, Anita, Monu and Reena are playing carrom. Anita is sitting opposite Monu and Reena is sitting opposite Geeta. If Anita is facing east, then in which direction is Monu facing?

- Ans**
- ☒ 1. West
 - ☐ 2. East
 - ☐ 3. South
 - ☐ 4. North

Question ID : 9489118802

Option 1 ID : 94891135208

Option 2 ID : 94891135207

Option 3 ID : 94891135206

Option 4 ID : 94891135205

Status : Answered

Chosen Option : 1

Q.36 A can finish a work in 15 days and B can finish the same work in 20 days. Working together, in how many days can they finish the same work?

- Ans**
- ☐ 1. 12.57
 - ☒ 2. 8.57
 - ☐ 3. 20
 - ☐ 4. 17.5

Question ID : 9489118961

Option 1 ID : 94891135841

Option 2 ID : 94891135844

Option 3 ID : 94891135843

Option 4 ID : 94891135842

Status : Answered

Chosen Option : 2

Q.37 Which two articles of the Constitution of India most clearly express the power of judicial review?

- Ans**
- ☐ 1. Article 21 and Article 446
 - ☒ 2. Article 32 and Article 226
 - ☐ 3. Article 44 and Article 152
 - ☐ 4. Article 17 and Article 143

Question ID : 9489118529

Option 1 ID : 94891134113

Option 2 ID : 94891134114

Option 3 ID : 94891134115

Option 4 ID : 94891134116

Status : Not Answered

Chosen Option : --

Q.38 Select the option with the INCORRECT full form for the corresponding acronyms.


Ans  1. C-DAC: Centre for Development of Advanced Computing

 2.

CHOGM: Commonwealth Heads of Government Ministries

 3.

CITES: Convention on International Trade in Endangered Species

 4. CCI: Competition Commission of India

Question ID : 9489118538

Option 1 ID : 94891134152

Option 2 ID : 94891134150

Option 3 ID : 94891134151

Option 4 ID : 94891134149

Status : Answered

Chosen Option : 2

Q.39 Which of the following is a type of sedimentary rock?

Ans  1. Sandstone

 2. Slate

 3. Granite

 4. Lignite

Question ID : 9489118525

Option 1 ID : 94891134098

Option 2 ID : 94891134099


Option 3 ID : 94891134100


Option 4 ID : 94891134097

Status : Not Answered


Chosen Option : --

Q.40 Newton is the unit to measure _____.

Ans  1. pressure

 2. resistance

 3. force

 4. power

Question ID : 9489118515

Option 1 ID : 94891134057

Option 2 ID : 94891134060

Option 3 ID : 94891134058

Option 4 ID : 94891134059

Status : Answered

Chosen Option : 3

Q.41 In a certain code language, 'WOLVERINE' is written as 'ZIOPHLLHH'. How will 'LOGAN' be written as in that code language?

- Ans**
- ☒ 1. OIJUQ
 - ☐ 2. FQJUQ
 - ☐ 3. FQADH
 - ☐ 4. OIADH

Question ID : 9489118780

Option 1 ID : 94891135119

Option 2 ID : 94891135120

Option 3 ID : 94891135117

Option 4 ID : 94891135118

Status : Answered

Chosen Option : 1

Q.42 From the given options, which dynasty developed shipping ventures in Southeast Asia?

- Ans**
- ☐ 1. The Gupta Dynasty
 - ☐ 2. The Chera Dynasty
 - ☒ 3. The Chola Dynasty
 - ☐ 4. The Chalukya Dynasty

Question ID : 9489118518

Option 1 ID : 94891134070

Option 2 ID : 94891134071

Option 3 ID : 94891134069

Option 4 ID : 94891134072

Status : Not Answered

Chosen Option : --

Q.43 Where is the Red Panda Winter Carnival celebrated?

- Ans**
- ☐ 1. Nagaland
 - ☐ 2. Rajasthan
 - ☐ 3. Tamil Nadu
 - ☒ 4. Sikkim

Question ID : 9489118510

Option 1 ID : 94891134040

Option 2 ID : 94891134037

Option 3 ID : 94891134039

Option 4 ID : 94891134038

Status : Not Answered

Chosen Option : --

Q.44 Maddy reads three-fifth of a chapter consisting of 75 pages. How many more pages does he need to read to complete the chapter?

