

# 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<br>Name | Join YouTube Channel                                   |
| Test Center<br>Name | Rourkela Institute Of Management Studies MAC<br>Center |
| Test Date           | 27/03/2021   |
| 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.

- 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

 $\textbf{Q.1} \quad \text{The curved surface area of a cylindrical pillar is } 66~\text{m}^2 \text{ and its volume is } 231~\text{m}^3. \text{ Find the measure of its radius.}$ 

 $\left(\text{Take }\pi = \frac{22}{7}\right)$ 

Ans

X 1. 12 m

✓ 2. 7 m

X 3. 14 m

X 4. 7.5 m

Question ID: 94891111264

Option 1 ID: 94891145054

Option 2 ID: 94891145055

Option 3 ID: 94891145053

Option 4 ID: 94891145056

Status: Answered

If P is a prime number and P divides Q<sup>2</sup>, then P will NOT necessarily divide: Ans X 1. 3Q √ 2. Q + 1 X 3. 2Q<sup>2</sup> X 4. Q Question ID: 94891111250 Option 1 ID: 94891144999 Option 2 ID: 94891145000 Option 3 ID: 94891144997 Option 4 ID: 94891144998 Status: Answered Chosen Option: 2 Q.3 Old alluvial soil is known as: Ans X 1. Regur X 2. Arid X 3. Khadar 🗸 4. Bangar Question ID: 94891111123 Option 1 ID: 94891144491 Option 2 ID: 94891144492 Option 3 ID: 94891144490 Option 4 ID: 94891144489 Status : Not Attempted and Marked For Review Chosen Option: --The United Nations International Day of Women and Girls in Science is annually observed on \_\_\_\_\_. Q.4 🗡 1. 29<sup>th</sup> January Ans × 2. 15<sup>th</sup> January × 3. 15<sup>th</sup> February ✓ 4. 11<sup>th</sup> February Question ID: 94891111106 Option 1 ID: 94891144421 Option 2 ID: 94891144422 Option 3 ID: 94891144424 Option 4 ID: 94891144423 Status: Answered Chosen Option: 3

Ans X 1. Master page √ 2. Home page X 3. Grand page X 4. First page Question ID: 94891111138 Option 1 ID: 94891144550 Option 2 ID: 94891144552 Option 3 ID: 94891144551 Option 4 ID: 94891144549 Status: Answered Chosen Option: 2 What is the sum of the measures of the interior angles of a hexagon? √ 1. 720° X 2. 1080° X 3. 150° X 4. 810° Question ID: 94891111268 Option 1 ID: 94891145070 Option 2 ID: 94891145072 Option 3 ID: 94891145069 Option 4 ID: 94891145071 Status: Answered Chosen Option: 1 Which was the first commercial and marketing arm of ISRO? Ans X 1. Sky Corporation Limited X 2. Space Corporation Limited X 3. Research Corporation Limited 4. Antrix Corporation Limited Question ID: 94891111135 Option 1 ID: 94891144537 Option 2 ID: 94891144539 Option 3 ID: 94891144540 Option 4 ID: 94891144538 Status : Not Attempted and Marked For Review Chosen Option: --

The main page of a website or a browser is called:

## Q.8 Citrus canker is a:

Ans

- √ 1. bacterial disease
- X 2. fungal disease
- X 3. viral disease
- X 4. hormonal disorder

Question ID : **94891111113** Option 1 ID : **94891144451** Option 2 ID : **94891144450** 

Option 3 ID : **94891144449** Option 4 ID : **94891144452** 

Status : Not Attempted and Marked For Review

Chosen Option: --

# Q.9 What is the value of the following?

$$(a+1)(1-a)(1-a+a^2)(1+a+a^2)(1+a^6)$$

Ans

- $\times$  1. 1 +  $a^{36}$
- $\times$  2.  $1-a^{36}$
- $\times$  3.  $1 + a^{12}$
- $\checkmark$  4.  $1 a^{12}$

Question ID: 94891111266

Option 1 ID: 94891145064 Option 2 ID: 94891145063

Option 3 ID : **94891145062** Option 4 ID : **94891145061** 

Status : Answered

Chosen Option: 2

#### Q.10 Select the option that is related to the third term in the same way as the second term is related to the first term.

Tennis: Sport:: Dance:?

Ans

- X 1. Troupe
- X 2. Stage
- X 3. Music
- √ 4. Art

Question ID: 94891111676

Option 1 ID: 94891146701

Option 2 ID: 94891146704

Option 3 ID: 94891146702

Option 4 ID: 94891146703 Status: Answered

Q.11 Which of the following rivers of India does not originate from the Western Ghat? Ans X 1. Kaveri ✓ 2. Tapti X 3. Krishna X 4. Godavari Question ID: 94891111122 Option 1 ID: 94891144487 Option 2 ID: 94891144486 Option 3 ID: 94891144488 Option 4 ID: 94891144485 Status: Answered Chosen Option: 3 Q.12 Among the following, the weakest force is: X 1. Electric force √ 2. Gravitational force X 3. Buoyant force X 4. Nuclear force Question ID: 94891111111 Option 1 ID: 94891144442 Option 2 ID: 94891144441 Option 3 ID: 94891144444 Option 4 ID: 94891144443 Status: Answered Chosen Option: 2 Q.13 Which one of the following is NOT a scalar quantity? X 1. Time X 2. Speed √ 3. Force X 4. Distance Question ID: 94891111116 Option 1 ID: 94891144461 Option 2 ID: 94891144463 Option 3 ID: 94891144462 Option 4 ID: 94891144464 Status: Answered Chosen Option: 3

Ans X 1. Gangapur X 2. Kolayat X 3. Jhalawar 4. Pushkar Question ID: 94891111108 Option 1 ID: 94891144430 Option 2 ID: 94891144429 Option 3 ID: 94891144431 Option 4 ID: 94891144432 Status: Answered Chosen Option: 4 Q.15 A tree is broken by the wind at a height from the foot. The broken upper part of 10 m length touches the ground at a distance of 6 m from the foot of the tree. Find the height of the tree. Ans X 1. 20 m X 2. 16 m X 3. 24 m ✓ 4. 18 m Question ID: 94891111269 Option 1 ID: 94891145075 Option 2 ID: 94891145074 Option 3 ID: 94891145076 Option 4 ID: 94891145073 Status: Answered Chosen Option: 4 Q.16 The worship of images of Buddha became an important tradition in: X 1. Nyingma X 2. Vajrayana √ 3. Mahayana X 4. Hinayana Question ID: 94891111117 Option 1 ID: 94891144468 Option 2 ID: 94891144467 Option 3 ID: 94891144466 Option 4 ID: 94891144465 Not Attempted and Status : Marked For Review Chosen Option: --

Q.14 Which of the following places is known for the world's largest Camel Fairs in India?

