

RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

RRB NTPC 28th March 2016 Shift 1

Test Date:	28/03/2016
Test Time:	09:00 AM - 10:30 AM
Subject:	RRB NTPC Graduate

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

Q.1 Find the odd one out:

Ostrich, Crow, Pigeon, Sparrow.

- A. Ostrich
- B. Pigeon
- C. Crow
- D. Sparrow

Ans

- X 1. B

 - X 3. C

Q.2

$$\sqrt{(1-\sin^2\theta) \div (1-\cos^2\theta)}$$

Simplify

- A. Cot θ
- B. Tan θ
- C. Sec θ
- D. Cosec θ

Ans

- X 4. D

Q.3

Question ID: 205523595

Question ID: 205523616

Question ID: 205523584

Chosen Option: 1

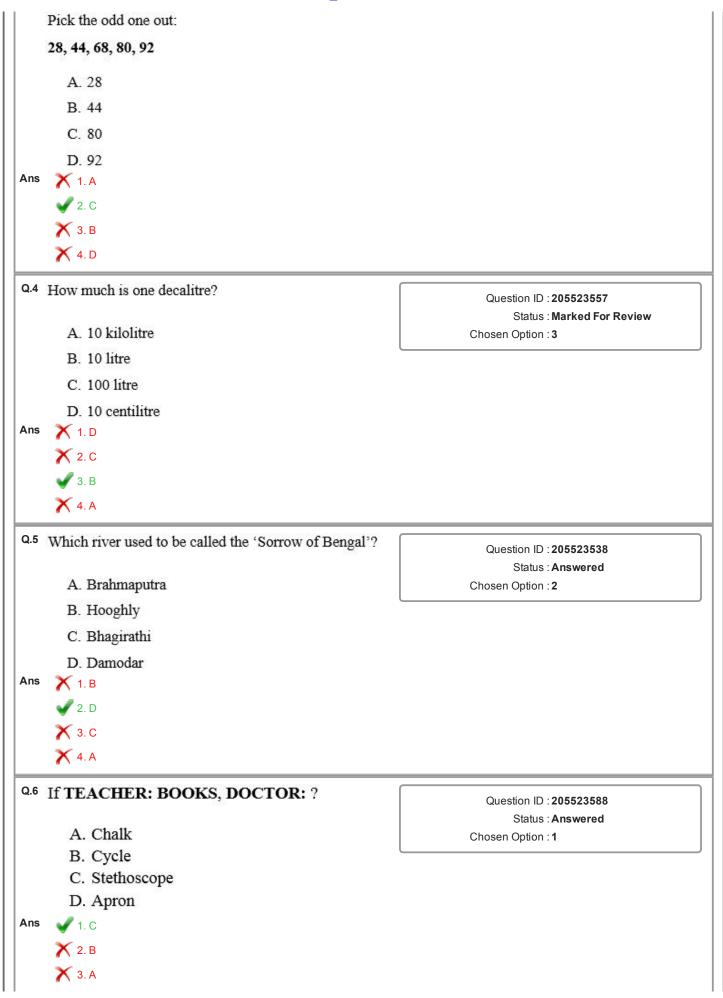
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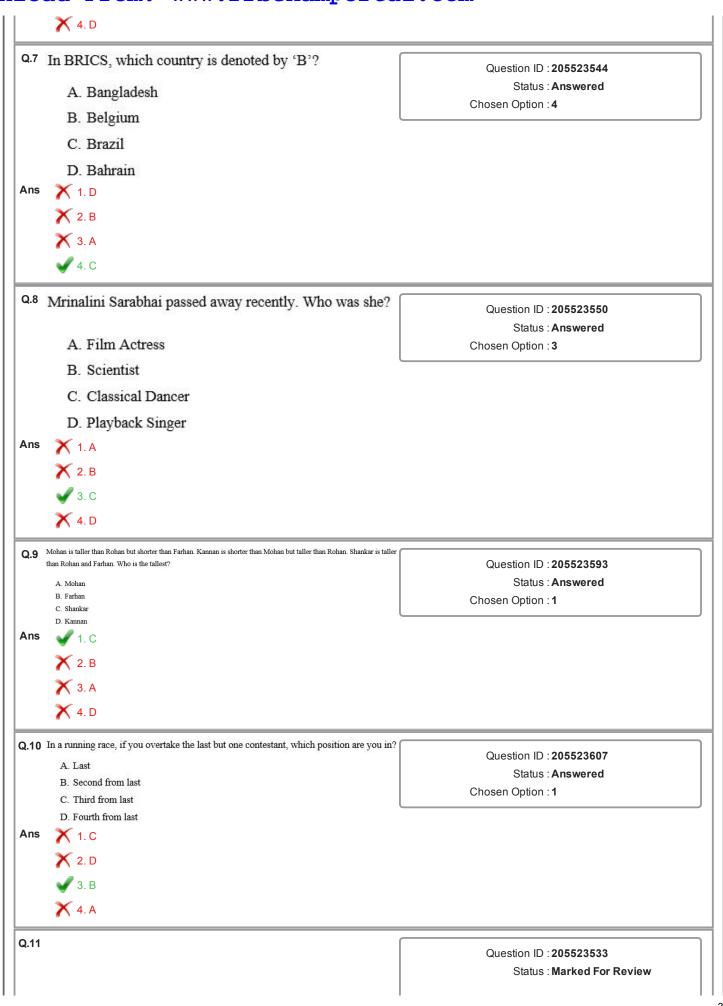
Chosen Option: 4