- Ans**
- ☒ 1. 15
 - ☒ 2. 25
 - ☒ 3. 20
 - ☒ 4. 30

Question ID : 9489118951

Option 1 ID : 94891135803

Option 2 ID : 94891135804

Option 3 ID : 94891135802

Option 4 ID : 94891135801

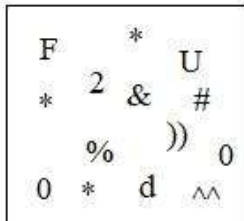
Status : Answered

Chosen Option : 4

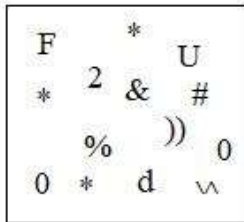
Q.45 Four figures have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

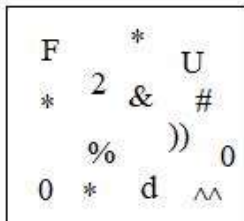
☒ 1.



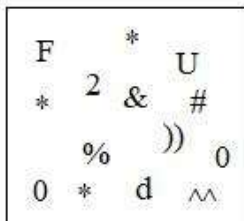
☒ 2.



☒ 3.



☒ 4.



Question ID : 9489118794

Option 1 ID : 94891135175

Option 2 ID : 94891135173

Option 3 ID : 94891135176

Option 4 ID : 94891135174

Status : Answered

Chosen Option : 2

Q.46 The 'Seven Sisters of India' does NOT include which of the following states?

- Ans
- ☐ 1. Meghalaya
 - ☐ 2. Arunachal Pradesh
 - ☐ 3. Nagaland
 - ☒ 4. Sikkim

Question ID : 9489118522

Option 1 ID : 94891134086

Option 2 ID : 94891134085

Option 3 ID : 94891134087

Option 4 ID : 94891134088

Status : Answered

Chosen Option : 4

Q.47 What does the acronym SMPS stand for?

- Ans
- ☒ 1. Switched-Mode Power Supply
 - ☐ 2. Single-Mode Power Supply
 - ☐ 3. Start-Mode Power Supply
 - ☐ 4. Store-Mode Power Supply

Question ID : 9489118537

Option 1 ID : 94891134145

Option 2 ID : 94891134148

Option 3 ID : 94891134146

Option 4 ID : 94891134147

Status : Answered

Chosen Option : 1

Q.48 If $x \times y = x + y + \sqrt{xy}$, then the value of 6×24 will be:

- Ans
- ☐ 1. 43
 - ☐ 2. 41
 - ☒ 3. 42
 - ☐ 4. 44

Question ID : 9489118947

Option 1 ID : 94891135787

Option 2 ID : 94891135785

Option 3 ID : 94891135786

Option 4 ID : 94891135788

Status : Answered

Chosen Option : 3

Q.49 In a certain code language, 'FEATURE' is written as 'HICXWVG'. How will 'ALMOST' be written as in that code language?

- Ans**
- ☒ 1. CPOSWX
 - ☒ 2. CNQQWX
 - ☒ 3. CPOSUX
 - ☒ 4. CNQSWX

Question ID : 9489118779

Option 1 ID : 94891135116

Option 2 ID : 94891135114

Option 3 ID : 94891135113

Option 4 ID : 94891135115

Status : Answered

Chosen Option : 3

Q.50 Simplify the following.

$$\sqrt{2 + \sqrt{2 + 2\cos 4\theta}}$$

- Ans**
- ☒ 1. $\cos 2\theta$
 - ☒ 2. $\cos \theta$
 - ☒ 3. $2\cos \theta$
 - ☒ 4. $\sin \theta$

Question ID : 9489118972

Option 1 ID : 94891135888

Option 2 ID : 94891135885

Option 3 ID : 94891135887

Option 4 ID : 94891135886

Status : Not Answered

Chosen Option : --

Q.51 A tradesman marks his goods 25% above the cost price and allows his customers a 12% reduction on their bills. What percentage profit does he make?

- Ans**
- ☒ 1. 12.5%
 - ☒ 2. 14%
 - ☒ 3. 18%
 - ☒ 4. 10%

Question ID : 9489118958

Option 1 ID : 94891135832

Option 2 ID : 94891135829

Option 3 ID : 94891135831

Option 4 ID : 94891135830

Status : Answered

Chosen Option : 4

Q.52 Four animals have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. Lion
 - ☒ 2. Tiger
 - ☒ 3. Leopard
 - ☒ 4. Fox

Question ID : 9489118795
Option 1 ID : 94891135177
Option 2 ID : 94891135178
Option 3 ID : 94891135180
Option 4 ID : 94891135179

Status : Answered
Chosen Option : 4

Q.53 The United Nations has _____ principal organs.