X 1. The Favorite X 2. Roma X 3. Free Solo 4. Green Book Question ID: 94891111107 Option 1 ID: 94891144425 Option 2 ID: 94891144428 Option 3 ID: 94891144427 Option 4 ID: 94891144426 Status : Not Attempted and Marked For Review Chosen Option: --Q.18 A fort has provisions for 150 men for 45 days. After 10 days 25 men left the fort. How long will the provisions last at the same rate for the remaining men? Ans X 1. 50 days X 2. 45 days √ 3. 42 days X 4. 40 days Question ID: 94891111254 Option 1 ID: 94891145016 Option 2 ID: 94891145015 Option 3 ID: 94891145013 Option 4 ID: 94891145014 Status: Answered Chosen Option: 3 Q.19 The subject 'Marriage' belongs to the: Ans X 1. state list √ 2. concurrent list X 3. union list X 4. residuary subjects Question ID: 94891111128 Option 1 ID: 94891144509 Option 2 ID: 94891144510 Option 3 ID: 94891144512 Option 4 ID: 94891144511 Status: Answered Chosen Option: 2

Q.17 At the 91st Oscar Awards, which of the following received the Best Picture award?

Ans

# Q.20 The distance between the Sun and the Earth is approximately:

Ans

✓ 1. 150 million km

× 2. 120 million km

X 3. 140 million km

X 4. 130 million km

Question ID: 94891111114
Option 1 ID: 94891144456
Option 2 ID: 94891144453
Option 3 ID: 94891144455
Option 4 ID: 94891144454
Status: Not Attempted and Marked For Review

Chosen Option : --

Q.21 Seven boys B1, B2, B3, B4, B5, B6, and B7 are sitting in a row facing towards south (not necessarily in the same order). B7 is not the neighbour of B1. B3 is to the immediate right of B4 but is not the neighbour of B5. B2 sits at one of the extreme ends and is the neighbour of B4. Only two boys sit between B1 and B5.
Which of the following position of B6 is correct?

Ans

√ 1. Immediate right of B1

X 2. Immediate right of B7

X 3. Second to the right of B5

X 4. Second to the left of B3

Question ID: 94891111700
Option 1 ID: 94891146797
Option 2 ID: 94891146799
Option 3 ID: 94891146798
Option 4 ID: 94891146800
Status: Answered

Chosen Option: 1

Q.22 If  $X = \sqrt{\left(1 + \frac{\sqrt{3}}{2}\right)} + \sqrt{\left(1 - \frac{\sqrt{3}}{2}\right)}$  then the simplified value of X will be:

Ans

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

Question ID : 94891111249 Option 1 ID : 94891144993

Option 2 ID : **94891144994**Option 3 ID : **94891144995**Option 4 ID : **94891144996** 

Status: Answered

Q.23 Which of the following satellites of ISRO is an experimental satellite?

Ans 🥥

√ 1. YOUTHSAT

X 2. RESOURCESAT - I

X 3. SCATSAT – I

X 4. RISAT - I

Question ID: 94891111133 Option 1 ID: 94891144530 Option 2 ID: 94891144529 Option 3 ID: 94891144532 Option 4 ID: 94891144531

Status : Not Attempted and Marked For Review

Chosen Option: --

 $^{ extsf{Q.24}}$  Which of the following minerals is contained in bauxite, a clay like substance?

Ans

X 1. Coal

✓ 2. Aluminium

X 3. Iron

X 4. Thorium

Question ID: 94891111126 Option 1 ID: 94891144501 Option 2 ID: 94891144504 Option 3 ID: 94891144502 Option 4 ID: 94891144503 Status: Answered

Chosen Option: 2

Q.25 Seven friends P, Q, R, S, T, V and W are sitting around a circular table facing towards centre (not necessarily in the same order). R sits to the immediate left of W and third to the left of P. Only two friends sit between P and S. Q sits to the immediate left of V.

What is the position of T with respect to S?

Ans

X 1. Second to the right

√ 2. Third to the right

X 3. Fourth to the right

X 4. Third to the left

Question ID : **94891111703**Option 1 ID : **94891146811**Option 2 ID : **94891146810** 

Option 3 ID : **94891146812** Option 4 ID : **94891146809** Status : **Answered** 

Q.26 Rashmi Samant is the first Indian woman to occupy the position of president of \_\_\_\_\_\_ Student Union in Feb, 2021. Ans X 1. Westminster ✓ 2. Oxford X 3. Cambridge X 4. Cardiff Ouestion ID: 94891111104 Option 1 ID: 94891144415 Option 2 ID: 94891144413 Option 3 ID: 94891144414 Option 4 ID: 94891144416 Status : Not Attempted and Marked For Review Chosen Option: --Q.27 What is the least number which is a perfect square and contains 3675 as its factor? √ 1. 11025 Ans × 2. 11055 X 3. 11045 X 4. 11035 Question ID: 94891111246 Option 1 ID: 94891144983 Option 2 ID: 94891144984 Option 3 ID: 94891144982 Option 4 ID: 94891144981 Status: Answered Chosen Option: 1 Q.28 Who was the second person who joined individual satyagraha movement in 1940? Ans X 1. Vinoba Bhave √ 2. Jawahar Lal Nehru X 3. Subhash Chandra Bose X 4. Muhammad Ali Jinnah Question ID: 94891111121 Option 1 ID: 94891144481 Option 2 ID: 94891144482 Option 3 ID: 94891144483 Option 4 ID: 94891144484 Status: Answered Chosen Option: 2

Q.29 The incomes of A and B are in the ratio 3:2 and their expenditures are in the ratio 5:3. If each saves ₹2,000, what will be the difference between their incomes?

Ans

- 1. ₹4,000
- × 2. ₹6,000
- X 3. ₹5,000
- X 4. ₹8,000

Question ID: 94891111255 Option 1 ID: 94891145019 Option 2 ID: 94891145018

Option 3 ID: 94891145020 Option 4 ID: 94891145017 Status: Answered

Chosen Option: 1

Q.30 The book 'A Brief History of Time' has been written by:

- X 1. Satyendranath Bose
- X 2. J.V.Narlikar
- X 3. C.V. Raman
- 4. Stephen Hawking

Question ID: 94891111131

Option 1 ID: 94891144521

Option 2 ID: 94891144523

Option 3 ID: 94891144522 Option 4 ID: 94891144524

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.31 Which of the following is a rational number?