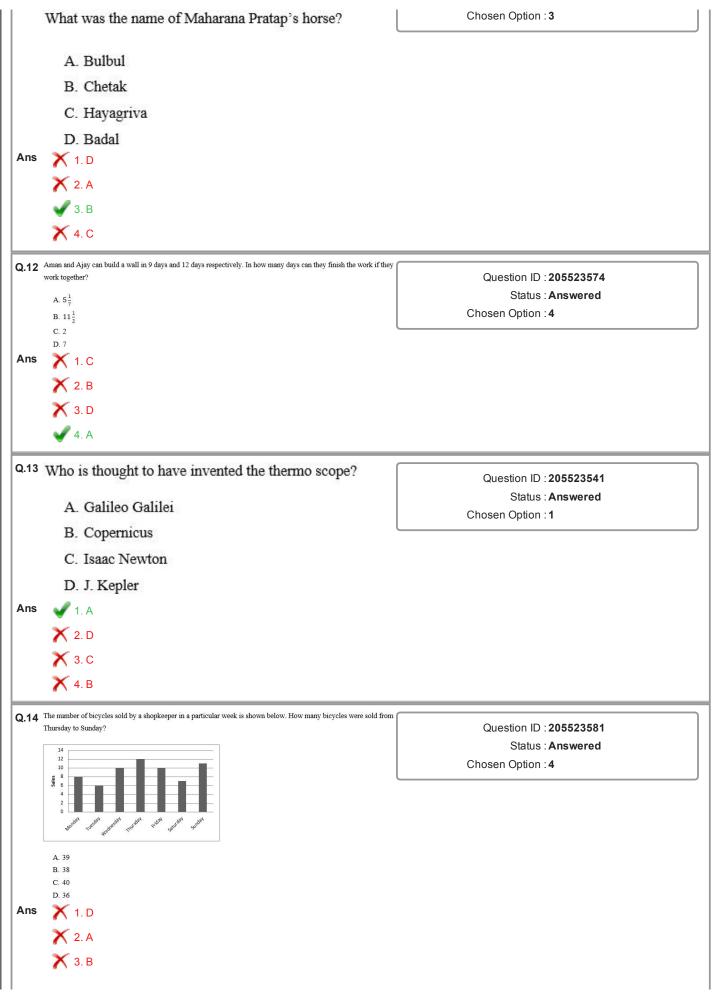
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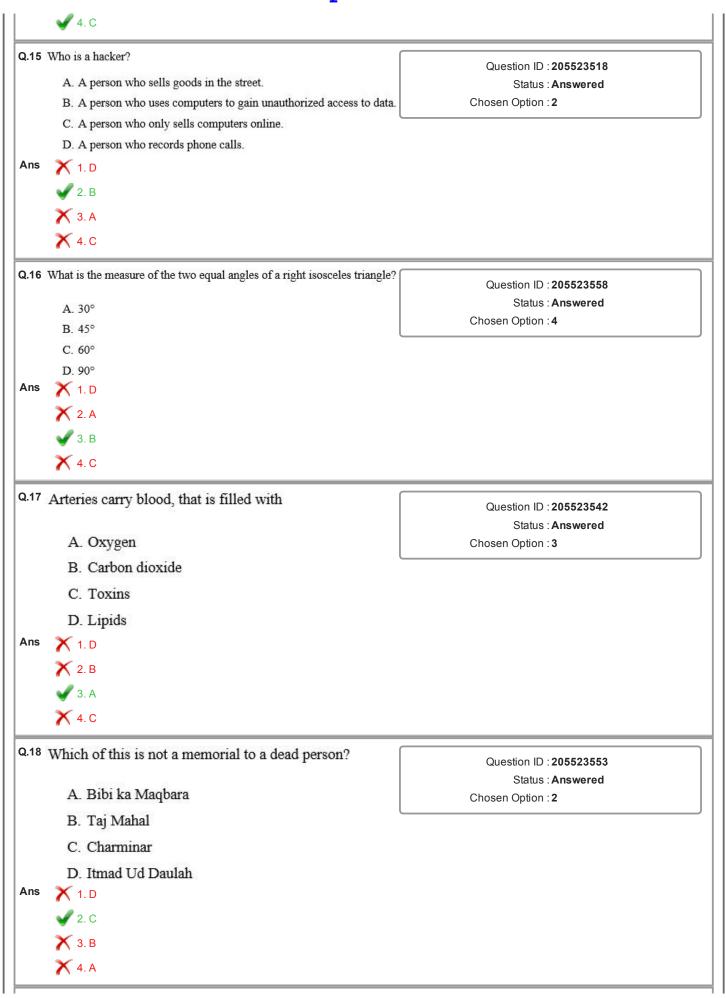
Chosen Option: 2

Status: Answered









RRB

Q.19 Find two consecutive numbers where thrice the first number is more than twice the second number by 5.

A. 5 and 6

B. 6 and 7

C. 7 and 8

D. 9 and 10

Ans

X 1. A

X 3. D

X 4. B

Comprehension:

Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

1	3
2	1.00
2	4
3	1
2	4
	3 2

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

SubQuestion No: 20

Q.2 Which of Cera's question is correct?

A. Q1

B. Q2

C. Q3

D. Q4

Ans X 1. A

X 2. C

🅖 3. B

X 4. D

Question ID: 205523613 Status: Answered

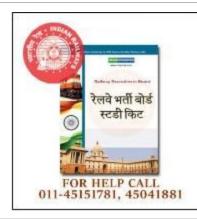
Question ID: 205523580

Chosen Option: 3

Status: Answered

Chosen Option: 1

Comprehension:



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Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

	Amar	Babu	Cera	Diya
Q1	2	1	1	3
Q2	4	3	2	4
Q3	3	4	3	1
Q4	3	2	2	4

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

SubQuestion No: 21

Q.2 Which two answers of Diya is correct?

- A. Q1 and Q2
- B. Q1 and Q3
- C. Q2 and Q3
- D. Q3 and Q4

Ans







X 4. C

Comprehension:

Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

	Amar	Babu	Cera	Diya
Q1	2	1	1	3
Q2	4	3	2	4
Q3	3	4	3	1
Q4	3	2	2	4

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

SubQuestion No: 22

Q.2 Whose answer to Q4 is correct?