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

Question ID : 9489118534
Option 1 ID : 94891134133
Option 2 ID : 94891134136
Option 3 ID : 94891134134
Option 4 ID : 94891134135

Status : Answered
Chosen Option : 1

Q.54 Evaluate the following.

$$\cos^{-1}\left(\frac{1}{\sqrt{2}}\right) + \sec^{-1}(-\sqrt{2})$$

- Ans
- ☒ 1. π
 - ☒ 2. $-\frac{\pi}{3}$
 - ☒ 3. 0
 - ☒ 4. $\frac{\pi}{3}$

Question ID : 9489118973
Option 1 ID : 94891135892
Option 2 ID : 94891135889
Option 3 ID : 94891135890
Option 4 ID : 94891135891

Status : Not Answered
Chosen Option : --

Q.55 What is the median for the following series?

2, 5, 4, 1, 8

- Ans
- ☒ 1. 3.5
 - ☒ 2. 4.5
 - ☒ 3. 4
 - ☒ 4. 7

Question ID : 9489118968
Option 1 ID : 94891135869
Option 2 ID : 94891135871
Option 3 ID : 94891135870
Option 4 ID : 94891135872

Status : Answered

Chosen Option : 3

Q.56 A train is travelling at a speed of 45 km/h. Calculate the distance that will be covered by the train in 64 seconds.

- Ans
- ☒ 1. 0.8 km
 - ☒ 2. 4 km
 - ☒ 3. 8 km
 - ☒ 4. 2.94 km

Question ID : 9489118962
Option 1 ID : 94891135845
Option 2 ID : 94891135848
Option 3 ID : 94891135846
Option 4 ID : 94891135847

Status : Not Answered

Chosen Option : --

Q.57 From the given options, select the developer of 'PARAM 10000', a supercomputer of Indian origin.

- Ans
- ☒ 1. TATA
 - ☒ 2. C-DAC, Pune
 - ☒ 3. IIT Kanpur
 - ☒ 4. IIT Kharagpur

Question ID : 9489118536
Option 1 ID : 94891134141
Option 2 ID : 94891134144
Option 3 ID : 94891134143
Option 4 ID : 94891134142

Status : Answered

Chosen Option : 2

Q.58 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans ☒ 1. HLG
☒ 2. KQJ
☒ 3. RXQ
☒ 4. CIB

Question ID : 9489118793

Option 1 ID : 94891135170

Option 2 ID : 94891135172

Option 3 ID : 94891135171

Option 4 ID : 94891135169

Status : Answered

Chosen Option : 1

Q.59 The roots of the equation $x^2 - 7x + 12 = 0$ are:

- Ans ☒ 1. 3, 4
☒ 2. 5, 6
☒ 3. 2, 3
☒ 4. 7, 8

Question ID : 9489118967

Option 1 ID : 94891135866

Option 2 ID : 94891135867

Option 3 ID : 94891135865

Option 4 ID : 94891135868

Status : Answered

Chosen Option : 1

Q.60 What was the Government of India Act 1935 based on?

- Ans ☒ 1. The acceptance of the independence of India
☒ 2.
The acceptance of the idea of a constituent assembly to draft a constitution
☒ 3. The principle of a federation and parliamentary system
☒ 4. The principle of session of the British India provinces

Question ID : 9489118520

Option 1 ID : 94891134078

Option 2 ID : 94891134079

Option 3 ID : 94891134080

Option 4 ID : 94891134077

Status : Answered

Chosen Option : 2

Q.61 Which native Indian dynasty issued their own coins with portraits of their rulers on them?

- Ans ☒ 1. The Satavahana Dynasty
☐ 2. The Peshwa Dynasty
☐ 3. The Pandya Dynasty
☐ 4. The Rashtrakuta Dynasty

Question ID : 9489118519

Option 1 ID : 94891134075

Option 2 ID : 94891134073

Option 3 ID : 94891134074

Option 4 ID : 94891134076

Status : Answered

Chosen Option : 2

Q.62 The study of cells is called _____.

- Ans ☒ 1. cytology
☐ 2. serology
☐ 3. cytoplasm
☐ 4. etiology

Question ID : 9489118514

Option 1 ID : 94891134053

Option 2 ID : 94891134056

Option 3 ID : 94891134054

Option 4 ID : 94891134055

Status : Answered

Chosen Option : 1

Q.63 Pushkar Mela is held in Pushkar. Which district does it come under?