Ans

- $\times$  1.  $(\sqrt{2} + \sqrt{5})^2$
- $\times$  2. 2 +  $\sqrt{5}$
- $\times$  3. 2  $\sqrt{5}$
- $\checkmark$  4.  $(\sqrt{2} + \frac{1}{\sqrt{8}})^2$

Question ID: 94891111248

Option 1 ID: 94891144991

Option 2 ID: 94891144989

Option 3 ID: 94891144990

Option 4 ID: 94891144992

Status: Answered

Q.32 The Vijayanagara empire was founded in the:

Ans X 1. 15<sup>th</sup> century

✓ 2. 14<sup>th</sup> century

× 3. 13<sup>th</sup> century

× 4. 16<sup>th</sup> century

Question ID: 94891111118

Option 1 ID: 94891144471 Option 2 ID: 94891144470 Option 3 ID: 94891144469 Option 4 ID: 94891144472

Status: Answered

Chosen Option: 2

Q.33 India secured the \_\_\_\_\_ rank on Global Innovation Index 2020.

Ans X 1. 71st

× 2. 50<sup>th</sup>

X 3. 15th

✓ 4. 48<sup>th</sup>

Question ID: 94891111143

Option 1 ID: 94891144569

Option 2 ID: 94891144571

Option 3 ID: 94891144572

Option 4 ID: 94891144570

Status : Not Attempted and Marked For Review

Q.34 Study the following information carefully and answer the question that follows.

The following are the eligibility criteria for becoming a member of a library.

- (i) The applicant should be able to pay a one-time membership fee of ₹10,000 and contribute two books worth ₹500.
- (ii) The one-time membership fee is relaxed up to 50% if the applicant donates books worth ₹5,000 in total.
- (iii) For school students, membership fee is relaxed till the age of 18 years.
- (iv) Serving school teachers are required to pay only ₹2,000 if they help 20 students to become members of the library.
- (v) Only for serving Defence personnel and their wards, the membership of the library is free of cost.

Data/information about an individual is given. You have to decide, based on the information provided, under which criterion/criteria is the individual eligible, if so, to get a membership. Please note that an individual can be eligible under more than one criteria. You are not to assume anything other than the information provided in each question.

Mr. A is 30-years-old and the son of a retired army officer. He is ready to pay a membership fee of ₹10,000 and contribute two books worth ₹500.

Ans

X 1. Eligible only under (v)

X 2. Not eligible

✓ 3. Eligible only under (i)

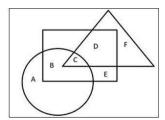
X 4. Eligible only under (ii) and (v)

Question ID : 94891111681 Option 1 ID : 94891146723 Option 2 ID : 94891146721 Option 3 ID : 94891146722 Option 4 ID : 94891146724

Status : Answered

Chosen Option: 3

Q.35 In the following Venn diagram, the rectangle represents engineers, the circle represents the people who live in urban areas and the triangle represents the people who are in government jobs. Which letter represents engineers who live in urban areas and are in government jobs?



Ans







X 4. D

Question ID: 94891111697

Option 1 ID: 94891146787

Option 2 ID : **94891146786** Option 3 ID : **94891146785** 

Option 4 ID: 94891146788

Status : **Answered** Chosen Option : **1** 

Q.36 Find the HCF of 16.5, 0.45 and 15. Ans X 1. 45 X 2. 15 **√** 3. 0.15 X 4. 0.45 Question ID: 94891111244 Option 1 ID: 94891144975 Option 2 ID: 94891144973 Option 3 ID: 94891144974 Option 4 ID: 94891144976 Status: Answered Chosen Option: 3 Q.37 When was the National Green Tribunal Act passed in India? Ans X 1. 2006 **2**. 2010 X 3. 2008 X 4. 2011 Question ID: 94891111134 Option 1 ID: 94891144533 Option 2 ID: 94891144534 Option 3 ID: 94891144535 Option 4 ID: 94891144536 Status: Answered Chosen Option: 3 Q.38 A person lent a certain sum of money at the rate of 4% simple interest per annum. In 8 years, the interest amounted to ₹340 less than the sum lent. Find the sum lent. Ans X 1. ₹600 × 2. ₹800 **√** 3. ₹500 X 4. ₹400

Question ID: 94891111257 Option 1 ID: 94891145025 Option 2 ID: 94891145028 Option 3 ID: 94891145026 Option 4 ID: 94891145027 Status: Answered

 $\times$  4.  $\frac{1}{2}$ 

Question ID : 94891111252 Option 1 ID : 94891145006 Option 2 ID : 94891145005 Option 3 ID : 94891145007 Option 4 ID : 94891145008 Status : Answered

Chosen Option: 1

Q.40 Who among the following attended all the three round table conferences in London?

Ans 🗸 1. B.R. Ambedkar

X 2. Subhash Chandra Bose

X 3. K.T. Pal

X 4. Muhammad Ali Jinnah

Question ID : 94891111119
Option 1 ID : 94891144474
Option 2 ID : 94891144473
Option 3 ID : 94891144476
Option 4 ID : 94891144475
Status : Answered
Chosen Option : 1

Q.41 A can complete in 2 days as much of a task as B can complete in 3 days and B can complete in 4 days as much of the task as C can complete in 5 days. In what time will A, B and C together complete the task if A alone can complete it in 22 days?

Ans

X 1 11 days

X 2. 14 days

X 4. 12 days

Question ID : 94891111261 Option 1 ID : 94891145042 Option 2 ID : 94891145043 Option 3 ID : 94891145044 Option 4 ID : 94891145041 Status : Answered

Find the median of the given data.

25, 18, 20, 16, 8, 10, 15, 20, 13, 30

Ans X 1. 30

**√** 2. 17

X 3. 20

X 4. 15

Question ID: 94891111270

Option 1 ID: 94891145079

Option 2 ID: 94891145077

Option 3 ID: 94891145078 Option 4 ID: 94891145080

Status: **Answered** 

Chosen Option: 2

Q.43 A man lent a part of ₹30,000 at the rate of 10% per annum and the remaining at the rate of 8% per annum simple interest. The total interest he received after 3 years is ₹8,280. Find the amount he lent at 10% per annum.

