

## **RRB 2009 Bhubaneswar**

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### RRB 2009 Bhubaneswar

#### Instructions

For the following questions answer them individually

#### **Question 1**

Where is the Punjab Lalit Kala Academy located?

- A Muktasar
- **B** Ludhiana
- **C** Patiala
- **D** Chandigarh

Answer: D



#### **Question 2**

What happens when water is condensed into ice?

- A Heat is absorbed
- B Heat is released
- C Quantity of heat remains unchanged
- D None of these

Answer: B

#### **Question 3**

Which of the following gases is not a noble gas?

- A Zenon
- **B** Argon
- C Helium
- **D** Chlorine

Answer: D

#### **Question 4**

Which of the following diffuses most quickly?

- A Solid
- **B** Gas
- C Liquid
- D None of these

Answer: B



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#### **Question 5**

Which temperature in celsius scale is equal to 300 k?

- **A** 30°c
- **B** 27°c
- **C** 300°c
- D None of these

Answer: B

Question 6

First Youth Olympic games will be held in-

- A Japan
- **B** China
- C North Korea
- **D** Singapore

Answer: D

#### **Question 7**

Where was the capital of Pandya dynasty situated?

- A Mysore
- **B** Kanchipuram
- C Madurai
- **D** Delhi

Answer: C

# **RRB JE Previous Papers (Download Pdf)**

#### **Question 8**

Tripitik is the scripture of-

- A Jain religion
- B Hindu religion
- C Buddhishtha religion
- D Muslim religion

Answer: C



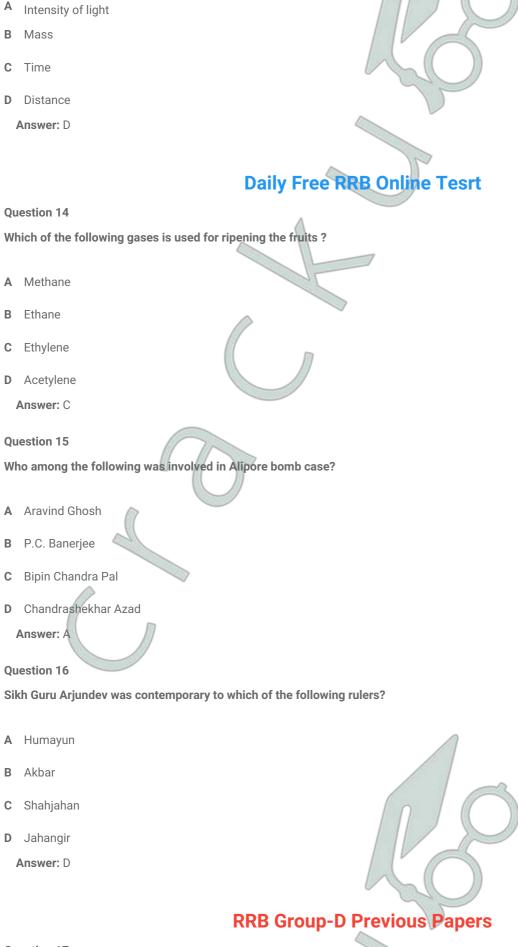
# **Question 9** Who is the author of 'Adhe Adhure'? Mohan Rakesh Prem Chand Nirala Pant Answer: A **Question 10** Which of the following Constitutional Amendments has included fundamental duties into the constitution? 42nd 43rd 44th 39th Answer: A **RRB JE Free Mock Test Question 11** Where is the Central Food Technology Research Institute situated? Delhi Anand Ahmedabad Mysore Answer: D **Question 12** Which of the following is common in both, Buddhism and Jainism?

- A Non-Violence
- **B** Violence
- C Triratna
- **D** Truth

Answer: A

**Question 13** 

Light-Year measures which of the following?



Besides hydrogen, which of the following elements is common in organic compounds?



- **C** Nitrogen
- **D** Carbon

Answer: D

#### Instructions

Find the correct meanings of the words given below:

#### **Question 18**

**EWE** 

- A Calf
- **B** Female Sheep
- **C** Deer
- D None of these

Answer: B

#### **Explanation:**

Ewe means a female sheep. So option B is correct.

#### **Question 19**

#### Buffalo

- A Calf
- **B** Baby box
- C Baby bison
- D Baby cow

Answer: C

#### **Explanation:**

Both buffalo and bison belong to the same family Bovidae. Thus, C is the most apt of the given choices.