- Ans ☐ 1. Kota
☒ 2. Ajmer
☐ 3. Amer
☐ 4. Bikaner

Question ID : 9489118509

Option 1 ID : 94891134036

Option 2 ID : 94891134035

Option 3 ID : 94891134033

Option 4 ID : 94891134034

Status : Answered

Chosen Option : 2

Q.64 The Government of India Constituted Narcotics Control Bureau in _____.

- Ans**
- ☒ 1. 1980
 - ☒ 2. 1982
 - ☒ 3. 1984
 - ☒ 4. 1986

Question ID : 9489118505
Option 1 ID : 94891134017
Option 2 ID : 94891134018
Option 3 ID : 94891134019
Option 4 ID : 94891134020

Status : Answered
Chosen Option : 4

Q.65 Which of the following was introduced to separate electorates, to widen the gap between Hindus and Muslims?

- Ans**
- ☒ 1. The Rowlatt Act
 - ☒ 2. Diarchy
 - ☒ 3. The Ilbert Bill
 - ☒ 4. The Morely-Minto Reforms

Question ID : 9489118521
Option 1 ID : 94891134084
Option 2 ID : 94891134082
Option 3 ID : 94891134081
Option 4 ID : 94891134083

Status : Answered
Chosen Option : 4

Q.66 If 58 out of 100 students in a school are boys, then express the part of the school that consists of boys in decimals.

- Ans**
- ☒ 1. 0.58
 - ☒ 2. 0.85
 - ☒ 3. 0.8
 - ☒ 4. 0.5

Question ID : 9489118949
Option 1 ID : 94891135793
Option 2 ID : 94891135796
Option 3 ID : 94891135795
Option 4 ID : 94891135794

Status : Answered
Chosen Option : 1

Q.67 The LCM of two numbers is 96 and their HCF is 8. If one of the two numbers is 32, then what is the other number?

- Ans**
- ☒ 1. 28
 - ☒ 2. 16
 - ☒ 3. 48
 - ☒ 4. 24

Question ID : 9489118950

Option 1 ID : 94891135800

Option 2 ID : 94891135799

Option 3 ID : 94891135797

Option 4 ID : 94891135798

Status : Answered

Chosen Option : 3

Q.68 Under which plan, for the first time, was the private sector given priority over the public sector?

- Ans**
- ☒ 1. Seventh Five-Year Plan
 - ☒ 2. Sixth Five-Year Plan
 - ☒ 3. Tenth Five-Year Plan
 - ☒ 4. Second Five-Year Plan

Question ID : 9489118540

Option 1 ID : 94891134157

Option 2 ID : 94891134159

Option 3 ID : 94891134158

Option 4 ID : 94891134160

Status : Answered

Chosen Option : 2

Q.69 National Handloom day is celebrated every year on _____.

- Ans**
- ☒ 1. 19 January
 - ☒ 2. 19 July
 - ☒ 3. 15 August
 - ☒ 4. 7 August

Question ID : 9489118504

Option 1 ID : 94891134013

Option 2 ID : 94891134016

Option 3 ID : 94891134014

Option 4 ID : 94891134015

Status : Answered

Chosen Option : 2

Q.70 Find the ninth term of an arithmetic progression with the first term as 5 and the common difference as 4.

- Ans
- ☒ 1. 35
 - ☒ 2. 39
 - ☒ 3. 37
 - ☒ 4. 41

Question ID : 9489118966
Option 1 ID : 94891135863
Option 2 ID : 94891135864
Option 3 ID : 94891135862
Option 4 ID : 94891135861

Status : Answered

Chosen Option : 1

Q.71 Fatima has only one sibling. She also has only one daughter Rushna. Rushna and Rameez are married to each other. Their maternal aunts are Maryam and Khadija, respectively. How is Khadija's mother related to Maryam's niece?

- Ans
- ☒ 1. Mother's sister
 - ☒ 2. Husband's mother
 - ☒ 3. Mother's mother
 - ☒ 4. Husband's mother's mother

Question ID : 9489118775
Option 1 ID : 94891135097
Option 2 ID : 94891135098
Option 3 ID : 94891135099
Option 4 ID : 94891135100

Status : Answered

Chosen Option : 3

Q.72 A bacterial population increases at the rate of 6% in the first 10 minutes and then 10% in the next 10 minutes. What is the overall percentage increase in the population at the end of 20 minutes?

