



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

RRB NTPC Graduate 18th Jan 2017 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	18/01/2017
Test Time:	12:30 PM - 2:00 PM
Subject:	RRB NTPC Graduate

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

Q.1 Hard : Stone :: Soft : ?

- Ans ☒ 1. Feather
☒ 2. Sand
☒ 3. Shine
☒ 4. Moon

Question ID : 584189230

Status : Answered

Chosen Option : 2

Q.2 Based on the scenario given, choose the decision from the options which would be most suitable.

Research shows that playing outdoors improves the overall health of kids. Nowadays kids do not find time to play outdoors.

Parents should ____

दिए गए परिदृश्य के आधार पर विकल्पों में से वह निर्णय चुनें जो सर्वाधिक उपयुक्त हो।

शोध से पता चलता है कि बाहर खेलने से बच्चों के समग्र स्वास्थ्य में सुधार होता है। आजकल बच्चों को बाहर खेलने के लिए समय नहीं मिल रहा है।

माता-पिता को चाहिए कि ____

- Ans ☒ 1. encourage indoor games.
वे घर के भीतर खेले जाने वाले खेलों के लिए बच्चों को प्रोत्साहित करें।
☒ 2. not send the kids to school.
वे बच्चों को स्कूल न भेजें।
☒ 3. make playing outdoors compulsory.
वे बाहर खेलना अनिवार्य बनाएँ।
☒ 4. re-schedule their office hours so they get more time to play with the kids.
वे अपने कार्यालय समय को पुनर्योजित करें ताकि वे बच्चों के साथ खेलने के लिए अधिक समय निकाल सकें।

Question ID : 584189245

Status : Answered

Chosen Option : 3

Q.3 Which among the following converts chemical energy to electrical energy?

- Ans ☒ 1. Generator
☒ 2. Dynamo

Question ID : 584189146

Status : Answered

Chosen Option : 4

- ☒ 3. Motor
☒ 4. Battery

Q.4 Which of the following pollutants in water causes 'Minamata' disease?

निम्न में से कौन-से जल प्रदूषक 'मिनामाटा' रोग के कारक होते हैं?

- Ans ☒ 1. Lead
लेड
☒ 2. Salmonella
साल्मोनेला
☒ 3. Methyl Mercury
मिथाइल मर्करी
☒ 4. Perchlorate
परक्लोरेट

Question ID : 584189161

Status : Not Attempted

Chosen Option : --

Q.5 If 'P' is the amount invested at 5% p.a compounded half yearly for 2 years, what would be the amount received at the end of 2 years?

- Ans ☒ 1. $P(1.05)^2$
☒ 2. $P(1.025)^4$
☒ 3. $P(1.1)$
☒ 4. $P(1.025)^2$

Question ID : 584189189

Status : Answered

Chosen Option : 2

Q.6 What is the minimum age qualification to become Chief Minister of any State in India?

- Ans ☒ 1. 28
☒ 2. 25
☒ 3. 24
☒ 4. 21

Question ID : 584189165

Status : Answered

Chosen Option : 2

Q.7 Jeeva purchased an article for Rs.2500 and sold it at 25% above cost and paid a tax of Rs.125. Find the post-tax profit in rupees.

- Ans ☒ 1. 475
☒ 2. 625
☒ 3. 550
☒ 4. 500

Question ID : 584189192

Status : Answered

Chosen Option : 4

Q.8 Which of the following received the World heritage tag by UNESCO in 2016?

- Ans ☒ 1. Chhatrapati Shivaji Terminus, Mumbai
☒ 2. Mountain Railways of India
☒ 3. Khangchendzonga National Park
☒ 4. Western Ghats

Question ID : 584189125

Status : Answered

Chosen Option : 2

Q.9 In a class of 60 students, 60% are boys. If 25% of the girls come to school by bicycle, find the number of girls who don't come cycling to school?

- Ans ☒ 1. 27
☒ 2. 18
☒ 3. 36
☒ 4. 24

Question ID : 584189199

Status : Answered

Chosen Option : 2


Q.10 From when is the proposed merger of our Railway budget with the General budget supposed to take place?