- A. Amar
- B. Babu
- C. Diya
- D. None

Ans 💢 1. D

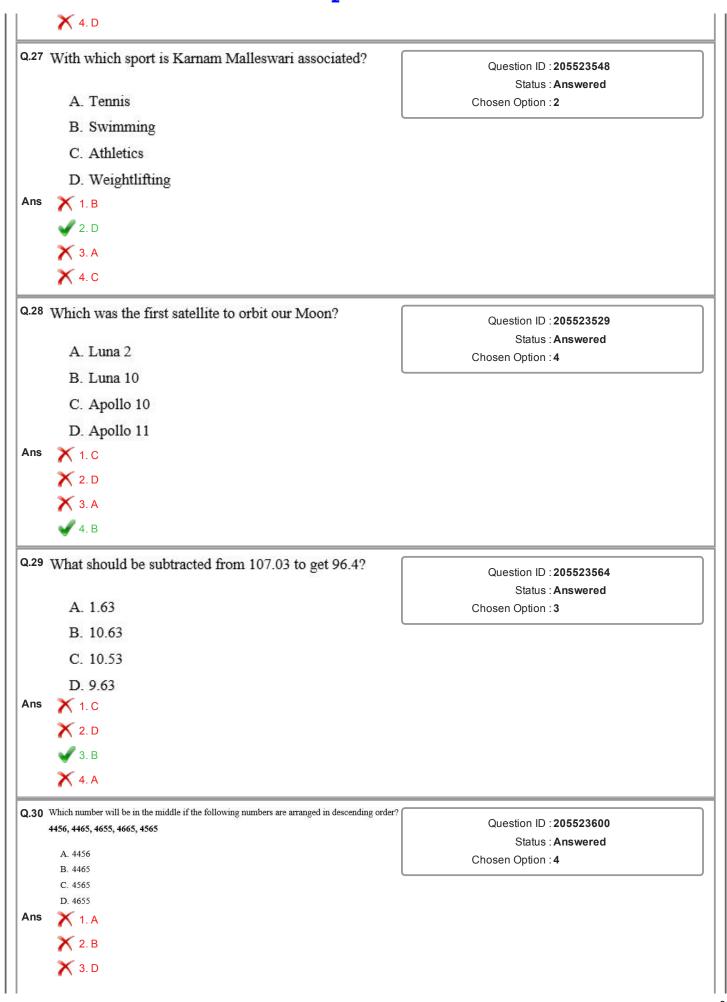
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Status : Answered

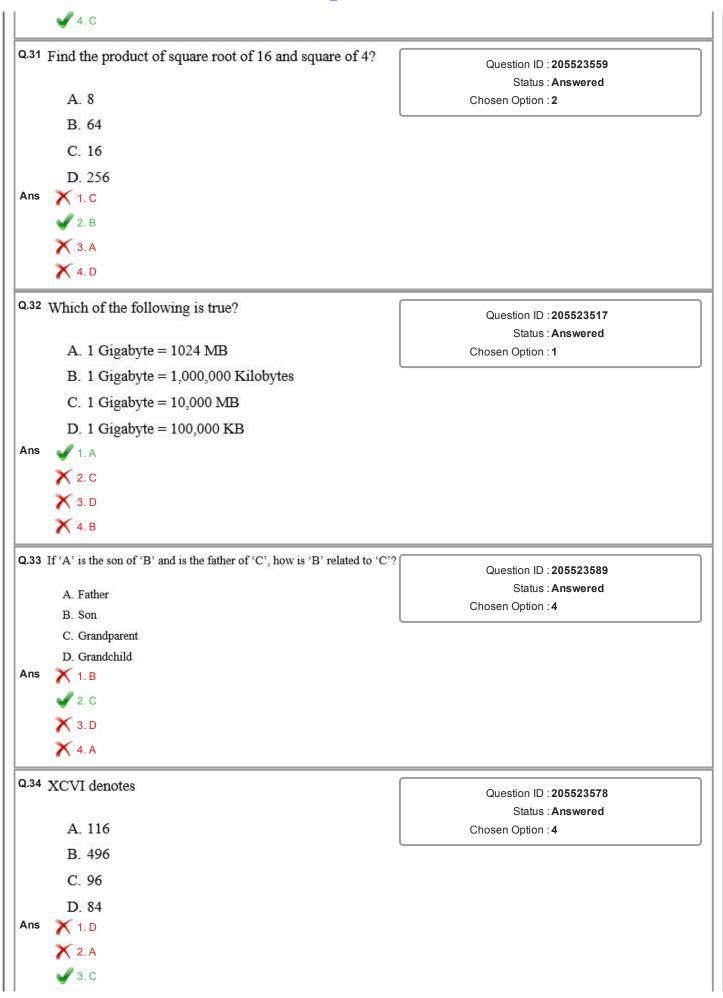
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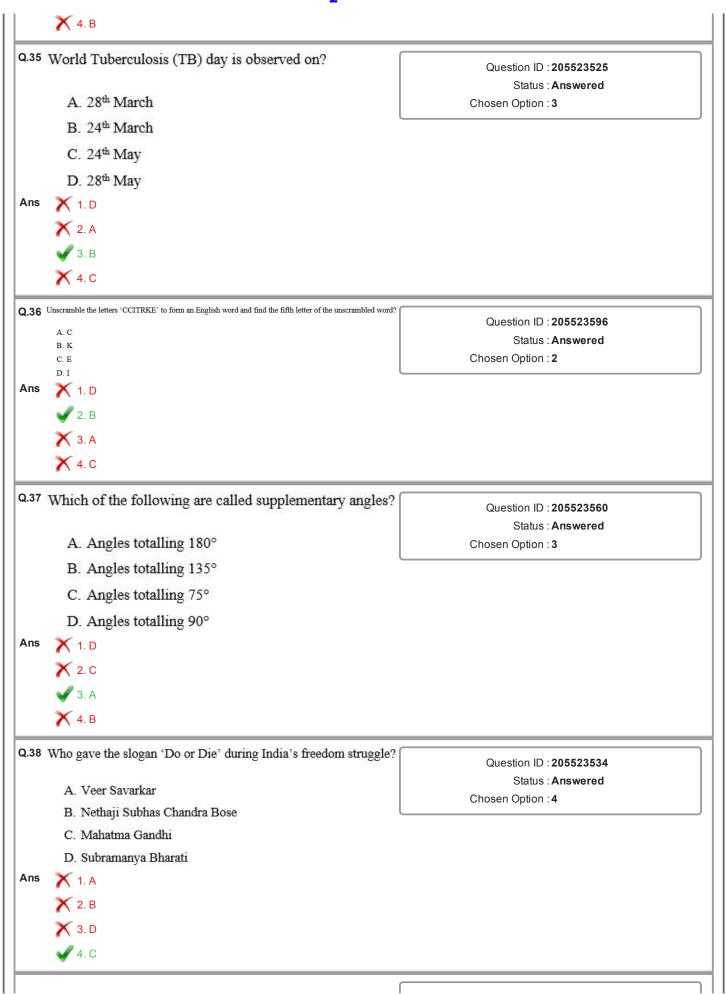
Chosen Option: 3