- Ans
- ☒ 1. 16%
 - ☒ 2. 16.3%
 - ☒ 3. 16.5%
 - ☒ 4. 16.6%

Question ID : 9489118955
Option 1 ID : 94891135817
Option 2 ID : 94891135820
Option 3 ID : 94891135818
Option 4 ID : 94891135819

Status : Answered

Chosen Option : 4

Q.73 If the length of the tangent from $(2, 5)$ to $x^2 + y^2 - 5x + 4y + k = 0$ is $\sqrt{37}$ units, then the value of k is:

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

Question ID : 9489118971

Option 1 ID : 94891135881

Option 2 ID : 94891135882

Option 3 ID : 94891135883

Option 4 ID : 94891135884

Status : Not Answered

Chosen Option : --

Q.74 _____ is the first synthetic fibre made by man.

- Ans
- ☒ 1. Silicon
 - ☒ 2. Nylon
 - ☒ 3. Spandex
 - ☒ 4. Acrylic

Question ID : 9489118511

Option 1 ID : 94891134041

Option 2 ID : 94891134044

Option 3 ID : 94891134043

Option 4 ID : 94891134042

Status : Answered

Chosen Option : 2

Q.75 In a certain code language, if 'UVW' is written as 'XYZ', then how will 'TRUE' be written as in that language?

- Ans
- ☒ 1. WUXH
 - ☒ 2. WESH
 - ☒ 3. WUYX
 - ☒ 4. WUZX

Question ID : 9489118799

Option 1 ID : 94891135194

Option 2 ID : 94891135193

Option 3 ID : 94891135195

Option 4 ID : 94891135196

Status : Answered

Chosen Option : 1

Q.76 Which of the following is NOT an eye condition/disease?

- Ans**
- ☐ 1. Glaucoma
 - ☒ 2. Goiter
 - ☐ 3. Cataract
 - ☐ 4. Dry eye

Question ID : 9489118512

Option 1 ID : 94891134046

Option 2 ID : 94891134047

Option 3 ID : 94891134045

Option 4 ID : 94891134048

Status : Answered

Chosen Option : 2

Q.77 In a certain code language, if 'KANPUR' is written as 'LZOOVQ', then how will 'LUCKNOW' be written as in that language?

- Ans**
- ☐ 1. MDTJONX
 - ☒ 2. MTDJONX
 - ☐ 3. MTDNXOJ
 - ☐ 4. MDTNOXJ

Question ID : 9489118778

Option 1 ID : 94891135109

Option 2 ID : 94891135112

Option 3 ID : 94891135111

Option 4 ID : 94891135110

Status : Answered

Chosen Option : 2

Q.78 A alone can complete a work in 12 days and B alone can complete the same work in 18 days. They started working together, but A left after 3 days. In how many days will B alone be able to complete the remaining work?

- Ans**
- ☐ 1. 13.5
 - ☐ 2. 15
 - ☒ 3. 10.5
 - ☐ 4. 21

Question ID : 9489118963

Option 1 ID : 94891135851

Option 2 ID : 94891135852

Option 3 ID : 94891135849

Option 4 ID : 94891135850

Status : Answered

Chosen Option : 3

Q.79 What do you call the process of erosion due to the action of snow?

- Ans**
- ☒ 1. Nivation
 - ☐ 2. Moraine-formation
 - ☐ 3. Bio-erosion
 - ☐ 4. Sedimentation

Question ID : 9489118526

Option 1 ID : 94891134103

Option 2 ID : 94891134101

Option 3 ID : 94891134104

Option 4 ID : 94891134102

Status : **Not Answered**

Chosen Option : --

Q.80 The ratio of A's salary to that of B was 4 : 5. A's salary got increased by 10% and B's salary got increased by 20%. What is the ratio of A's salary to that of B now?

- Ans**
- ☐ 1. 15 : 14
 - ☐ 2. 11 : 14
 - ☐ 3. 14 : 11
 - ☒ 4. 11 : 15

Question ID : 9489118960

Option 1 ID : 94891135838

Option 2 ID : 94891135840

Option 3 ID : 94891135837

Option 4 ID : 94891135839

Status : **Answered**

Chosen Option : 4

Q.81 The equation of the line passing through (2, 3) and perpendicular to the line joining (-5, 6) and (-6, 5) is:

- Ans**
- ☒ 1. $x + y - 5 = 0$
 - ☐ 2. $x - y - 5 = 0$
 - ☐ 3. $x + y + 5 = 0$
 - ☐ 4. $x - y + 5 = 0$

Question ID : 9489118970

Option 1 ID : 94891135880

Option 2 ID : 94891135877

Option 3 ID : 94891135879

Option 4 ID : 94891135878

Status : **Answered**

Chosen Option : 4

Q.82 From the given options, which is India's first indigenously built nuclear-armed submarine?