- Ans ☒ 1. 2016-17
☒ 2. 2017-18
☒ 3. Not approved yet





Question ID : 584189172

Status : Answered

Chosen Option : 2

 4. 2018-19

Q.11 Simplify: $(a^{-1} + b^{-1}) \div (a^{-2} - b^{-2})$

- Ans  1. $\frac{ab}{a-b}$
-  2. $\frac{ab}{b-a}$
-  3. $\frac{a}{b}$
-  4. $\frac{a+b}{ab}$





Question ID : 584189194

Status : Answered

Chosen Option : 2

Q.12 Select the correct combination of mathematical signs from the options given to replace # signs and get a balanced equation.

24 # 8 # 4 # 10 # 2





- Ans  1. + = + -
-  2. = x - +
-  3. + x = +
-  4. - ÷ + =

Question ID : 584189229

Status : Answered

Chosen Option : 2

Q.13 A milkman purchases 25 litres of milk from a dairy for Rs.800 and sells it at the rate of 33.50 per litre. What is the profit or loss %? (rounded off)

- Ans  1. Loss 4.8%
-  2. Loss 5.1%
-  3. Profit 5.3%
-  4. Profit 4.7%

Question ID : 584189202

Status : Answered

Chosen Option : 4

Q.14 At 2'O clock, the hands of a clock make an acute angle and a reflex angle. How much is the reflex angle (in degrees)?

- Ans  1. 225°
-  2. 300°
-  3. 180°
-  4. 275°

Question ID : 584189196





Status : Answered

Chosen Option : 2

Q.15 A question and three statements labeled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

How far is Sasa's school?

- I. Sasa is a girl studying in standard 9.
- II. Sasa's mother drops her first at school and reaches her office which is 10 kms away.
- III. Sasa takes 15 minutes travelling by bus and 30 minutes by cycle.

- Ans  1. I and II together are sufficient.
-  2. I, II and III are sufficient.
-  3. Data insufficient.
-  4. II and III together are sufficient.

Question ID : 584189243

Status : Answered

Chosen Option : 3

Q.16 Find the difference between the smallest number of five digits and greatest number of four digits?

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

Question ID : 584189178

Status : Answered

Chosen Option : 4

Q.17





Question ID : 584189167

Status : **Answered**

Chosen Option : 4





Who was called the 'Lady with a lamp'?

Ans

-  1. Annie Besant नाम से किसे जाना जाता है?
एनी बेसेंट
-  2. Sarojini Naidu
सरोजिनी नायडू
-  3. Madame Cama
मैडम कामा
-  4. Florence Nightingale
फ्लोरेंस नाइटिंगेल

Q.18 In how many cities did Maharaja Jai Singh II build Jantar Mantar?

Ans

-  1. Five
-  2. Two
-  3. Three
-  4. One

Question ID : **584189143**Status : **Not Attempted**

Chosen Option : --

Q.19 A bank pays simple interest at 4% per annum on the first Rs.5500 and an interest of 6% for amounts above that. Find the interest earned by Sameera if she deposits Rs.13,250 with the bank for 2 years.

Ans





-  1. 1325
-  2. 1280
-  3. 1370
-  4. 840

Question ID : **584189188**Status : **Answered**

Chosen Option : 3

Q.20 How many chambers are present in the heart of a fish?

Ans

-  1. Two
-  2. Three
-  3. Four
-  4. One

Question ID : **584189149**Status : **Answered**

Chosen Option : 1

Q.21 In a certain code if AKBAR is written as CMDCT, how will JODHA be written?

Ans

-  1. LQFJC
-  2. LMGJX
-  3. WBQUN
-  4. HMBFX

Question ID : **584189220**Status : **Answered**

Chosen Option : 1

Q.22 Solve:

$$\frac{1.13 + 5.884}{2.004} =$$

Ans

-  1. 3.50
-  2. 2.95
-  3. 3.44
-  4. 3.05

Question ID : **584189177**Status : **Answered**

Chosen Option : 1

Q.23 Four bells ring at 16, 24, 36, 42 minute intervals. If they ring together at 6.00 a.m., after how long would they next ring together?