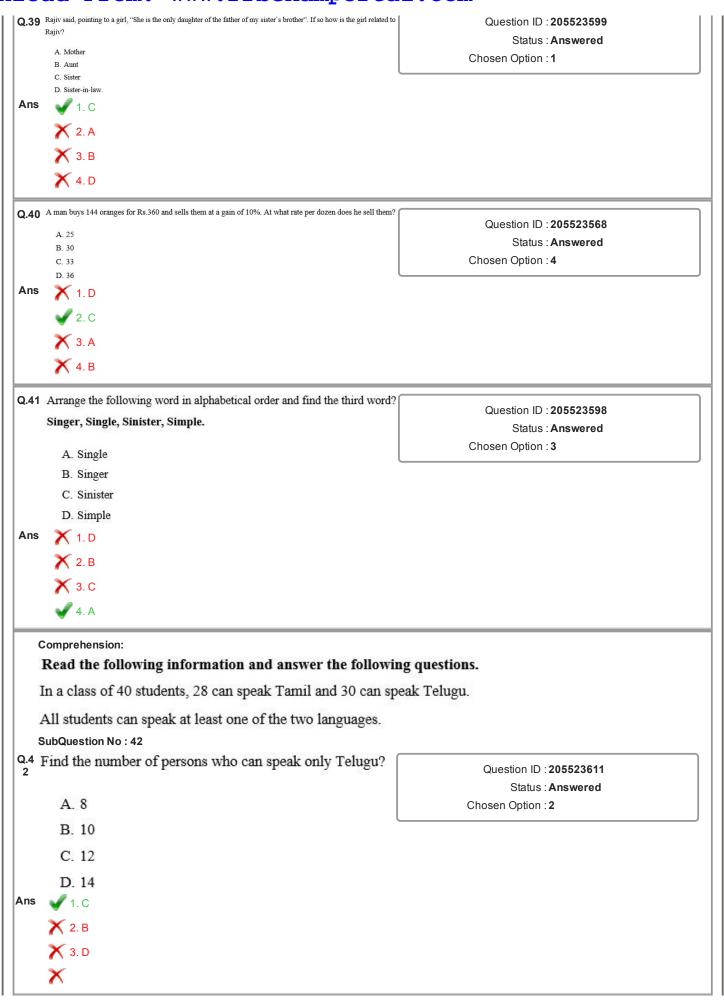
Chosen Option: 4

Download From: www.rrbexamportal.com **X** 3. B **X** 4. C Q.23 In which State is Karla, famous for its Buddhist caves, located? Question ID: 205523549 Status: Answered A. Maharashtra Chosen Option: 3 B. Uttar Pradesh C. Uttarakhand D. Madhya Pradesh Ans X 1. C **√** 2. A X 3. D X 4. B Q.24 In the following number series, one missing term is shown by '?'. Choose the missing term from the options below. Question ID: 205523591 Status: Answered A. 40 Chosen Option: 2 C. 44 Ans X 1. D X 2. A **√** 3. B X 4. C Q.25 When was the Indian Constitution amended for the first time? Question ID: 205523519 Status: Answered A. 1949 Chosen Option: 4 B. 1951 C. 1952 D. 1953 Ans X 1. D X 3. C **X** 4. A Q.26 Circle: Circumference as Square: Question ID: 205523618 Status: Answered A. Sides Chosen Option: 2 B. Area C. Perimeter D. Diagonal Ans X 1. A X 2. B **√** 3. C

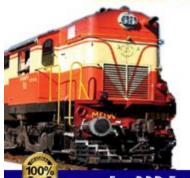








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Comprehension: Read the following information and answer the following questions. In a class of 40 students, 28 can speak Tamil and 30 can speak Telugu. All students can speak at least one of the two languages. SubQuestion No: 43 Q.4 Find the number of students who can speak only Tamil. Question ID: 205523610 Status: Answered A. 8 Chosen Option: 1 B. 10 C. 12 D. 14 Ans 💢 1. A 🗙 2. D X 3. C 🎻 4. B Comprehension: Read the following information and answer the following questions. In a class of 40 students, 28 can speak Tamil and 30 can speak Telugu. All students can speak at least one of the two languages. SubQuestion No: 44 Q.4 Find the minimum number of students who can speak both Tamil and Telugu. Question ID: 205523609 Status: Answered A. 12 Chosen Option: 2 B. 15 C. 18 D. 22 Ans X 1. A 🗙 2. D **√** 3. C X 4. B Q.45 The function of the lens in our eyes is to Question ID: 205523527 Status: Answered A. Cover the eyes Chosen Option: 2 B. Send messages of images to the brain C. Change the focal distance of the eye D. Protects eyes from injury. Ans X 1. A 2. C X 3. D X 4. B