- Ans
- ☒ 1. INS Chakra
 - ☒ 2. INS Kalvari
 - ☒ 3. INS Arihant
 - ☒ 4. INS Khukhri

Question ID : 9489118531
Option 1 ID : 94891134124
Option 2 ID : 94891134122
Option 3 ID : 94891134123
Option 4 ID : 94891134121

Status : Answered
Chosen Option : 2

Q.83 Select the most appropriate description about the given set of words.

Pamphlets, Newspapers, Radio

- Ans
- ☒ 1. All are means of global news.
 - ☒ 2. All are means of broadcast media.
 - ☒ 3. All are means of spreading information.
 - ☒ 4. All are means of print media.

Question ID : 9489118777
Option 1 ID : 94891135106
Option 2 ID : 94891135108
Option 3 ID : 94891135105
Option 4 ID : 94891135107

Status : Answered
Chosen Option : 3

Q.84 Who formulated the equation $E = mc^2$?

- Ans
- ☒ 1. Marie Curie
 - ☒ 2. Stephen Hawking
 - ☒ 3. Albert Einstein
 - ☒ 4. Isaac Newton

Question ID : 9489118516
Option 1 ID : 94891134064
Option 2 ID : 94891134062
Option 3 ID : 94891134063
Option 4 ID : 94891134061

Status : Answered
Chosen Option : 3

Q.85 What is 'Bhuvan'?

Ans ☒ 1.

A mini satellite launched by ISRO for promoting distance education in India.

☒ 2. A space telescope developed by India.

☒ 3.

The name given to the Moon Impact Probe for Chandrayaan-2.

☒ 4. A geo-portal of ISRO with 3D imaging capabilities.

Question ID : 9489118532

Option 1 ID : 94891134125

Option 2 ID : 94891134128

Option 3 ID : 94891134126

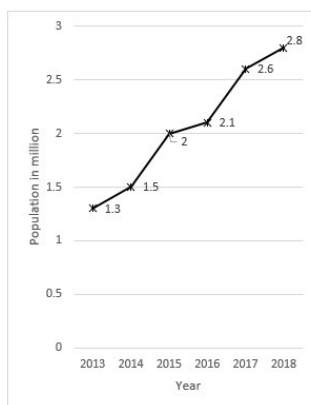
Option 4 ID : 94891134127

Status : Answered

Chosen Option : 4

Q.86 The following line graph shows the population (in million) of Istanbul over 6 years (from 2013 to 2018).

Answer the given question based on the line graph.



What is the approximate percentage increase in the population of Istanbul from 2013 to 2018?

Ans ☒ 1. 130%

☒ 2. 120%

☒ 3. 118%

☒ 4. 115%

Question ID : 9489118789

Option 1 ID : 94891135156

Option 2 ID : 94891135153

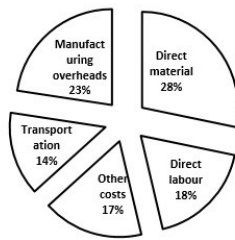
Option 3 ID : 94891135155

Option 4 ID : 94891135154

Status : Answered

Chosen Option : 4

Q.87 The following pie-chart shows the percentage distribution of the expenditure incurred by a company in manufacturing electric kettles. Answer the given question based on the pie-chart.



If for manufacturing a certain quantity of electric kettles, the company has to pay ₹56,000 towards direct material cost, then how much will be the manufacturing overhead cost?

- Ans**
- ☒ 1. ₹35,000
 - ☒ 2. ₹50,000
 - ☒ 3. ₹40,000
 - ☒ 4. ₹46,000

Question ID : 9489118790

Option 1 ID : 94891135159

Option 2 ID : 94891135158

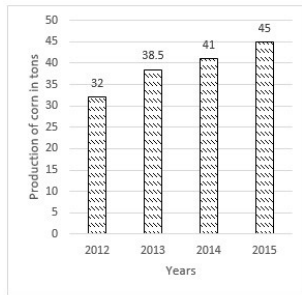
Option 3 ID : 94891135160

Option 4 ID : 94891135157

Status : Answered

Chosen Option : 4

Q.88 The following bar graph shows the increase in the production of corn (in tons) over 4 years (from 2012 to 2015). Answer the given question based on the bar graph.