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#### **Question 20**

#### Veneration

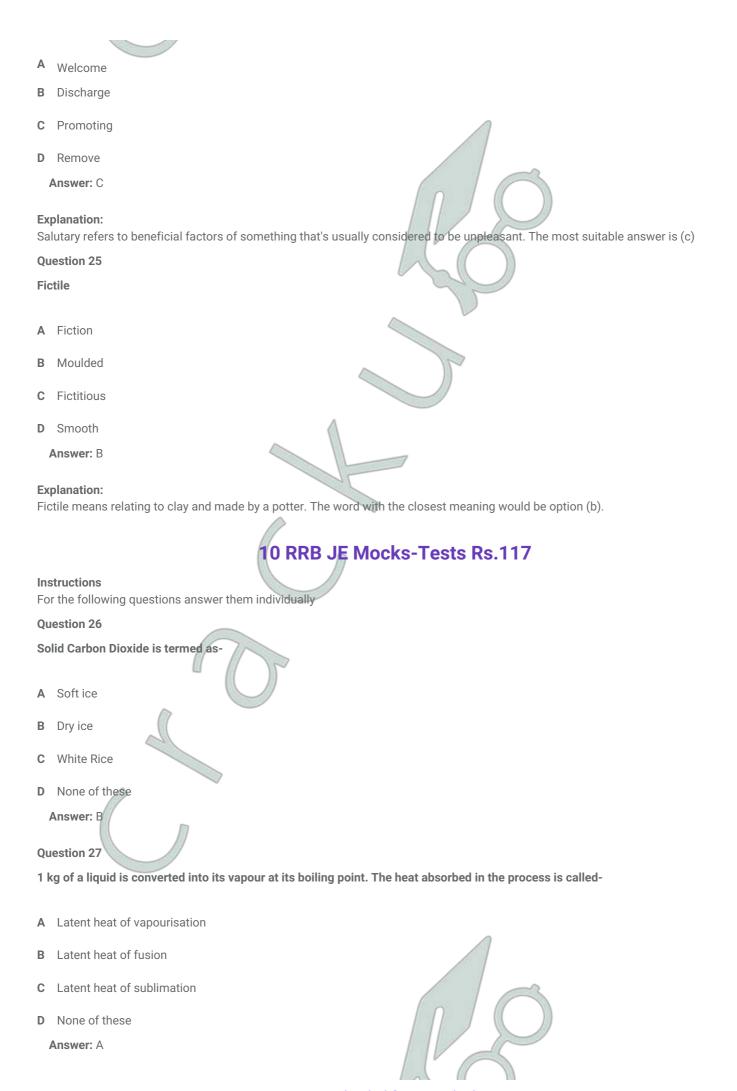
- A Esteem
- **B** High respect
- **C** Devotion
- **D** Worship

Answer: B





# **Explanation:** Veneration means great respect. Thus option A is the right choice. **Question 21 Vicious** Remorseless Ferocious Kind Wicked Answer: D **Explanation:** Vicious mean intentionally hurtful. Wicked means a person who is morally evil. Thus, both almost means the same. So, option D is the apt choice. Instructions Choose the word / Phrase which is nearest in meaning to the words in question **Question 22 Bizarre** Colourful Odd Insipid Smart Answer: B **Explanation:** Bizarre means "unusual". The closest in meaning to bizarre would be "odd". Option B is the correct answer. 20 RRB NTPC Mocks-Tests Rs.149 **Question 23** Innuendo Narration Insinuation Insist Insutale Answer: B **Explanation:** Innuendo and Insinuation both mean "a hint or a suggestion of something unpleasant". Hence (b) is the right option. **Question 24 Salutary**



Whether all the universities in the country should start online admission at all levels with immediate effect?

- i. No, since all the students may not have access to the internet easily\
- ii. Yes, it may liberate the students and their parents from the long-standing problems of knocking at the doors of different colleges and standing in queue.
- A Only argument (i) is correct
- B Only argument (ii) is correct
- C Neither argument (i) nor argument (ii) is correct
- **D** Both the arguments, (i) and (ii), are correct

Answer: D

#### **Explanation:**

Online admissions give an advantage to students from localities with internet access. This can be argued to be a factor against fair representation of candidates from all localities. On the positive side, online admissions prevent manual effort like standing in queue, etc as the application is sent online. So, both the arguments are strong.

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#### **Question 29**

The product 'Fair and Lovely' is related to

- A WIPRO
- B I.T.C
- C P&G;
- D H.U.L

Answer: D

#### **Question 30**

Should the Government make it compulsory for the private medical colleges to join the entrance test conducted by the government?