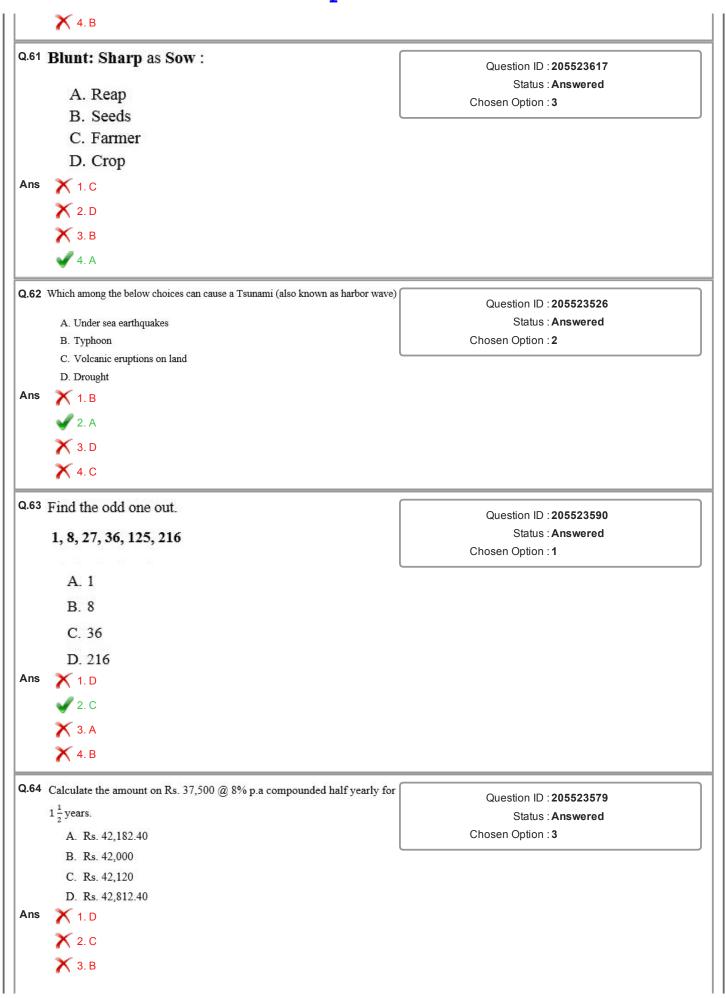
Question ID: 205523530 How many moons does the planet Mars have? Status: Answered Chosen Option: 3 A. 1 B. 2 C. 3 D. 4 Ans X 1. A X 2. D **√** 3. B X 4. C Q.47 In India who is the executive head of the state? Question ID: 205523539 Status: Answered A. Prime Minister Chosen Option: 3 B. The President C. The Chief justice of Supreme Court D. The Governor Ans **1.** A X 2. C X 3. B X 4. D Q.48 The product of 2 numbers is 35828 and their HCF is 26. Find their LCM. Question ID: 205523583 A. 931788 Status: Answered B. 689 Chosen Option: 3 C. 1378 D. 3583 Ans X 1. D **√** 2. C X 3. B **X** 4. A Q.49 Which is the capital of Cyprus? Question ID: 205523545 Status: Answered A. Nicosia Chosen Option: 4 B. Polis C. Lamaca D. Araddipou X 1. B Ans Q.50 Question ID: 205523605

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	If your father were your mother, your mother your brother, your brother your sister and your sister your father, how would you call your sister? A. Father B. Mother C. Brother D. Sister 1. D 2. A 3. C	Status : Answered Chosen Option : 2
Q.51	A. 88 B. 90 C. 96 D. 98 1. C	Question ID : 205523582 Status : Answered Chosen Option : 2
	★ 3. A★ 4. B	
Q.52	Who invented Penicillin? A. Ian Fleming B. Alexander Fleming C. Stephen Hawking D. Alexander Graham Bell 1.B 2.C 3.A 4.D	Question ID : 205523537 Status : Answered Chosen Option : 1
Q.53	Aruna Asaf Ali is remembered for hoisting the Indian National Congress Flag at A. Non-cooperation Movement. B. Civil Disobedience Movement C. Self-rule Movement D. Quit India Movement 1. C 2. B 3. A 4. D	Question ID : 205523521 Status : Answered Chosen Option : 2
Q.54	In 2014, the Lok Sabha was elected. A. 16 th B. 19 th C. 14 th D. 23 rd	Question ID : 205523552 Status : Answered Chosen Option : 3

Download From: www.rrbexamportal.com Ans X 1. C X 2. B **X** 4. D Q.55 Which boxer is nicknamed 'The Real Deal'? Question ID: 205523547 Status: Answered A. Mike Tyson Chosen Option: 1 B. Mohammed Ali C. Evander Holyfield D. Joe Louis **1.** C Ans X 2. B X 3. D X 4. A Q.56 If Christmas was on Sunday in 2011, what day will it be in 2012? Question ID: 205523594 Status: Answered A. Monday Chosen Option: 4 B. Tuesday C. Wednesday D. Thursday Ans X 1. A X 2. D X 3. C 4. B Comprehension: Read the following information and answer the following questions. Five girls are sitting in front, facing you. Ruhi and Manali respectively are sitting to the right and left of Urja. Dhwani is sitting between Manali and Tanya. SubQuestion No: 57 Q.5 How many girls are there between Dhwani and Ruhi? Question ID: 205523604 Status: Answered A. 1 Chosen Option: 2 B. 2 C. 3 D. 4 Ans 💢 1. D 2. B **X** 3. C **X** 4. A

Download From: www.rrbexamportal.com Comprehension: Read the following information and answer the following questions. Five girls are sitting in front, facing you. Ruhi and Manali respectively are sitting to the right and left of Urja. Dhwani is sitting between Manali and Tanya. SubQuestion No: 58 Q.5 Who is sitting in the middle? Question ID: 205523602 Status: Answered A. Dhwani Chosen Option: 2 B. Urja C. Manali D. Tanya Ans 💢 1. B 🕜 2. C **X** 3. D X 4. A Comprehension: Read the following information and answer the following questions. Five girls are sitting in front, facing you. Ruhi and Manali respectively are sitting to the right and left of Urja. Dhwani is sitting between Manali and Tanya. SubQuestion No: 59 Q.5 Who is sitting to the right of Tanya? Question ID: 205523603 Status: Answered A. Ruhi Chosen Option: 4 B. Manali C. Dhwani D. Urja Ans 💢 1. B 🗙 2. A X 3. D √ 4. C Q.60 The Rowlatt Act was passed in which year? Question ID: 205523522 Status: Marked For Review A. 1919 Chosen Option: 4 B. 1921 C. 1923 D. 1916 Ans X 1. D X 3. C