Ans

X 1. ₹16,000

× 2. ₹20,000

X 3. ₹19,000

√ 4. ₹18,000

Question ID: 94891111258

Option 1 ID: 94891145030

Option 2 ID: 94891145031

Option 3 ID: 94891145032

Option 4 ID: 94891145029 Status: Answered

Chosen Option: 4

Q.44 Supposing that the telegraph poles on a railroad are 50 m apart, how many poles will be passed by a train in 4 h if the speed of the train is 45 km/h?

(Include both the poles at the starting point as well as the one at the end of the journey in your count)

Ans

X 1. 3600

X 2. 3604

X 3. 3602

4. 3601

Question ID: 94891111262

Option 1 ID: 94891145045

Option 2 ID: 94891145048 Option 3 ID: 94891145046

Option 4 ID: 94891145047

Status: Answered

Q.45 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(9, 81, 6561)

- Ans X 1. (3, 9, 27)
  - × 2. (5, 25, 125)
  - **√** 3. (2, 4, 16)
  - **X** 4. (4, 16, 64)

Question ID: 94891111687

Option 1 ID: 94891146748 Option 2 ID: 94891146747

Option 3 ID: 94891146746 Option 4 ID: 94891146745

Status: Answered

Chosen Option: 3

Q.46 The height of a house is h and 5.2 m long ladder is just sufficient to go at the top of the house when its inclination with the horizontal ground is 45°. Find the height of the house.

Ans

- X 1. 14 m
- × 2. 10.4 m
- $\checkmark$  3.  $\frac{13\sqrt{2}}{5}$  m
- X 4. 13 m

Question ID: 94891111271

Option 1 ID: 94891145084

Option 2 ID: 94891145083

Option 3 ID: 94891145082

Option 4 ID: 94891145081 Status: Answered

Chosen Option: 3

Identify the number that is different from the rest.

- Ans 🗸 1. 836
  - X 2. 1296
  - X 3. 576
  - X 4. 1156

Question ID: 94891111695

Option 1 ID: 94891146778

Option 2 ID: 94891146780

Option 3 ID: 94891146777

Option 4 ID: 94891146779

Status: Answered

Ans √ ¹ Kathakali X 2. Mohiniyattam X 3. Bharatanatyam X 4. Kathak Question ID: 94891111110 Option 1 ID: 94891144439 Option 2 ID: 94891144440 Option 3 ID: 94891144437 Option 4 ID: 94891144438 Status: Answered Chosen Option: 1 Buffer stock, created by the Indian government, is the stock of: Ans X 1. wood X 2. meat 3. food grains X 4. plastics Question ID: 94891111139 Option 1 ID: 94891144555 Option 2 ID: 94891144556 Option 3 ID: 94891144554 Option 4 ID: 94891144553 Status: Answered Chosen Option: 3 Q.50 A car travels a distance of 300 km at a uniform speed. If the speed of the car is 5 km/h more, it takes 2 h less to cover the same distance. Find the original speed of the car. Ans 1 20 km/h ✓ 2. 25 km/h X 3. 30 km/h X 4. 24 km/h Question ID: 94891111263 Option 1 ID: 94891145050 Option 2 ID: 94891145049 Option 3 ID: 94891145052 Option 4 ID: 94891145051 Status: Answered Chosen Option: 2

Q.48 Which South Indian classical dance form literally means 'Story-Play'?

Q.51 Out of the words listed, three are alike in some manner and one is different. Select the odd one.

Ans

X 1. Venus

X 2. Saturn

√ 3. Moon

X 4. Jupiter

Question ID: 94891111685 Option 1 ID: 94891146739 Option 2 ID: 94891146738 Option 3 ID: 94891146737 Option 4 ID: 94891146740

Status: Answered

Chosen Option: 3

Q.52 In a code language, BEST is written as UTTSFECB. How will CHAIR be written as in that language?

X 1. CDHIABIJRS

√ 2. SRJIBAIHDC

X 3. SRJIABIJRS

4. CDHIBAIJRS

Question ID: 94891111677 Option 1 ID: 94891146706 Option 2 ID: 94891146708 Option 3 ID: 94891146707

Option 4 ID: 94891146705 Status: Answered

Chosen Option: 2

Q.53 If x = a(b-c), y = b(c-a) and z = c(a-b) then what will be the value of  $\left(\frac{x}{a}\right)^3 + \left(\frac{y}{b}\right)^3 + \left(\frac{z}{c}\right)^3$ ?

Ans X 1. 3xyzabc

X 2. 3

 $\times$  3.  $\frac{xyz}{abc}$ 

Question ID: 94891111253

Option 1 ID: 94891145011 Option 2 ID: 94891145012

Option 3 ID: 94891145010 Option 4 ID: 94891145009

Status: Answered

Q.54 What does LED stand for in semiconductor electronics?

Ans

- X 1. Light evocative diode
- X 2. Low emitting diode
- ✓ 3. Light emitting diode
- X 4. Laser emitting diode

Ouestion ID: 94891111137 Option 1 ID: 94891144546 Option 2 ID: 94891144548 Option 3 ID: 94891144545 Option 4 ID: 94891144547

Status: Answered Chosen Option: 3

Q.55 On the bank of which river was Harappa Civilisation situated?

- X 1. Satluj river
- X 2. Sindhu river
- X 3. Bhogwa river
- 4. Ravi river

Question ID: 94891111120

Option 1 ID: 94891144479

Option 2 ID: 94891144478

Option 3 ID: 94891144480

Option 4 ID: 94891144477 Status: Answered

Chosen Option: 2

Q.56 The given data is arranged in ascending order. The median of the data is 63. Find the value of x.

29, 32, 48, 50, x, x+2, 72, 78, 84, 95

- Ans 1. 62
  - X 2. 64
  - X 3. 60
  - X 4. 63

Question ID: 94891111273

Option 1 ID: 94891145089

Option 2 ID: 94891145092

Option 3 ID: 94891145091

Option 4 ID: 94891145090

Status: Answered

Q.57 In a certain code, FACE is written as 6135 and DEAF is written as 4516. How will HIGH be written as in that code?

Ans

X 1. 8987

**2**. 8978

X 3. 8879

X 4. 8798

Question ID: 94891111674

Option 1 ID: 94891146694

Option 2 ID: 94891146693 Option 3 ID: 94891146696

Option 4 ID: 94891146695

Status: Answered

Chosen Option: 2

Identify the odd word from the given options.