- i. No, private institutions should be empowered, so that they may decide their own admission strategy and improve their work-management.
- ii. Yes, all medical institutions, whether these are private or government's should adopt the same entrance standard.
- A Only argument (i) is correct
- B Only argument (ii) is correct
- C Either argument (i) is correct or argument (ii) is correct
- D Neither argument (i) is correct nor argument (ii) is correct

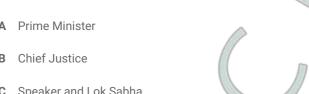
Answer: B

#### **Explanation:**

Work management of the institutions is not related to the mode of admission for the students. So argument (1) is weak. Of the given options, only option B is the most suitable

#### **Question 31**

In case the president of india decides to resign, he will address his letter of registration to-



- Speaker and Lok Sabha
- Vice-President

Answer: B

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#### **Question 32**

The metal extracted from Bauxite is-

- Silver
- Copper
- Manganese
- Aluminium

Answer: D

#### **Question 33**

The cyclone represents a state of atmosphere in which-

- A Low pressure in the center and high pressure around
- There is high pressure in the center and low pressure around
- There is low pressure all around
- None of these

Answer: A

#### **Question 34**

The 'Ocean of storms' is the name given to

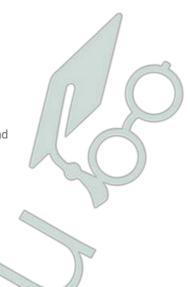
- Atlantic Ocean
- Pacific Ocean
- A waterless area on moon surface
- None of these

Answer: C

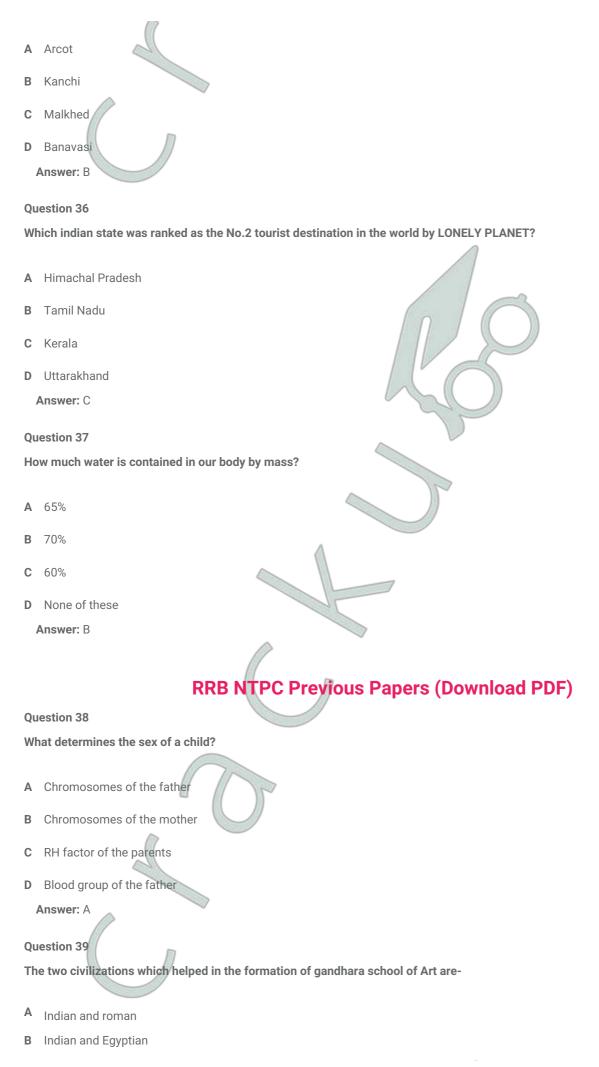
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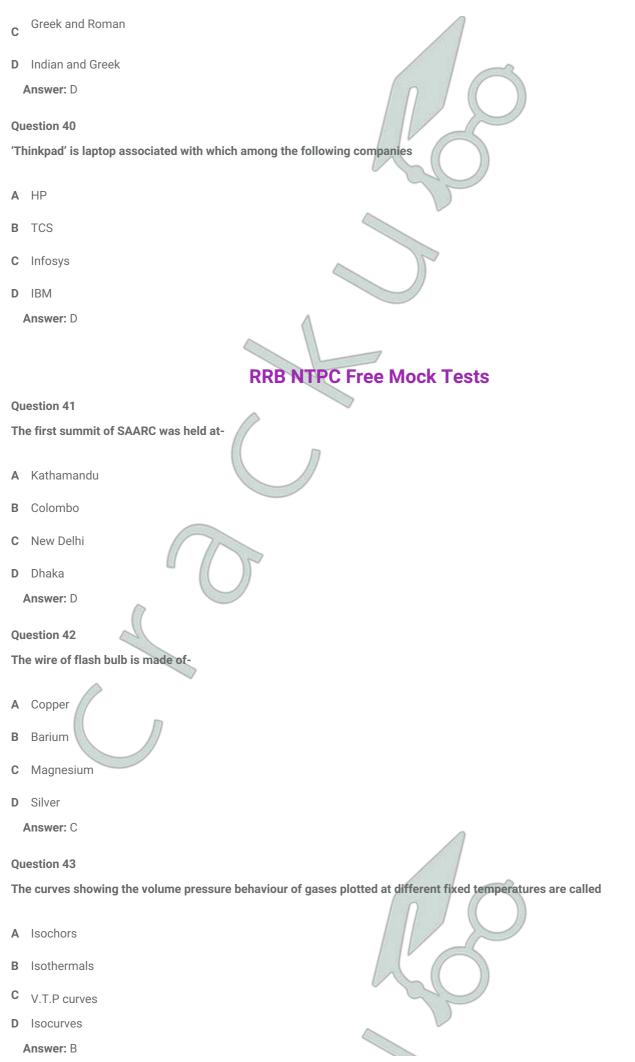
**Question 35** 