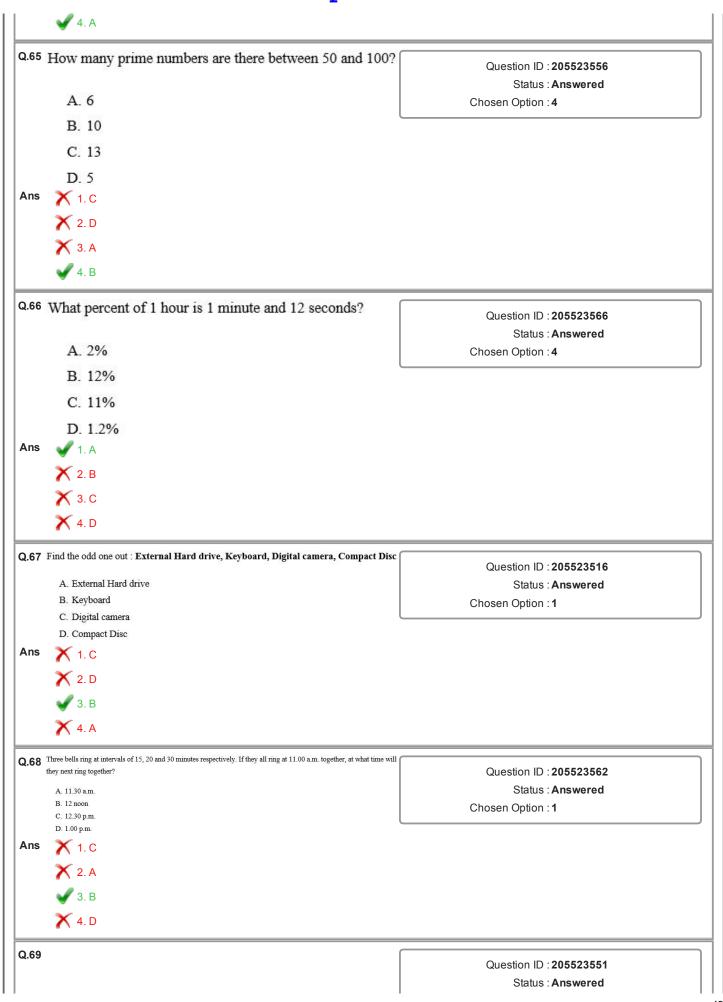


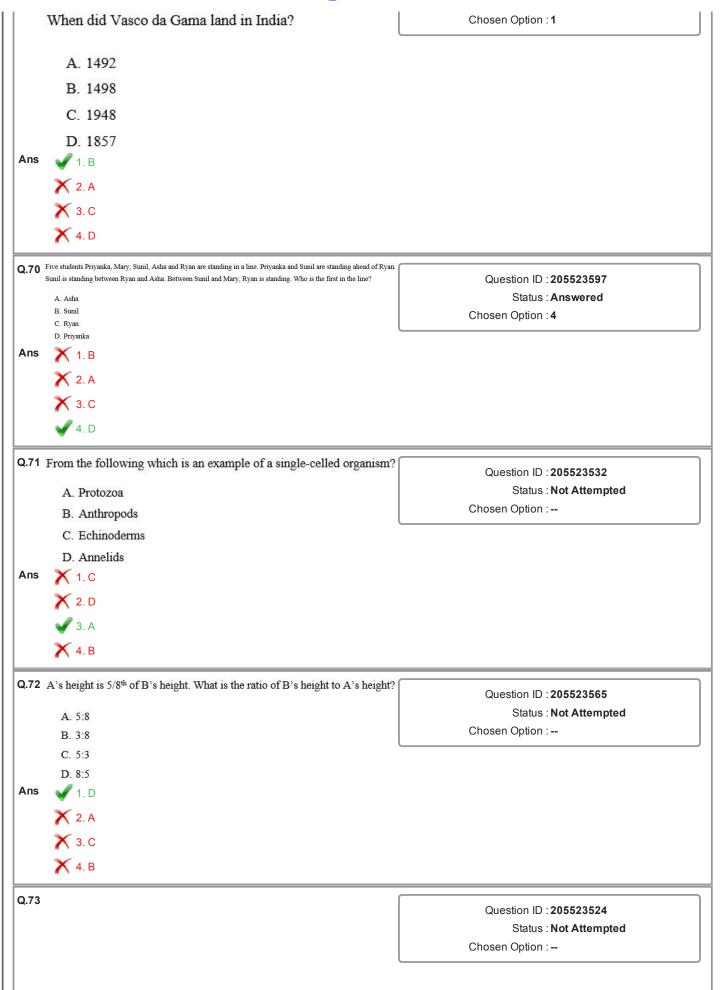
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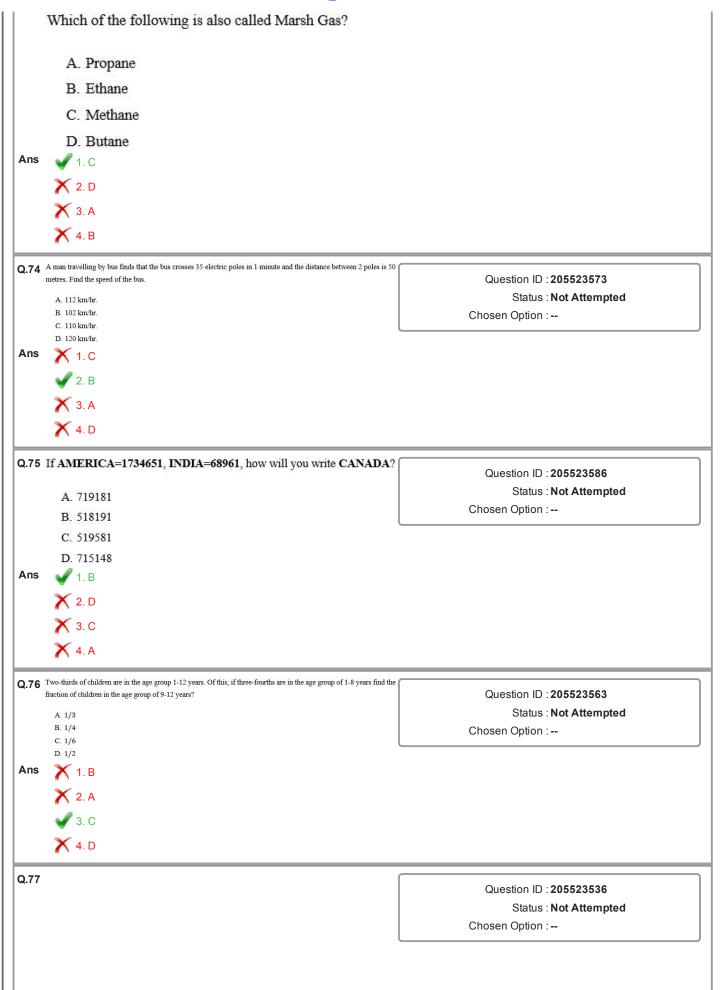