Ans

√ 1. Treatment

X 2. Tablet

X 3. Ointment

X 4. Injection

Question ID: 94891111694

Option 1 ID: 94891146775

Option 2 ID: 94891146776 Option 3 ID: 94891146773

Option 4 ID: 94891146774

Status: Answered Chosen Option: 1

Q.59 A wire in the form of a circle of radius 7 cm is bent to form of square. Find the length of the diagonal of the square.

 $\left(Take \pi = \frac{22}{7}\right)$ 

Ans X 1. 44 cm

 $\times$  2. 22 $\sqrt{2}$  cm

 $\checkmark$  3. 11√2 cm

X 4. 22 cm

Ouestion ID: 94891111272

Option 1 ID: 94891145085

Option 2 ID: 94891145088

Option 3 ID: 94891145087

Option 4 ID: 94891145086

Status: Answered

Select the letter that will come next in the following series.

G, J, F, I, E, H, ?

Ans 🗸 1. D

X 2. C

X 3. B

X 4. A

Question ID: 94891111684

Option 1 ID: 94891146736

Option 2 ID: 94891146735 Option 3 ID: 94891146734

Option 4 ID: 94891146733

Status: **Answered** Chosen Option: 1

Q.61 If the radius of a cylinder is doubled and the height is halved, what will be the ratio of the new volume to the previous volume?

Ans

√ 1. 2:1

X 2. 1:2

X 3. 3:2

X 4. 2:3

Question ID: 94891111265

Option 1 ID: 94891145058

Option 2 ID: 94891145057

Option 3 ID: 94891145060

Option 4 ID: 94891145059 Status: Answered

Chosen Option: 2

 ${\bf Q.62} \quad {\bf Which \ is \ the \ RBI's \ vision \ document \ titled \ `Payment \ And \ Settlement \ Systems \ In \ India'}.$ 

√ 1. Vision 2019 – 2021

X 2. Vision 2019 - 2022

X 3. Vision 2019 - 2023

X 4. Vision 2019 - 2024

Question ID: 94891111142

Option 1 ID: 94891144565

Option 2 ID: 94891144566

Option 3 ID: 94891144567 Option 4 ID: 94891144568

Status : Not Attempted and Marked For Review

Q.63 The Indian Navy and IIT \_\_\_\_\_ have signed a MoU for research in underwater domain of Naval Electronic Systems.

Ans

- √ 1. Delhi
  - X 2. Mumbai
  - X 3. Kanpur
  - X 4. Chennai

Question ID: 94891111105

Option 1 ID: 94891144417

Option 2 ID: 94891144418 Option 3 ID: 94891144419

Option 4 ID: 94891144420

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.64 If  $x^2 = y + z$ ,  $y^2 = z + x$ ,  $z^2 = x + y$ , then the value of  $\frac{1}{x+1} + \frac{1}{y+1} + \frac{1}{z+1}$  will be:

- Ans 🗸 1. 1
  - X 2. 2
    - **X** 3. **−1**
    - X 4. 4

Question ID: 94891111267

Option 1 ID: 94891145065

Option 2 ID: 94891145067

Option 3 ID: 94891145066

Option 4 ID: 94891145068 Status: Answered

Chosen Option: 1

Q.65 Which of the following is an output device in a computer?

- Ans X 1. Mouse
  - ✓ 2. Printer
  - X 3. Scanner
  - X 4. Web cam

Question ID: 94891111136

Option 1 ID: 94891144541

Option 2 ID: 94891144543

Option 3 ID: 94891144542

Option 4 ID: 94891144544

Status: Answered

Q.66 Solve the following.

$$5 + 5 \times 5 \div (5 \times 5) \times 5 = ?$$

Ans X 1. 120

**2**. 10

X 3. 130

X 4. 50

Question ID: 94891111247

Option 1 ID: 94891144988

Option 2 ID: 94891144986

Option 3 ID: 94891144985

Option 4 ID: 94891144987 Status: Answered

Chosen Option: 2

Q.67 If K = 8, L = 5, N = 4 and T = 28, then what will be the value of  $T \div N \times L + K$ ?

1. 43

X 2. 47

X 3. 104

X 4. 91

Question ID: 94891111683

Option 1 ID: 94891146729

Option 2 ID: 94891146730

Option 3 ID: 94891146732

Option 4 ID: 94891146731 Status: Answered

Chosen Option: 1

Q.68 In the late 18th century, which Indian cities rose in importance as the Presidency cities?

Ans

Calcutta (Kolkata), Bombay (Mumbai) and Madras (Chennai)

× 2. Calcutta (Kolkata), Delhi and Madras (Chennai)

X 3. Calcutta (Kolkata), Bombay (Mumbai) and Delhi

X 4 Delhi, Bombay (Mumbai) and Madras (Chennai)