The capital of pallavas was-









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#### **Question 44**

Project Tiger was launched in-

- **A** 1973
- **B** 1976
- C 1978
- **D** 1983

Answer: A

#### **Question 45**

How many letters in the word TRYST have as many letters between them as in the alphabetical series?

- A None
- **B** 2
- **C** 3

Answer: B

#### **Explanation:**

S and T are the only 2 letters that are separated by as many letters as there are in the English Alphabetical series.

#### **Question 46**

From the alternatives, select the set which is most like the given set. Given set (23,29,31)-

- **A** (17,21,29)
- **B** (31,37,49)
- C (13,15,23)
- **D** (41,43,47)

Answer: D

#### **Explanation:**

The numbers in the given set are prime numbers. Similarly, the numbers in the set of option D are also prime.

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#### **Question 47**

13 65 585 7605 129285.....?.....

- A 2456415
- **B** 2235675



c <sup>2980565</sup>
<b>D</b> 2714985
Answer: D
Explanation: the pattern is as follows:
13×1=13, 13×5=65, 65×9=585, 585×13=7605, 7605&17=129285
So, the next in the series is 129285×21=2714985
Question 48
If 'VEHEMENT' is written as 'VEHETNEM' then in that code how will you code 'MOURNFUL'?
A MOURLUFN
B MOUNULFR
O OLIDAMAITH
C OURMNFUL
D URNFULMO
Answer: A
Explanation: While coding the word, the first four letters stay the same while the last four letters are inverted in the code.
Question 49
MOLLIFY is to APPEASE as APPURTENANCE is to
A Gratify
B Avarice
C Accessory
D Amend
Answer: C
Explanation:  Mollify and appease, both means to ease the anger of someone. Thus, they are synonyms. Similarly, accessory is the synonym of appurtenance
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Question 50
Praduman is older than Janaki; Shreshtha is older than Chhama; Ravindra is not old as Shreshtha but is older than Janaki. Chhama is not as old as Janaki. Who is the youngest?
A Praduman
B Janaki
C Shreshtha
D Chhama
Answer: D

#### **Explanation:**

Praduman is older than Janaki. So Janaki is younger; Shreshtha is older than Chhama. So, Chamma or Janaki is the youngest; Ravindra is not old as Shreshtha but is older than Janaki. So, Chamma or Janaki is the youngest. Chhama is not as old as Janaki. So, Chamma is the youngest.

#### **Question 51**

In a row of children facing North, Bharath is eleventh from the right end and is third to the right of Samir who is fifteenth from the left end. Total how many children are there in the row?

- **A** 29
- **B** 28
- **C** 30
- **D** 27
  - Answer: B



From the information given, there are 10 children to the right of Bharath,14 children to the left of Samir and 2 children between them.

Thus the total no of children= 10 + 14 + 2 + 2(Samir and Bharath)=28

#### **Question 52**

Which number is missing? 16,40,160,400,1600?

- **A** 4800
- **B** 5400
- **C** 6400
- **D** 4000

Answer: D

#### **Explanation:**

There are 2 series in this sequence. The first is 16, 160, 1600 and so on. The second series is 40, 400, 4000 and so on.