Ans

-  1. 886 minutes
-  2. 1008 minutes
-  3. 842 minutes
- 4. 964 minutes

Question ID : **584189180**Status : **Answered**

Chosen Option : 2

Q.24





Question ID : **584189244**

A question and three statements labeled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.





Status : **Answered**
Chosen Option : 3

What is Surya's age?

- I. Surya and his sister are the only children in Ramesh's home.
II. Surya's sister is elder to him by 5 years.

- Ans  1. II alone is sufficient to answer the question.
 2. Given data is insufficient.
 3. II and III are sufficient.
 4. I, II, III together are needed.

Q.25 Which among the below set of colours are generally known as the primary colours of light?





- Ans  1. Red, Green, Blue
 2. White, Yellow, Blue
 3. Red, Green, Black
 4. Black, White, Red

Question ID : **584189145**

Status : **Answered**
Chosen Option : 1

Q.26 Where is the National Geophysical Research Institute located?

राष्ट्रीय भूभौतिकीय अनुसंधान संस्थान कहाँ स्थित है?

- Ans  1. Jaipur
जयपुर
 2. Jamshedpur
जमशेदपुर
 3. Mumbai
मुंबई
 4. Hyderabad
हैदराबाद

Question ID : **584189129**

Status : **Not Attempted**
Chosen Option : --

Q.27 Who patented the three-position traffic signal in 1923?

- Ans  1. George Eastman
 2. Garrett Morgan
 3. Robert Adler
 4. J.P.Knight

Question ID : **584189153**

Status : **Not Attempted**
Chosen Option : --

Q.28 If a dozen apples weigh 1.8 kg in total, how many apples will be there in 3 boxes weighing 23.250 kg each?

- Ans  1. 465
 2. 280
 3. 215
 4. 155

Question ID : **584189207**

Status : **Answered**
Chosen Option : 1

Q.29 In which year was Goa given the option of merging with the state of Maharashtra?

- Ans  1. 1958
 2. 1959
 3. 1963
 4. 1967

Question ID : **584189163**

Status : **Not Attempted**
Chosen Option : --

Comprehension:

In a class of 55 students, 40 like Science and 29 like Mathematics. If each student likes at least one subject, answer the following questions.

SubQuestion No : 30

Q.3

Question ID : 584189233

Status : Answered

Chosen Option : 4

0 How many like only Science?

- Ans  1. 15
-  2. 29
-  3. 19
-  4. 26

Comprehension:

In a class of 55 students, 40 like Science and 29 like Mathematics. If each student likes at least one subject, answer the following questions.

SubQuestion No : 31

Q.31 How many like both Science and Mathematics?

- Ans  1. 13
-  2. 15
-  3. 12
-  4. 14

Question ID : 584189232

Status : Answered

Chosen Option : 4

Q.32 The heights of 240 students of a school is tabulated below:

Height (cm)	<100	<110	<120	<130	<140	<150
No. of Students	12	30	65	180	218	240

How many students are of the height <130cms, but >100cms?

- Ans  1. 180
-  2. 150
-  3. 192
-  4. 168

Question ID : 584189203

Status : Answered

Chosen Option : 4

Q.33 If 2 is denoted by '[', 4 is denoted by '=', 9 is denoted by '-' and 0 is denoted by '+', what is '[=-[' + ']' ?





- Ans  1. 4209
-  2. 9204
-  3. 4092
-  4. 4290

Question ID : 584189218

Status : Answered

Chosen Option : 4

Q.34 Who has the authority to decide in the event of dispute in election of the President of India?





- Ans  1. Supreme Court
-  2. Prime Minister
-  3. Election Commissioner
-  4. Lok Sabha

Question ID : 584189164

Status : Answered

Chosen Option : 4

Q.35 If '*' represents 12, '@' represents 48, '\$' represents 24, and '!' represents 6, then what mathematical equation below will be equal to 90?