Question ID: 94891111124

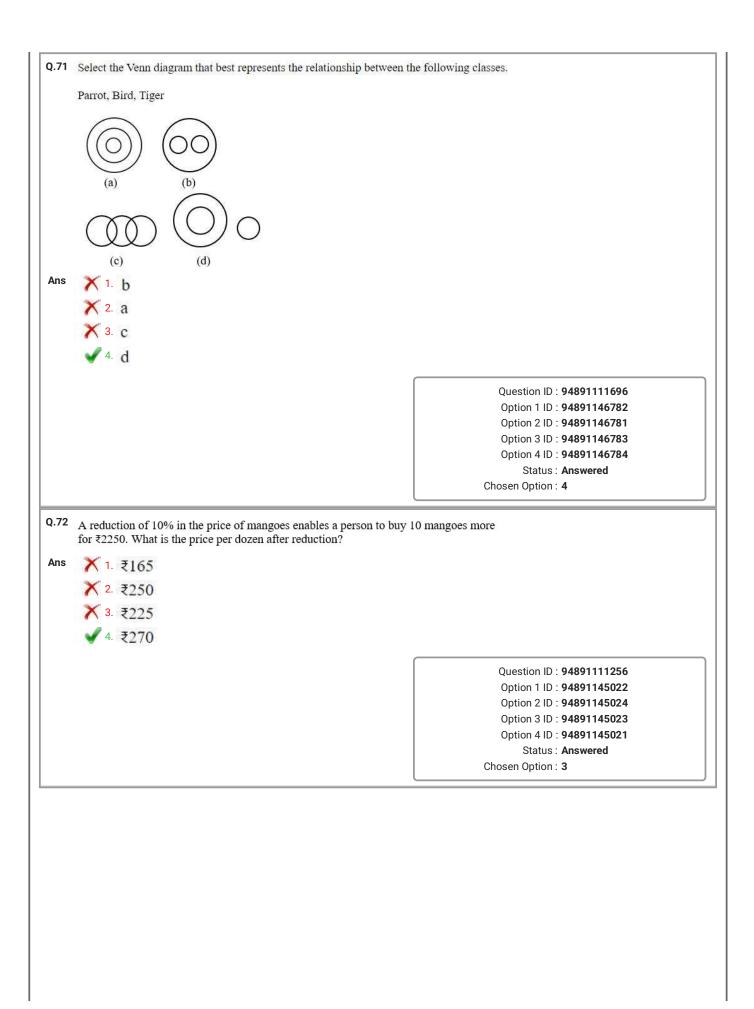
Option 1 ID: 94891144493

Option 2 ID: 94891144495

Option 3 ID: 94891144494

Option 4 ID: 94891144496 Status: Answered

Q.69 Which person was/is compared with Shakespeare and is/was referred to as the Shakespeare of India? Ans X 1. Kautilaya × 2. Panini √ 3. Kalidasa X 4. Vishnu Sharma Question ID: 94891111109 Option 1 ID: 94891144435 Option 2 ID: 94891144433 Option 3 ID: 94891144434 Option 4 ID: 94891144436 Status: Answered Chosen Option: 3 Q.70 Find the fraction form of 0.666....  $\times$  1.  $\frac{3}{2}$   $\times$  2.  $\frac{2}{7}$   $\checkmark$  3.  $\frac{2}{3}$   $\times$  4.  $\frac{1}{3}$ Question ID: 94891111251 Option 1 ID: 94891145002 Option 2 ID: 94891145003 Option 3 ID: 94891145001 Option 4 ID: 94891145004 Status: Answered Chosen Option: 3



Q.73 The first woman of Indian origin to travel into space was:

- Ans X 1. Sunita Williams
  - ✓ 2. Kalpana Chawla
  - X 3. Shawna Pandya
  - X 4. Yamuna Krishnan

Question ID: 94891111130 Option 1 ID: 94891144517 Option 2 ID: 94891144520 Option 3 ID: 94891144518 Option 4 ID: 94891144519

Status: Answered

Chosen Option: 2

Q.74 The prototype fast breeder reactor of India is situated at:

- √ 1. Kalpakkam
- × 2. Kaiga
- 🔀 3. Tarapur
- X 4. Kudankulam

Question ID: 94891111132

Option 1 ID: 94891144527

Option 2 ID: 94891144525

Option 3 ID: 94891144528

Option 4 ID: 94891144526 Status: Answered

Chosen Option: 4

Q.75 Select the number that will come next in the following series.

2, 3, 6, 18, 108, 1944, ?

- Ans 🗸 1. 209952
  - X 2. 204120
  - X 3. 209976
  - X 4. 2052

Question ID: 94891111686

Option 1 ID: 94891146743

Option 2 ID: 94891146742

Option 3 ID: 94891146744

Option 4 ID: 94891146741

Status: Answered

Q.76 When the Right to Property was removed from our 'fundamental rights' and was made a 'legal right'? Ans 1. 1978 X 2. 1979 X 3. 1968 X 4. 1976 Question ID: 94891111129 Option 1 ID: 94891144515 Option 2 ID: 94891144516 Option 3 ID: 94891144514 Option 4 ID: 94891144513 Status: Answered Chosen Option: 4 When did India adopt its Biological Diversity Act? **1**. 2002 X 2. 2008 X 3. 2001 X 4. 2005 Question ID: 94891111112 Option 1 ID: 94891144445 Option 2 ID: 94891144447 Option 3 ID: 94891144448 Option 4 ID: 94891144446 Status : Not Attempted and Marked For Review Chosen Option: --Q.78 Find the greatest number which divides 285 and 1249 leaving remainders 9 and 7 respectively. X 1. 140 **2**. 138 X 3. 130 X 4. 141 Question ID: 94891111245 Option 1 ID: 94891144979 Option 2 ID: 94891144978 Option 3 ID: 94891144977 Option 4 ID: 94891144980 Status: Answered Chosen Option: 2

| Q.79 | When did the first nationalisation of banks | take place in India?   |  |  |  |  |
|------|---|--|--|--|--|--|
| Ans  | X 1. 1978                                   |  |  |  |  |  |
|      | × 2. 1890                                   |  |  |  |  |  |
|      | ✓ 3. 1949                                   |  |  |  |  |  |
|      |   |  |  |  |  |  |
|      | × 4. 1967                                   |  |  |  |  |  |
|      |   | Question ID : 94891111141  |  |  |  |  |
|      |   | Option 1 ID : 94891144563  |  |  |  |  |
|      |   | Option 2 ID : 94891144564  |  |  |  |  |
|      |   | Option 3 ID : <b>94891144562</b><br>Option 4 ID : <b>94891144561</b> |  |  |  |  |
|      |   | Status: Answered   |  |  |  |  |
|      |   | Chosen Option : 3  |  |  |  |  |
| Q.80 | The President of India is elected by:       |  |  |  |  |  |
| Ans  | ★ 1. Members of the Parliament              |  |  |  |  |  |
|      | × 2. Direct election                        |  |  |  |  |  |
|      | ✓ 3. Electoral College                      |  |  |  |  |  |
|      | X 4. System of Universal adult Franchise    |  |  |  |  |  |
|      | System of oniversal addit Franchise         |  |  |  |  |  |
|      |   | Question ID : 94891111127  |  |  |  |  |
|      |   | Option 1 ID: 94891144508   |  |  |  |  |
|      |   | Option 2 ID : 94891144505  |  |  |  |  |
|      |   | Option 3 ID : <b>94891144507</b> Option 4 ID : <b>94891144506</b>    |  |  |  |  |
|      |   | Status : <b>Answered</b>   |  |  |  |  |
|      |   | Chosen Option : 1  |  |  |  |  |
| 2.81 | Hemavati is the tributary ofriver.          |  |  |  |  |  |
| Ans  | ✓ 1. Kaveri                                 |  |  |  |  |  |
|      | × 2. Krishna                                |  |  |  |  |  |
|      | X <sup>3.</sup> Godavari                    |  |  |  |  |  |
|      |   |  |  |  |  |  |
|      | × 4. Mahanadi                               |  |  |  |  |  |
|      |   | Question ID : 94891111125  |  |  |  |  |
|      |   | Option 1 ID : 94891144498  |  |  |  |  |
|      |   | Option 2 ID : 94891144497  |  |  |  |  |
|      |   | Option 3 ID : <b>94891144499</b><br>Option 4 ID : <b>94891144500</b> |  |  |  |  |
|      |   |  |  |  |  |  |
|      |   | Status : Not Attempted and Marked For Review                         |  |  |  |  |
|      |   | Chosen Option :  |  |  |  |  |