# **RRB Group-D Previous Papers**

#### **Question 53**

If in the word CALIBRE, the previous letter in the English alphabet replaces each consonant and each vowel is replaced by the next letter and then the order of the letters is reversed, which letter will be third from the right end?

- ΔΔ
- B C
- C B
- D K

Answer: D

#### **Explanation:**

Applying the given conditions to CALIBRE, we get FQAJKCB

the letter third from the right is K.



How many such digits are there in the number 57683421, each of which is as far away from the beginning of the number, as they will be when arranged in decreasing order within the number?

- A One
- **B** Two
- C Thre
- D More than three

Answer: D

#### **Explanation:**

The number arranged in decreasing order is 87654321.

The digits 7,6,2 and 1 has the same distance from the beginning of the number even when arranged in decreasing order, the distances being 1,2,6 and 7 respectively. Thus, option D is correct.

#### Instructions

In the following question there are two words to the left of sign (::) which are connected in same way. The same relationship obtains between the third word and one of the four alter-natives under it. Find the correct alternative in each case.

#### **Question 55**

Medicine: Sickness:: Book:?

- A Ignorance
- **B** Knowledge
- **C** Author
- **D** Teacher

Answer: A

#### **Explanation:**

Medicines are used for curing sickness. Similarly, books are used to remove ignorance.

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#### **Question 56**

River: Dam:: Traffic:?

- A Signal
- **B** Vehicle
- C Motion
- **D** lane

Answer: A

#### **Explanation:**

Dam controls the flow of water in a river. Similarly, signal controls the traffic of vehicles

**Question 57** 

Session: Concludes::?:Lapses

- A Leave
- **B** Permit
- C Agency
- **D** Policy
  - Answer: D

#### **Explanation:**

When sessions are over, they are said to conclude. Likewise, when a policy is expired it is said to lapse.

#### Instructions

For the following questions answer them individually

#### **Question 58**

If 16=11, 25=12,36=15,then 49=?

- **A** 14
- **B** 20
- C 19
- **D** 17

Answer: B

#### **Explanation:**

the pattern is as follows;

16=(6+1) + 4=11

25=(5+2)+ 5=12

36=(3+6) + 6=15

49=(4+9) + 7=20

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#### **Question 59**

Pick out the odd in the following-

- **A** 64 100
- **B** 36 45
- **C** 48 90
- **D** 29 85

Answer: C

#### **Explanation:**

HCF (64, 100) = 4 -> perfect square

HCF (36, 45) = 9 -> perfect square

HCF (48, 90) = 6 -> not a perfect square

HCF (29, 85) = 1 -> perfect square

So, 48 - 90 is the odd man out.

#### KEATS=25, SHELLEY=35, BROWNING=?

- **A** 45
- **B** 37
- **C** 50
- **D** 40

Answer: D

#### **Explanation:**

each word given is equal to the number of letters in the word multiplied by 5.

Thus, BROWNING=8x5=40

#### Instructions

What approximate value should come in place of question-mark (?) in the following questions ? (You are expected to calculate the exact value)

#### **Question 61**

$$(9321 + 5406 + 1001) \div (498 + 929 + 660) = ?$$

- **A** 13.5
- **B** 4.5
- C 16.5
- **D** 7.5

Answer: D

#### **Explanation:**

9321+5406+1001=15728 498+929+660=2087 15728÷2087=7.536

So option D is the right answer.

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#### Question 62

 $561204 \times 58 = ? \times 55555$ 

- **A** 606
- **B** 646
- C 586
- **D** 716

Answer: C

#### **Explanation:**

 $561204 \times 58 = ? \times 55555$ 

implies ? =  $561204 \times 58 \div 55555$  = 586

#### Instructions

For the following questions answer them individually

#### **Question 63**

The difference between the greatest number and the smallest number of 5 digits 0,1,2,3,4 using all but once is-

- A 32976
- **B** 32679
- C 32769
- D None of these

Answer: A

#### **Explanation:**

The biggest five digit number possible from those numbers is 43210

The smallest 5 digit number possible is 10234 (The number can't start with 0 as it will then become a 4 digit number)

The difference = 43210 - 10234 = 32976

#### **Question 64**

Area of a parallelogram whose base is 9 cm and height 4 cm is ........ sq cm.

- **A** 9
- **B** 4
- **C** 36
- **D** 13

Answer: C

#### **Explanation:**

area of parallelogram= base x height=9 x 4=36 cm $^2$ 

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#### **Question 65**

The number which is neither prime nor composite is-

- Δ 4
- **B** 1
- **C** 3
- **D** 2

Answer: B

#### **Explanation:**

3 and 2 are prime numbers because it has only factors 1 and itself.