What is the percentage increase (upto two decimal points) in the production of corn in 2015 as compared to the previous year?

- Ans**
- ☒ 1. 10.10%
 - ☒ 2. 8.58%
 - ☒ 3. 9.75%
 - ☒ 4. 9.26%

Question ID : 9489118791

Option 1 ID : 94891135162

Option 2 ID : 94891135163

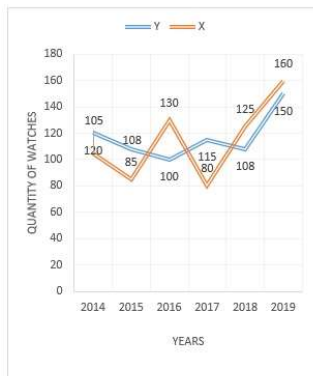
Option 3 ID : 94891135161

Option 4 ID : 94891135164

Status : Answered

Chosen Option : 3

- Q.89** The following line graph shows the quantity of digital watches manufactured by two companies X and Y over 6 years (from 2014 to 2019). Answer the given question based on the line graph.



In which year is the absolute difference between the quantity of watches manufactured by company X and company Y the maximum?

- Ans**
- ☒ 1. 2016
 - ☒ 2. 2019
 - ☒ 3. 2017
 - ☒ 4. 2018

Question ID : 9489118792

Option 1 ID : 94891135166

Option 2 ID : 94891135167

Option 3 ID : 94891135165

Option 4 ID : 94891135168

Status : Answered

Chosen Option : 3

- Q.90** Select the combination of mathematical signs that when sequentially placed in the blanks of the given equation will balance the equation.

$$12 _ 3 _ 12 _ 24$$

- Ans**
- ☒ 1. $\times - =$
 - ☒ 2. $\times = \div$
 - ☒ 3. $\times = -$
 - ☒ 4. $\div + =$

Question ID : 9489118784

Option 1 ID : 94891135135

Option 2 ID : 94891135133

Option 3 ID : 94891135134

Option 4 ID : 94891135136

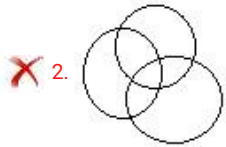
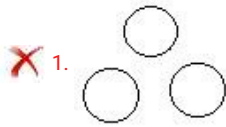
Status : Answered

Chosen Option : 1

Q.91 Select the Venn diagram that best represents the relationship between the following classes.

Envy, Fear, Emotion.

Ans



Question ID : 9489118797

Option 1 ID : 94891135188

Option 2 ID : 94891135186

Option 3 ID : 94891135187

Option 4 ID : 94891135185

Status : Not Answered

Chosen Option : --

Q.92 A, B, C, D, F and H are the names of three flowers, one fruit and two animals. A and B are not flowers. D is neither a fruit nor a flower. A is not an animal. Which one among the following is the animal?

Ans

1. B

2. H

3. F

4. C

Question ID : 9489118800

Option 1 ID : 94891135200

Option 2 ID : 94891135197

Option 3 ID : 94891135198

Option 4 ID : 94891135199

Status : Answered

Chosen Option : 1

Q.93 Abie and Jack are father and son, respectively. Jack is the grandson of Paulino. Sabrina and Martha are daughter and mother, respectively. Sabrina is the grand-daughter of Agatha. If Agatha and Paulino are married and have a single child, how is Jack related to Sabrina?

- Ans**
- ☒ 1. Husband
 - ☐ 2. Brother
 - ☐ 3. Father
 - ☐ 4. Uncle

Question ID : 9489118776

Option 1 ID : 94891135101

Option 2 ID : 94891135103

Option 3 ID : 94891135104

Option 4 ID : 94891135102

Status : Answered

Chosen Option : 1

Q.94 Select the alphanumeric-cluster that can replace the question mark (?) in the following series?

S-81, Q-64, ?, M-36, K-25

- Ans**
- ☒ 1. O-49
 - ☐ 2. P-42
 - ☐ 3. M-52
 - ☐ 4. K-40

Question ID : 9489118787

Option 1 ID : 94891135146

Option 2 ID : 94891135145

Option 3 ID : 94891135147

Option 4 ID : 94891135148

Status : Answered

Chosen Option : 1

Q.95 Select the number that can replace the question mark (?) in the following series.