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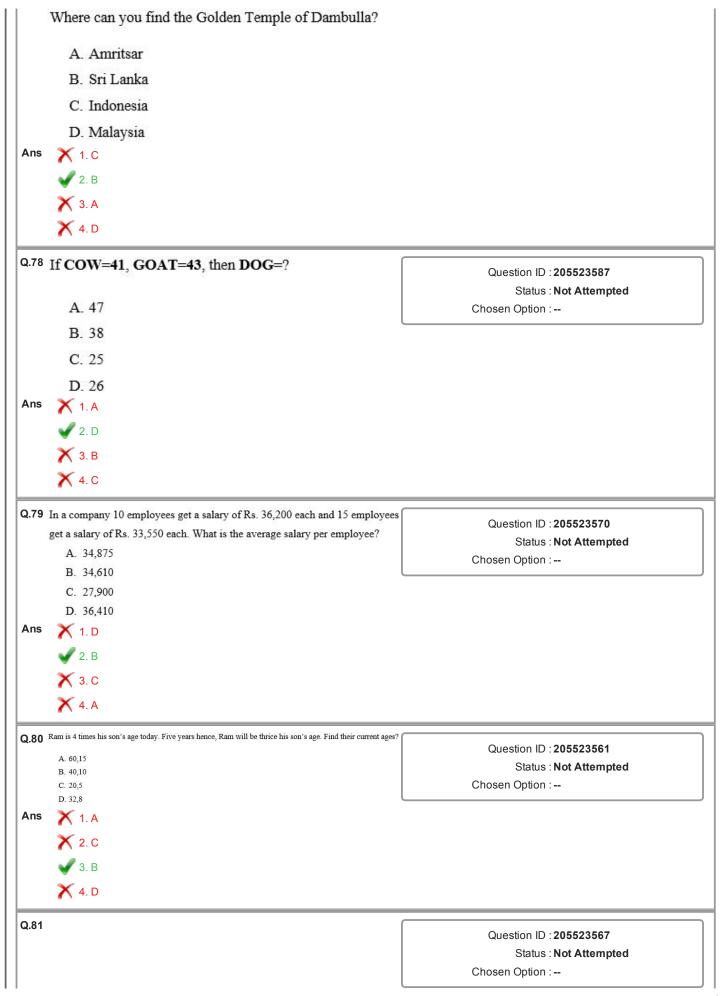




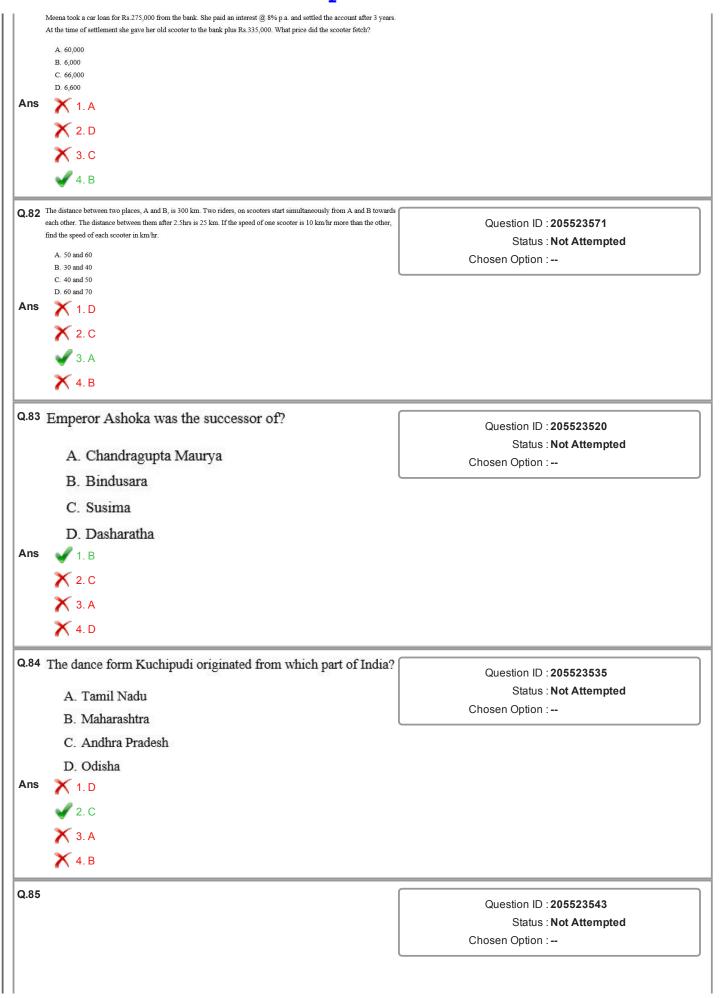
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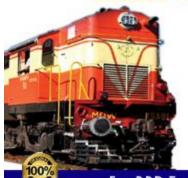
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Download From: www.rrbexamportal.com Who is believed to have built the Konark Temple? A. Raja Kulothunga B. Narasimha Deva I C. Vishnugopa D. Mahipala Ans X 1. C X 2. D X 3. A 4. B Q.86 A seven-sided polygon is called Question ID: 205523577 Status: Not Attempted A. Nonagon Chosen Option: --B. Hexagon C. Heptagon D. Octagon Ans X 1. D X 2. B Q.87 Julia started walking towards North direction from her house. After a while she turned left and later on turned right. She further turned right. Which direction is she facing now? Question ID: 205523592 Status: Not Attempted B West Chosen Option: --C. North D. South Ans X 1. B X 2. D **√** 3. A X 4. C Q.88 Read statements 1 and 2. Also read the conclusions 3 and 4 drawn from Question ID: 205523606 the statements. Status: Not Attempted Statement: Chosen Option: --1. Some birds are Donkeys. 2. All donkeys are stupid. Conclusions: 3. All birds are stupid. 4. Some birds are stupid. Choose which of the conclusions are right. A. Only 3 is correct B. Only 4 is correct C. Both 3 and 4 are correct