4 is a composite number because it has more than 2 factors ->1,2,4

1 is neither prime nor composite because the definition of prime, as well as composite, requires them to have at least one factor other than 1.

The length of a room is three times its breadth. If the perimeter of the room is 64 cm, then its breadth is ...... cm.

- **A** 64
- **B** 32
- **C** 16
- **D** 8

Answer: D

#### **Explanation:**

given, I=3b....(1)

and 2(l + b) = 64...(2)

substituting (1) in (2) we get

4b=32

=>b=8

#### **Question 67**

Aditi read 4/5th of Tintin comic book which has 100 pages. How many pages of the book is not yet read by Aditi?

- **A** 40
- **B** 60
- **C** 80
- **D** 20

Answer: D

#### **Explanation:**

4/5th of 100=80

no of remaining pages=100 - 80=20

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#### **Question 68**

What is the meaning of beckoned

- A Summon by sign or gesture
- **B** Did not signal
- C Did not call
- **D** Invite

Answer: A

#### **Explanation:**

Beckoning someone is gesturing to somebody (like waving, signaling, etc) to follow. Making a sign or gesture is essential to be classified as "beckoning". So, options b and c are opposites. Option d doesn't indicate about gesturing. So, option A is the correct answer.

A box contains coins (equal no. of every one) of rupee and half rupee, coins of 25 paise, 10 paise, 5 paise value, 2 paise value and one paise value. The total value of coins in the box is Rs. 1158. Find the number of coins of each value.

- **A** 500
- **B** 400
- **C** 700
- **D** 600

Answer: D

#### **Explanation:**

Let the number of each coin be x

Total value of the box = x \* 1 + x \* .5 + x \* .25 + x \* .1 + x \* .05 + x \* .02 + x \* .01 = x \* (1.93)

But 1.93x = 1158

So, x = 1158/1.93 = 600 coins

#### **Question 70**

The area of rhombus with diagonals 12 cm and 20 cm is .... sq cm.

- **A** 120
- **B** 12
- **C** 20
- **D** 240

Answer: A

#### **Explanation:**

Area of a rhombus = p \* q/2 where p and q are the diagonals.

So, the area = 12 \* 20/2 = 120 sq units

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#### **Question 71**

A piece of road is one kilometer in length. We have to supply lamp posts. One post at each end, distance between two consecutive lamp posts is 25 meters. The number of lamps posts required is-

- **A** 41
- **B** 51
- **C** 61
- **D** 42

Answer: A

#### **Explanation:**

Since there are lamp posts at both the ends, the number of lamp posts required = 1 + 1000/25 = 41

#### **Question 72**

There are 800 students in a class. On one particular day, if 1/10th of the students were absent, how many students were present?





**C** 720

**D** 750

Answer: C

#### **Explanation:**

Total strength of the class = 800

Portion of students absent = 1/10

Portion of students present = 9/10

So, number of students present = 800 \* 9/10 = 720

#### **Question 73**

The quotient in a division is 403. The divisor is 100 and the remainder is 58, the dividend is-



**B** 34058

C 43058

**D** 40358

Answer: D

#### **Explanation:**

Dividend = Quotient \* Divisor + Remainder = 403 \* 100 + 58 = 40358

## **RRB NTPC Previous Papers (Download PDF)**

#### **Question 74**

A labourer was engaged for 25 days on the condition that for every day, he works, he will be paid Rs. 2 and for every day, he is absent he will be fined 50p. If he receives only Rs. 37.50, find the no. of days he was absent-



**B** 6

**C** 7

**D** 4

Answer: A

#### **Explanation:**

Let the employee be absent for x days.

He is present for 25 - x days.

His salary is (25 - x)\*2 - .5x = 50 - 2.5x

But 50 - 2.5x = 37.5

So, x = 5

Instructions

Choose the word/phrase which is most opposite in meaning to the word? **Question 75** Quixotic Visionary Whimsical Realistic Foolish Answer: C **Explanation:** Quixotic means having ideas that are not practical. Realistic means to have a practical approach which is the antonym of Quixotic. Thus, option C is the right answer. **Question 76** Rabid Mad Normal **Furious** Fanatical Answer: B **Explanation:** Rabid means to go to extreme lengths to achieve something. Fanatical and mad almost mean the same as rabid. So options A and D are wrong.Normal means to be ordinary or usual.Normal is the most appropriate antonym to the given word.Thus, option B is correct. **RRB NTPC Free Mock Tests Question 77 Scurrilous** Inoffensive Vulgar Insulting Coarse Answer: A