- Ans  1. $* \div ! + \$ \times @$
-  2. $\$ \div * \times @ - !$
-  3. $\$ \times @ - ! \times *$
-  4. $* + \$ \div @ - !$

Question ID : 584189219

Status : Answered

Chosen Option : 2


Q.36 Which is the longest railway tunnel in India?


- Ans  1. Karbude Tunnel
-  2. Pir Panjal Tunnel

Question ID : 584189173

Status : Answered

Chosen Option : 2

 3. Natuwadi Tunnel

 4. Berdewadi Tunnel

Comprehension:

Study the given data and answer the questions that follow:

CULTIVATED AREA (in lakh hectares)

State	2011	2012	2013
Punjab	220	256	264
Haryana	120	108	151
Uttar Pradesh	100	143	128
Madhya Pradesh	40	85	90
Maharashtra	80	150	175
Rajasthan	30	26	24

SubQuestion No : 37

Q.3 How much more was the cultivated land in Uttar Pradesh compared to
7 Rajasthan in 2012 (in lakh hectares)?

Question ID : 584189226


Status : Answered

Chosen Option : 2

Ans  1. 58

 2. 117

 3. 35

 4. 113

Comprehension:

Study the given data and answer the questions that follow:

CULTIVATED AREA (in lakh hectares)

State	2011	2012	2013
Punjab	220	256	264
Haryana	120	108	151
Uttar Pradesh	100	143	128
Madhya Pradesh	40	85	90
Maharashtra	80	150	175
Rajasthan	30	26	24

SubQuestion No : 38

Q.3 What is the difference in total cultivated land in all the 3 years put
8 together between Maharashtra and Madhya Pradesh (in lakh hectares)?


Question ID : 584189227

Status : Answered

Chosen Option : 2

Ans  1. 34

 2. 190

 3. 135

 4. 174

Comprehension:

Study the given data and answer the questions that follow:

CULTIVATED AREA (in lakh hectares)

State	2011	2012	2013
Punjab	220	256	264
Haryana	120	108	151
Uttar Pradesh	100	143	128
Madhya Pradesh	40	85	90
Maharashtra	80	150	175
Rajasthan	30	26	24

SubQuestion No : 39

Q.3 What was the percentage increase of land under cultivation in Punjab in
9 the year 2013 as against 2011?

Question ID : 584189225

Status : Answered

Chosen Option : 3

Ans  1. 22.33

 2. 16.36
 3. 20
 4.

Q.40

Ans  1.
 2.
 3.
 4.

Question ID : **584189171**
Status : **Answered**
Chosen Option : **2**

Q.41

Ans  1.
 2.
 3.
 4.

Question ID : **584189152**
Status : **Answered**
Chosen Option : **3**

Q.42

Ans  1.
 2.
 3.
 4.

Question ID : **584189147**
Status : **Answered**
Chosen Option : **1**

Q.43

Ans  1.
 2.
 3.
 4.

Question ID : **584189135**
Status : **Answered**
Chosen Option : **4**

Q.44

Ans  1.
 2.
 3.
 4.


Question ID : **584189215**
Status : **Answered**
Chosen Option : **1**

Q.45

Ans  1.
 2.
 3.
 4.

Question ID : **584189195**
Status : **Answered**
Chosen Option : **3**

Q.46

Ans  1.
 2.
 3.
 4.

Question ID : **584189134**
Status : **Answered**
Chosen Option : **1**

Q.47

Ans  1.
 2.
 3.

Question ID : **584189234**
Status : **Answered**
Chosen Option : **4**

 4.

Q.48

Ans  1.

 2.

 3.

 4.

Question ID : **584189200**

Status : **Answered**

Chosen Option : 4

Q.49

Ans  1.

 2.

 3.

 4.

Question ID : **584189208**

Status : **Answered**

Chosen Option : 2

Q.50

Ans  1.

 2.

 3.

 4.

Question ID : **584189154**

Status : **Answered**

Chosen Option : 1

Q.51

Ans  1.