Q.82 Selling rubber bands at the rate of 32 a rupee, a man loses 40%. How many rubber bands for a rupee should he sell in order to gain 20%? Ans X 1. 15 × 2. 18 **X** 3. 20 **4** 4. 16 Question ID: 94891111260 Option 1 ID: 94891145040 Option 2 ID: 94891145039 Option 3 ID: 94891145038 Option 4 ID: 94891145037 Status: Answered Chosen Option: 4 In which year was the first five year plan presented in India? X 1. 1956 × 2. 1954 X 3. 1952 4. 1951 Question ID: 94891111140 Option 1 ID: 94891144559 Option 2 ID: 94891144560 Option 3 ID: 94891144557 Option 4 ID: 94891144558 Status: Answered Chosen Option: 4 Which mirror is used for shaving purpose? Ans X 1. Convex X 2. Opaque √ 3. Concave 🔀 4. Transparent Question ID: 94891111115 Option 1 ID: 94891144457 Option 2 ID: 94891144460 Option 3 ID: 94891144458 Option 4 ID: 94891144459 Status: Answered Chosen Option: 3

Q.85  $\frac{1}{3}$  of a commodity is sold at the rate of 15% profit,  $\frac{1}{4}$  is sold at the rate of 20% profit and the rest is sold at the rate of 24% profit. If a total profit of  $\frac{3}{62}$  is earned, then find the cost price of the commodity.

Ans

**√** 1. ₹310

**X** 2. ₹325

**X** 3. ₹300

X 4. ₹320

Question ID : 94891111259
Option 1 ID : 94891145033
Option 2 ID : 94891145036
Option 3 ID : 94891145034
Option 4 ID : 94891145035
Status : Answered

Chosen Option: 1

Q.86 The following table shows the number of candidates at different score intervals for an entrance examination in which 10000 candidates appeared.

| Subject  | No. of candidates at Different Score Intervals |       |        |         |         |  |
|----------|--|-------|--------|---------|---------|--|
|          | 0-40   | 41-80 | 81-120 | 121-160 | 161-200 |  |
| GK       | 2219   | 2025  | 3652   | 1248    | 856     |  |
| LR       | 1022   | 2237  | 2954   | 3569    | 218     |  |
| English  | 1120   | 1689  | 3562   | 2412    | 1217    |  |
| Computer | 645  | 2759  | 3841   | 2564    | 191     |  |

According to the given table, what percentage of candidates scored less than 20% marks in GK?

Ans

X 1. 42.93%

× 2. 19.22%

X 3. 23.12%

√ 4. 22.19%

Question ID : **94891111689** Option 1 ID : **94891146754** Option 2 ID : **94891146756** 

Option 3 ID : **94891146755** Option 4 ID : **94891146753** Status : **Answered** 

Q.87 The following table shows the number of candidates at different score intervals for an entrance examination in which 10000 candidates appeared.

| Subject  | No. of candidates at Different Score Intervals |       |        |         |         |  |
|----------|--|-------|--------|---------|---------|--|
|          | 0-40   | 41-80 | 81-120 | 121-160 | 161-200 |  |
| GK       | 2219   | 2025  | 3652   | 1248    | 856     |  |
| LR       | 1022   | 2237  | 2954   | 3569    | 218     |  |
| English  | 1120   | 1689  | 3562   | 2412    | 1217    |  |
| Computer | 645  | 2759  | 3841   | 2564    | 191     |  |

A candidate should score more than the cut-off marks for English to be evaluated for LR. If the cut-off marks for English is 40%, then how many answer sheets will be evaluated for LR?

Ans

X 1. 8880

**√** 2. 7191

X 3. 10000

X 4. 8522

Question ID : 94891111690 Option 1 ID : 94891146757 Option 2 ID : 94891146758 Option 3 ID : 94891146760

Option 4 ID : **94891146759** Status : **Answered** 

Chosen Option: 2

Q.88 The following table shows the number of candidates at different score intervals for an entrance examination in which 10000 candidates appeared.

| Subject  | No. of candidates at Different Score Intervals |       |        |         |         |  |
|----------|--|-------|--------|---------|---------|--|
|          | 0-40   | 41-80 | 81-120 | 121-160 | 161-200 |  |
| GK       | 2219   | 2025  | 3652   | 1248    | 856     |  |
| LR       | 1022   | 2237  | 2954   | 3569    | 218     |  |
| English  | 1120   | 1689  | 3562   | 2412    | 1217    |  |
| Computer | 645  | 2759  | 3841   | 2564    | 191     |  |

What is the count of candidate scores above 80% across all the given subjects?

Ans

X 1. 12275

× 2. 14009

**√** 3. 2482

X 4. 26284

Question ID: 94891111691

Option 1 ID : **94891146763** Option 2 ID : **94891146762** 

Option 3 ID: 94891146764 Option 4 ID: 94891146761

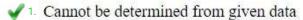
Status: Answered

Q.89 The following table shows the number of candidates at different score intervals for an entrance examination in which 10000 candidates appeared.

| Subject  | No. of candidates at Different Score Intervals |       |        |         |         |  |
|----------|--|-------|--------|---------|---------|--|
|          | 0-40   | 41-80 | 81-120 | 121-160 | 161-200 |  |
| GK       | 2219   | 2025  | 3652   | 1248    | 856     |  |
| LR       | 1022   | 2237  | 2954   | 3569    | 218     |  |
| English  | 1120   | 1689  | 3562   | 2412    | 1217    |  |
| Computer | 645  | 2759  | 3841   | 2564    | 191     |  |

If for each subject, the cut-off marks is 40%, then how many candidates have scored more than the cut-off marks in all the subjects?

Ans



X 2. 13716

X 3. 26284

X 4. 8710

Question ID: 94891111692 Option 1 ID: 94891146768 Option 2 ID: 94891146767 Option 3 ID: 94891146765 Option 4 ID: 94891146766

Status: Answered

Chosen Option: 1

Q.90 Read the given information carefully and answer the question that follows.

Mohit and Sunayana are good in Mathematics and English. Veena and Mohit are good in Mathematics and Science. Yash and Sunayana are good in History and English. Veena, Yash and Prithvi are good in Drawing and Science.

Who is good in Mathematics, History and English?