#### **Explanation:**

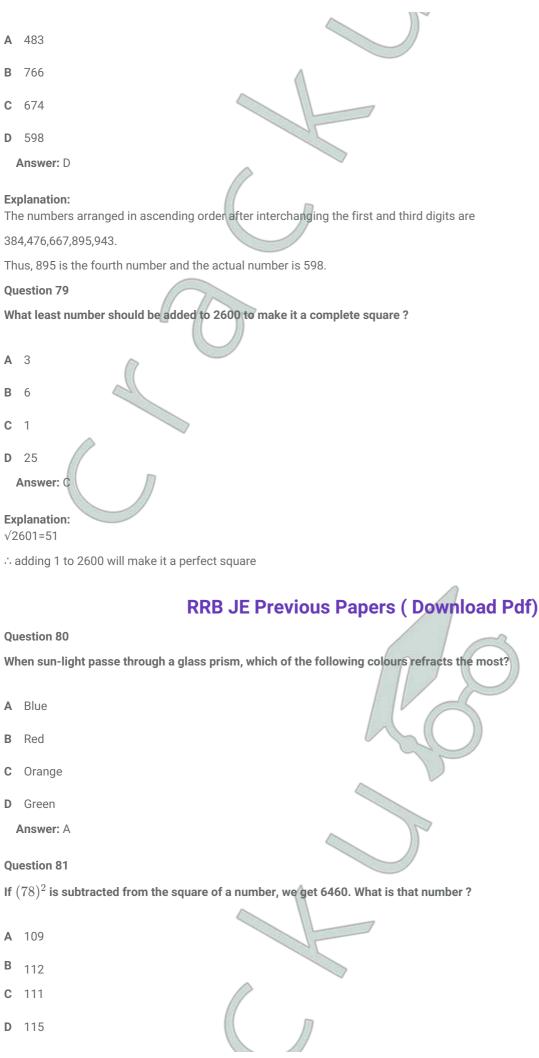
Scurrilous means to behave in an abusive manner. Inoffensive means to behave in an unoffending way. Thus, inoffensive is the opposite of scurrilous. So option A is correct.

#### Instructions

For the following questions answer them individually

#### **Question 78**

Digits of first place and third place are interchanged of the numbers 349,483,766,598,674 and then the new numbers are arranged in ascending order. Which would be the fourth number?



# Answer: B **Explanation:** $112^2\,\text{-}78^2=6460$ -by trial and error Option B is correct. **Question 82** The difference between 28% and 42% of a number is 210. What is 59% of this number? 900 Α 420 885 None of these Answer: C **Explanation:** Let the number be a Given, .42a - .28a = 210 => a=1500 ∴ .59a= 885 **RRB JE Free Mock Test Question 83** A-B means A is the father of B. A+B means A is the daughter of B. $A \div B$ Means A is the son of B. $A \times B$ means A is the wife of B . Then, what is the relation of P with T in the expression P+S-T? Son Daughter Sister Wife Answer: C **Explanation:** P + S means P is the daughter of S and S - T means S is the father of T. Thus S is the father of both P and T. ∴ P is the sister of T. **Question 84** Ellora Caves in Maharashtra were built during the rule of which of the following dynasties? Rashtrakoot Pallav

Pala
Chola
Answer: A

Question 85  But for the surgeon's skill, the patient died.
A May have
B Must have
C Should have
D Would have
Answer: D
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Question 86
I want to see the principal, I have something to tell him urgently.
A So
B For
C Since
D and
Answer: C
Explanation: Since is the most appropriate preposition to fill the blanks.
Question 87
I wasn't really listening and didn't What he said.
A Catch
B Receive
C Accept
D Take
Answer: A
Explanation:  Catch means to capture or get something and here the person didn't get what was being said. Receive is incorrect because nothing was given here to be received. Thus, option A is correct.
Question 88
The first division of congress took place in -
A Surat
B Kolkata
C Allahabad
D Chennai
Answer: A

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# **RRB Group-D Previous Papers Question 89** What is ginger? Flower Root Stem Leaf Answer: C **Question 90** Battle of Kalinga was fought at which of the following places? Udaigiri Dhauli Balasore Barabaki Answer: B **Question 91** MIG aircraft manufacturing plant is located at which of the following places of Orissa? Beharampur Sunabeda Koraput Sambalpur Answer: C **RRB Free Videos (You Tube Channel)** Instructions In question (92-96) out of the four alternatives, choose the one which best express the meaning of the word as given in capital letters. **Question 92 ALLOW** Permit Seek

Wish



Answer: A

#### **Explanation:**

Permit means to allow to do something. So option A is correct.