18, 31, 44, 57, 70, ?

- Ans**
- ☒ 1. 83
 - ☐ 2. 88
 - ☐ 3. 91
 - ☐ 4. 84

Question ID : 9489118783

Option 1 ID : 94891135130

Option 2 ID : 94891135132

Option 3 ID : 94891135131

Option 4 ID : 94891135129

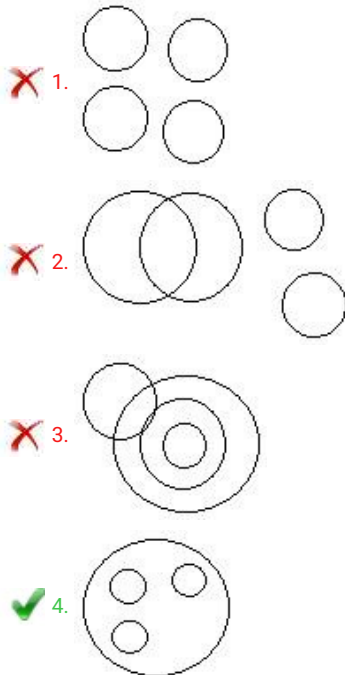
Status : Answered

Chosen Option : 1

Q.96 Select the Venn diagram that best represents the relationship between the following classes.

Books, Textbooks, Novels, Notebooks.

Ans



Question ID : 9489118796
Option 1 ID : 94891135183
Option 2 ID : 94891135182
Option 3 ID : 94891135184
Option 4 ID : 94891135181
Status : Answered
Chosen Option : 4

Q.97 Without assuming anything beyond the information given, select the correct nature of relationship between the two events A and B.

Event A: Ronit went to the dentist.

Event B: Ronit had a toothache.

Ans

1. 

Event B is the effect and event A is its immediate and principal cause.

2. 

Event A is the effect but event B is not its immediate and principal cause.

3. 

Event B is the effect but event A is not its immediate and principal cause.

4. 

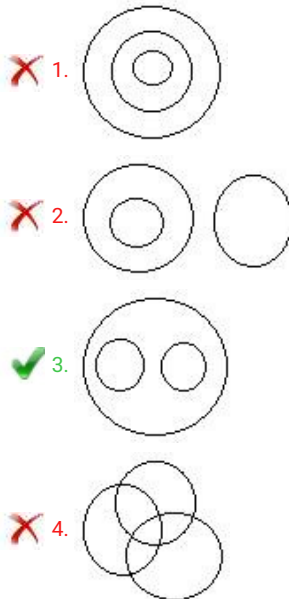
Event A is the effect and event B is its immediate and principal cause.

Question ID : 9489118781
Option 1 ID : 94891135122
Option 2 ID : 94891135123
Option 3 ID : 94891135124
Option 4 ID : 94891135121
Status : Answered
Chosen Option : 4

Q.98 Select the Venn diagram that best represents the relationship between the following classes.

Institution, Hospital, University.

Ans



Question ID : 9489118798

Option 1 ID : 94891135189

Option 2 ID : 94891135192

Option 3 ID : 94891135191

Option 4 ID : 94891135190

Status : Answered

Chosen Option : 2

Q.99 Without assuming anything beyond the information given, select the correct nature of relationship between the two events A and B.

Event A: The teacher gave Zara severe punishment.

Event B: Zara's parents have spoiled her.

Ans

1.

Event A is the effect but event B is not its immediate and principal cause.

2.

Event B is the effect and event A is its immediate and principal cause.

3.

Event B is the effect but event A is not its immediate and principal cause.

4.

Event A is the effect and event B is its immediate and principal cause.

Question ID : 9489118782

Option 1 ID : 94891135127

Option 2 ID : 94891135126

Option 3 ID : 94891135128

Option 4 ID : 94891135125

Status : Answered

Chosen Option : 1

Q.100 Rakesh is Maternal grandfather of Radha and Paternal grandfather of Prerana. Rakesh has only two children, Raman and Radha's mother. How is Prerna related to Raman?

Ans



1. Aunt



2. Daughter



3. Niece



4. Wife

Question ID : **9489118774**

Option 1 ID : **94891135096**

Option 2 ID : **94891135095**

Option 3 ID : **94891135093**

Option 4 ID : **94891135094**

Status : **Answered**

Chosen Option : **2**