Ans

X 1. Yash

X 2. Veena

🗸 3. Sunayana

X 4. Mohit

Question ID: 94891111699 Option 1 ID: 94891146795 Option 2 ID: 94891146796 Option 3 ID: 94891146794 Option 4 ID: 94891146793

Status: Answered

A, C, F, K, ? Ans X 1. P X 2. Q **√** 3. **T** X 4. N Question ID: 94891111688 Option 1 ID: 94891146750 Option 2 ID: 94891146751 Option 3 ID: 94891146752 Option 4 ID: 94891146749 Status: Answered Chosen Option: 3 Q.92 In a certain code, NEPAL is written as MVKZO and CHINA is written as XSRMZ. How will INDIA be written as in that code? Ans √ 1. RMWRZ X 2. RZRNW X 3. RWNRZ X 4. RNWRZ Question ID: 94891111675 Option 1 ID: 94891146698 Option 2 ID: 94891146700 Option 3 ID: 94891146699 Option 4 ID: 94891146697 Status: Answered Chosen Option: 1 Q.93 Identify the odd word from the given options. 🗸 1. Thimpu 🔀 2. Agartala X 3. Kohima X 4. Aizawl Question ID: 94891111693 Option 1 ID: 94891146772 Option 2 ID: 94891146770 Option 3 ID: 94891146771 Option 4 ID: 94891146769 Status: Answered

Chosen Option: 1

Select the letter that will come next in the following series.

Q.94 There are two couples, Meera-Namit and Kavita-Punit. The sum of the salaries of Meera and Namit is more than the sum of the salaries of Kavita and Punit. The sum of the salaries of Meera and Kavita is the same as the sum of the salaries of Namit and Punit. Moreover, Meera earns half as much as the sum of the salaries of Namit and Punit. Whose salary is highest?

Ans

× 1. Punit

X 2. Meera

√ 3. Namit

X 4. Kavita

Question ID: 94891111702 Option 1 ID: 94891146808 Option 2 ID: 94891146805 Option 3 ID: 94891146806 Option 4 ID: 94891146807

Status : **Answered** Chosen Option : **3** 

Q.95 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true,

## Statements:

- The monthly income of a family is ₹4,00,000.
- 2. Out of this, ₹2,40,000 is earned by the family members who work in the IT sector.

decide which of the given conclusions logically follow(s) from the statements.

#### Conclusions:

- I. 60% of the family members work in the IT sector.
- II. The male members of the family earn more than the female members of the family.

Ans

- X 1. Only conclusion I follows.
- × 2. Only conclusion II follows.
- ✓ 3. Neither conclusion I nor II follows.
- A Both conclusions I and II follow.

Question ID: 94891111698

Option 1 ID: 94891146789

Option 2 ID: **94891146790** 

Option 3 ID: 94891146792

Option 4 ID: 94891146791

Status: Answered

Q.96 'Kabaddi' is related to 'Bangladesh' in the same way 'Volleyball' is related to '\_\_\_\_\_\_. Ans √ 1. Nepal X 2. Cuba 💢 3. Japan X 4. Colombia Question ID: 94891111678 Option 1 ID: 94891146710 Option 2 ID: 94891146712 Option 3 ID: 94891146709 Option 4 ID: 94891146711 Status : Not Attempted and Marked For Review Chosen Option: --Q.97 Five persons A, B, C, D and E are sitting in a row facing towards north (not necessarily in the same order). Each of them are preparing for different competitive exam C1, C2, C3, C4 and C5 (not necessarily in the same order). No two persons are preparing for same exam. Only two persons sit between A and the one who is preparing for C3. D sits to the  $immediate\ right\ of\ B\ and\ B\ is\ preparing\ for\ C5.\ Only\ one\ person\ sits\ between\ D\ and\ E.\ One\ among\ D\ and\ E\ sits\ at\ one$ of the extreme end. A is not the neighbour of B. One person sits between the persons who are preparing for C3 and C1. The one preparing for C1 sits to the immediate left of the one who is preparing for C5. C is not preparing for C4. Who is preparing for C2? Ans **√** 1. C X 2. E X 3. D X 4. A Question ID: 94891111701 Option 1 ID: 94891146802 Option 2 ID: 94891146804 Option 3 ID: 94891146803 Option 4 ID: 94891146801 Status: Answered Chosen Option: 1

Q.98 Read the given information carefully and answer the question that follows.

The following are the eligibility criteria for the selection of an Assistant Teacher (Social Science) for secondary classes.

- The candidate should have a graduation degree including any two of the following subjects: Geography, History, Economics, Political Science and Public Administration.
- ii. The candidate must possess a B.Ed. degree passed with first class.
- The candidate should have 8 years of teaching experience at an elementary level or 3 years of experience at a secondary level.
- iv. The candidate should have good command over Hindi and English.

Information about a candidate is given. You have to decide, based on the information provided, under which criterion/criteria is the individual eligible for selection. Please note that an individual can be eligible under more than one criterion. You are NOT to assume anything other than the information provided the question.

Dr. Mohanty had Geography, English and Psychology in his graduation. He is a postgraduate in Geography and also has a Ph.D. degree. He has 8 years of teaching experience at a secondary level and can teach in Hindi and English very well.

Ans

X 1. Eligible only under i and ii

× 2. Eligible only under ii and iv

✓ 3. Eligible only under iii and iv

X 4. Eligible only under i and iv

Question ID: 94891111682

Option 1 ID : **94891146725** Option 2 ID : **94891146728** 

Option 3 ID : **94891146726** Option 4 ID : **94891146727** 

Status: Answered

Q.99 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:

Some guavas are mangos.

All mangos are pears.

Some pears are grapes.

Conclusions:

- I. Some guavas are grapes.
- II. Some guavas are pears.
- III. Some mangos are grapes.

Ans

- X 1. Only conclusions I and III follow.
- X 2. All the conclusions follow.
- ✓ 3. Only conclusion II follows.
- 4. Only conclusions II and III follow.

Question ID : 94891111680 Option 1 ID : 94891146718 Option 2 ID : 94891146720 Option 3 ID : 94891146717

Option 4 ID : **94891146719**Status : **Answered** 

Chosen Option: 3

Q.100 A and B are sisters. C and D are a married couple. D is the father of B and brother of E. E is the paternal uncle of A. How is E related to C?

Ans

X 1. Brother

X 2. Brother's Wife

✓ 3. Husband's Brother

X 4. Sister

Question ID: 94891111679

Option 1 ID : 94891146715 Option 2 ID : 94891146714 Option 3 ID : 94891146716 Option 4 ID : 94891146713

Status : Answered