#### **Question 93**

Rival

- A Partner
- **B** Competitor
- **C** Claimant
- **D** Enemy

Answer: B

#### **Explanation:**

A rival is someone who tries to be better than someone trying to achieve the same goal. Similarly, a competitor is someone who is trying to do better than others working for the same aim. Thus, B is the right choice. An enemy is someone who is hostile to others doesn't inevitably try to achieve better than someone.

#### **Question 94**

#### **RECOLLECT**

- A Remember
- B Recover
- C Revive
- **D** Memories

Answer: A

#### **Explanation:**

Recollect means to remember something. Thus, A is correct.

Revive and recover is the act of regaining something lost and is not the same as remembering.

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#### **Question 95**

AID

- A Disease
- B Assistance
- **C** Co-operation
- D Supervision

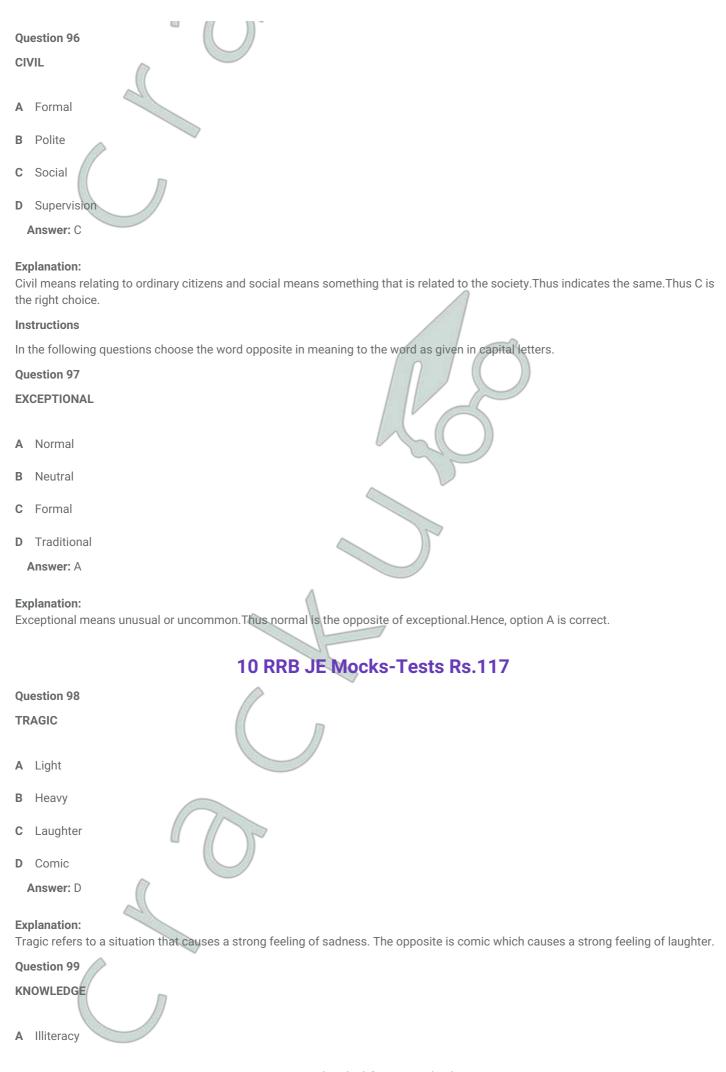
Answer: B

#### **Explanation:**

Aid means to help someone with something. Assistance also is the action of helping someone. Thus, option B is correct. Cooperation is not helping but working together to achieve a common goal. Thus, option C is incorrect.







- Backwardness
- C Foolishness
- **D** Ignorance

Answer: D

#### **Explanation:**

Knowledge is the possession of information and ignorance is the lack of it. So, ignorance is the opposite of knowledge. An illiterate is a person who is unable to read and write, and backwardness means being behind the current progress in the world. An illiterate or backward person could still be knowledgeable, so options A and B are incorrect. Thus, option D is the most appropriate.

#### **Question 100**

#### **ADVANCE**

- A Withhold
- **B** Defend
- **C** Restrain
- **D** Retreat

Answer: D

#### **Explanation:**

Advance means to move forward and retreat means to move backward. Thus, D is the correct option.

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