D. Neither 3 nor 4 is correct

X 4. C

Q.89 What is the desert adjoining the Thar desert called in Pakistan?

A. Gobi

B. Cholistan

C. Sukkur

D. Mirpur

Ans X 1. D

X 2. C

√ 3. B

X 4. A

Q.90 If Cot A= $\frac{12}{5}$ then (Sin A+Cos A)× Cosec A is?

A. 12/5

B. 17/5

C. 11/5

D. 2



X 3. A

X 4. C

Q.91 Science of the study of preserved remains or traces of animals, plants, and other organisms from the remote past is called

A. Anthropology

C. Paleontology

Ans



X 2. A

X 3. B

X 4. D

Q.92 If $(a^2 - b^2) \div (a + b) = 25$, find a-b.

A. 15

B. 18

C. 25

D. 30



X 2. D

Question ID: 205523554

Status: Not Attempted

Chosen Option: --

Question ID: 205523585

Status: Not Attempted

Chosen Option: --

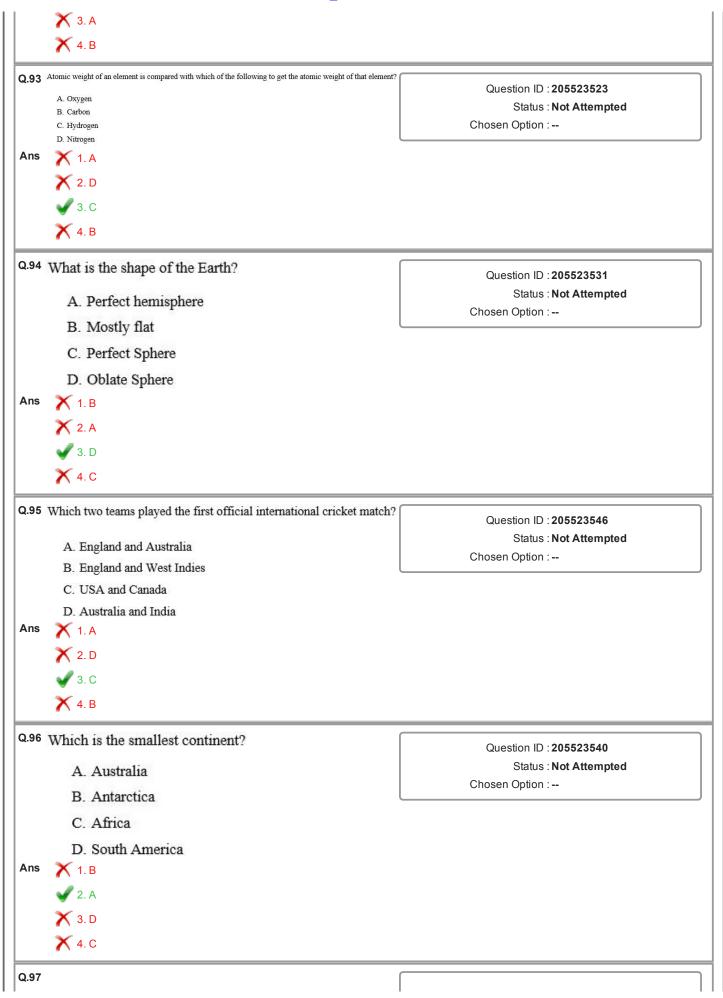
Question ID: 205523528 Status: Not Attempted

Chosen Option: --

Question ID: 205523572

Status: Not Attempted

Chosen Option: --



A man sells a table for Rs. 4200 at 25% loss. At what price must he sell to get a Question ID: 205523576 profit of 25%? Status: Not Attempted A. 1,400 Chosen Option: --B. 8,400 C. 7,000 D. 5,600 Ans X 1. D X 3. B X 4. A Q.98 As the frequency of a wave increases, what happens to its wavelength? Question ID: 205523555 Status: Not Attempted A. It increases Chosen Option: --B. It remains same C. It decreases D. There is no connection between the two Ans X 1. D **X** 2. B X 3. A Q.99 A tank can be filled by two taps X and Y in 5 hrs and 10 hrs respectively while another tap Z empties the tank in 20 hrs. In how many hours can the tank be filled if all 3 taps are kept open? Question ID: 205523575 Status: Not Attempted B 4 Chosen Option: --C. 7 Ans **X** 3. D **X** 4. A Q.10 Anil bought 100 eggs at Rs.6 per egg. He sold 25 eggs at 10% profit, another 25 eggs at 25% loss and the balance 50 eggs at 20% profit. Find the overall profit or loss percent Anil made? Question ID: 205523569 Status: Not Attempted A. 6.25% loss B. 6.25% profit Chosen Option: --C. 8% profit D. 12% loss Ans X 1. D X 2. C X 3. A 4. B



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