 2.

 3.

 4.

Question ID : **584189150**

Status : **Answered**

Chosen Option : 4

Q.52

Ans  1.

 2.

 3.

 4.

Question ID : **584189209**

Status : **Answered**

Chosen Option : 1

Q.53

Ans  1.

 2.

 3.

 4.

Question ID : **584189132**

Status : **Answered**

Chosen Option : 2

Q.54

Ans  1.

 2.

 3.

 4.

Question ID : **584189169**

Status : **Answered**

Chosen Option : 4

Q.55

Ans  1.

 2.

 3.




 4.

Question ID : **584189240**

Status : **Answered**

Chosen Option : 2

Q.56

Ans  1.
 2.
 3.
 4.

Question ID : **584189235**
Status : **Answered**
Chosen Option : 1

Q.57
Ans  1.
 2.
 3.
 4.

Question ID : **584189174**
Status : **Answered**
Chosen Option : 4

Q.58
Ans  1.
 2.
 3.
 4.

Question ID : **584189223**
Status : **Answered**
Chosen Option : 1

Q.59
Ans  1.
 2.
 3.
 4.

Question ID : **584189130**
Status : **Answered**
Chosen Option : 1

Q.60
Ans  1.
 2.
 3.
 4.

Question ID : **584189127**
Status : **Answered**
Chosen Option : 3

Q.61
Ans  1.
 2.
 3.
 4.



Question ID : **584189148**
Status : **Answered**
Chosen Option : 2

Q.62
Ans  1.
 2.
 3.
 4.

Question ID : **584189158**
Status : **Answered**
Chosen Option : 2

Q.63
Ans  1.
 2.
 3.
 4.





Question ID : **584189183**
Status : **Answered**
Chosen Option : 2

Q.64
Ans  1.
 2.

Question ID : **584189160**
Status : **Answered**
Chosen Option : 4



-  3.
-  4.

Q.65

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

Question ID : **584189198**
Status : **Answered**
Chosen Option : 4

Q.66

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


Question ID : **584189157**
Status : **Answered**
Chosen Option : 3

Q.67

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

Question ID : **584189216**
Status : **Answered**
Chosen Option : 3

Q.68

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

Question ID : **584189162**
Status : **Answered**
Chosen Option : 4

Q.69

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





Question ID : **584189222**
Status : **Answered**
Chosen Option : 4

Q.70

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




Question ID : **584189182**
Status : **Answered**
Chosen Option : 3

Q.71

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





Question ID : **584189141**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.72

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





Question ID : **584189197**
Status : **Answered**
Chosen Option : 4

Q.73

Ans  1.
 2.
 3.
 4.




Question ID : **584189179**
Status : **Answered**
Chosen Option : **2**

Q.74

Ans  1.
 2.
 3.
 4.





Question ID : **584189136**
Status : **Answered**
Chosen Option : **2**

Q.75

Ans  1.
 2.
 3.
 4.




Question ID : **584189166**
Status : **Answered**
Chosen Option : **2**

Q.76

Ans  1.
 2.
 3.
 4.





Question ID : **584189137**
Status : **Marked For Review**
Chosen Option : **3**

Q.77

Ans  1.
 2.
 3.
 4.





Question ID : **584189228**
Status : **Answered**
Chosen Option : **3**

Q.78

Ans  1.
 2.
 3.
 4.




Question ID : **584189217**
Status : **Answered**
Chosen Option : **4**

Q.79

Ans  1.
 2.
 3.
 4.

Question ID : **584189156**
Status : **Marked For Review**
Chosen Option : **2**

Q.80

Ans  1.
 2.
 3.
 4.

Question ID : **584189131**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.81





Ans  1.

Question ID : **584189142**
Status : **Marked For Review**

-  2.
 3.
 4.

Chosen Option : 4

Q.82





- Ans  1.
 2.
 3.
 4.

Question ID : **584189212**

Status : **Answered**

Chosen Option : 1

Q.83





- Ans  1.
 2.
 3.
 4.

Question ID : **584189221**

Status : **Answered**

Chosen Option : 3

Q.84





- Ans  1.
 2.
 3.
 4.

Question ID : **584189204**

Status : **Answered**

Chosen Option : 4

Q.85





- Ans  1.
 2.
 3.
 4.

Question ID : **584189193**

Status : **Answered**

Chosen Option : 3

Q.86




- Ans  1.
 2.
 3.
 4.

Question ID : **584189151**

Status : **Answered**

Chosen Option : 2

Q.87


- Ans  1.
 2.
 3.
 4.

Question ID : **584189213**

Status : **Answered**

Chosen Option : 2

Q.88

- Ans  1.
 2.
 3.
 4.

Question ID : **584189168**

Status : **Answered**

Chosen Option : 1

Q.89

- Ans  1.
 2.
 3.

Question ID : **584189139**

Status : **Not Attempted and Mark
ed For Review**

Chosen Option : --

 4.

Q.90

Ans  1.
 2.
 3.
 4.





Question ID : **584189187**
Status : **Answered**
Chosen Option : 1

Q.91

Ans  1.
 2.
 3.
 4.





Question ID : **584189124**
Status : **Not Attempted and Mark ed For Review**
Chosen Option : --

Q.92

Ans  1.
 2.
 3.
 4.

Question ID : **584189185**
Status : **Answered**
Chosen Option : 4

Q.93

Ans  1.
 2.
 3.
 4.

Question ID : **584189184**
Status : **Answered**
Chosen Option : 4

Q.94

Ans  1.
 2.
 3.
 4.





Question ID : **584189181**
Status : **Answered**
Chosen Option : 3

Q.95

Ans  1.
 2.
 3.
 4.



Question ID : **584189140**
Status : **Not Attempted and Mark ed For Review**
Chosen Option : --

Q.96

Ans  1.
 2.
 3.
 4.

Question ID : **584189126**
Status : **Not Attempted and Mark ed For Review**
Chosen Option : --

Q.97

Ans  1.
 2.
 3.
 4.

Question ID : **584189201**
Status : **Answered**
Chosen Option : 2

Q.98

Ans  1.
 2.
 3.
 4.

Question ID : **584189190**
Status : **Answered**
Chosen Option : **3**

Q.99



Ans  1.
 2.
 3.
 4.

Question ID : **584189246**
Status : **Answered**
Chosen Option : **2**

Comprehension:

SubQuestion No : 100

Q.1
00

Ans  1.
 2.
 3.
 4.

Question ID : **584189239**
Status : **Answered**
Chosen Option : **1**

Comprehension:

SubQuestion No : 101

Q.1
01

Ans  1.
 2.
 3.
 4.

Question ID : **584189238**
Status : **Answered**
Chosen Option : **4**

Comprehension:

SubQuestion No : 102

Q.1
02

Ans  1.
 2.
 3.
 4.

Question ID : **584189237**
Status : **Answered**
Chosen Option : **4**

Q.10
3

Ans  1.
 2.
 3.
 4.

Question ID : **584189155**
Status : **Answered**
Chosen Option : **3**

Q.10
4

Ans  1.
 2.
 3.
 4.

Question ID : **584189206**
Status : **Answered**
Chosen Option : **3**

Q.10

5

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

Question ID : 584189211

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

Chosen Option : --

Q.10
6

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

Question ID : 584189176

Status : **Marked For Review**

Chosen Option : 2

Q.10
7

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

Question ID : 584189210

Status : **Answered**

Chosen Option : 3

Q.10
8

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

Question ID : 584189242

Status : **Answered**

Chosen Option : 3

Q.10
9




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

Question ID : 584189214

Status : **Answered**

Chosen Option : 3

Q.11
0




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

Question ID : 584189191

Status : **Answered**

Chosen Option : 1

Q.11
1

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

Question ID : 584189144

Status : **Answered**

Chosen Option : 1

Q.11
2

- Ans
-  1.
 -  2.
 -  3.

Question ID : 584189205

Status : **Answered**

Chosen Option : 3