RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC Graduate 18th Jan 2017 Shift 2

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

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Q.1 A bag contains notes of Rs.10, Rs.20, and Rs.50 in the ratio of 1:3:5. If the total value of money in the bag is Rs.1920, find the number of Rs.20 notes.

Ans ✗ 1. 6

✗ 2. 30

✔ 3. 18

✗ 4. 12

Question ID : 584189182
Status : Answered
Chosen Option : 1

Q.2 Write 95 out of 200 as a percentage.

1.

2.

✗ 3. 45%

✗ 4. 95%

Question ID : 584189179
Status : Answered
Chosen Option : 2

Q.3 Who was called the '*Lady with a lamp*'?

1.

2.

✗ 3. Annie Besant

✗ 4. Sarojini Naidu

Question ID : 584189167
Status : Answered
Chosen Option : 2

Q.4 Rusting of Iron is a common example of:

1.

2.

✗ 3. Endothermic Change

✔ 4. Chemical Change

Question ID : 584189148
Status : Answered
Chosen Option : 4

Q.5 If Lalitha leaves home and drives to her school at a speed of 45kmph, she reaches 5 minutes later *than* when she drives at 60kmph speed. Find the distance to her school (in km).

Ans ✗ 1. 18

✔ 2. 15

✗ 3. 14

✗ 4. 10

Question ID : 584189186
Status : Answered
Chosen Option : 2

Q.6 Who has the authority to decide in the event of dispute in election of the President of India?

Ans ✗ 1. Lok Sabha

Question ID : 584189164
Status : Answered
Chosen Option : 4

✗ 2. Election Commissioner

✓ 3.

✓ 4. Supreme Court

Q.7 Find 'X' if the below three numbers are in proportion.

2.6, 1.3, X

Question ID : 584189206
Status : **Answered**
Chosen Option : **4**

Ans ✗ 1. 1.95

✗ 2. 1.83

✗ 3. 3.9

✓ 4. 0.65

Q.8 When was the Indus Water Treaty, which featured in news recently, signed by India and Pakistan?

Question ID : 584189126
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. 1947

✗ 2. 1951

✗ 3. 1954

✓ 4. 1960

Q.9 Girish can paint a picture in 4 days when he works for 8 hours per day. Due to illness, he could work for only 6 hours per day and was required to finish painting 7 such pictures. How many days would Girish take to finish the work?

Question ID : 584189184
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. 28

✓ 2. $37\dfrac{1}{3}$

✗ 3. $39\dfrac{2}{5}$

✗ 4. 32

Q.10 Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

Question ID : 584189241
Status : **Answered**
Chosen Option : **2**

Statements:
1. Use of electronic book reading has increased considerably during the recent times.
2. Printed books are costly.

Conclusions:
I. Nobody reads books nowadays.
II. Electronic book reading is gaining popularity.

Ans ✗ 1. Neither I nor II follows.

✓ 2. Only II follows.

✗ 3. Only I follows.

✗ 4. Both I and II follow.

Q.11 What will be the next number in the series?

2, 5, 11, 23, 47, ?

Question ID : 584189234
Status : **Answered**
Chosen Option : **1**

Ans ✓ 2. 95

✗ 3. 94

✗ 4. 48

✗ 74

Q.12 Which is the longest railway tunnel in India?

Question ID : 584189173
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. Natuwadi Tunnel

✓ 3. Pir Panjal Tunnel

✗ 4. Karbude Tunnel

Q.13 Rama is taller than Geetha. Vimala is taller than Rama but shorter than Meenu. Bindu is taller than Geetha but shorter than Rama.
Who among the given people is the shortest?

Ans
✗ 1. Rama
✗ 2. Bindu
✗ 3. Vimala
✓ 4. Geetha

Q.14 What is a Red Data Book (also called as a Red List)?

Ans
✗ 1. Document detailing highly polluted zones.
✗ 2. Document relating to Seismic zones.
✗ 3. Document relating to drought regions.
✓ 4.
Document detailing rare and endangered species of animals, plants etc.

Q.15 'A' invests Rs.10,000 for 3 years at a certain rate of interest. At the end of the second year, it amounts to Rs.11,664. Calculate the rate of interest per annum, if interest is compounded annually.

Ans
✗ 1. 7.9
✗ 2. 8.5
✗ 3. 8.7
✓ 4. 8.0

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

Ans
✗ 1. 3
✗ 2. 2
✗ 3. 0
✓ 4. 1

Q.17 Where is the National Geophysical Research Institute located?

Ans
✗ 1. Jamshedpur
✓ 2. Hyderabad
✗ 3. Mumbai
✗ 4. Jaipur

Q.18 For which *English County* did Sachin Tendulkar play?

Ans
✗ 1. Lancashire
✗ 2. Essex
✓ 3. Yorkshire
✗ 4. Surrey

Q.19 Which of the following is NOT a plant product?

Ans
✗ 1. Jute
✗ 2. Rubber
✗ 3. Teak
✓ 4. Honey

Q.20 The *second* most abundant element on Earth's crust is:

Ans
✗ 1. Oxygen
✗ 2. Carbon
✓ 3. Silicon

✗ 4. Hydrogen

Q.21 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. 842 minutes

   ✗ 2. 964 minutes

   ✗ 3. 886 minutes

   ✓ 4. 1008 minutes

Q.22 Four terms are in proportion. The first, second and fourth terms are 4, 22, and 33. Find the *third* term.

Ans   ✗ 1. 8

   ✓ 2. 6

   ✗ 3. 11

   ✗ 4. 3

Q.23 Halley's comet appears once in approximately how many years?

Ans   ✗ 1. 84

   ✓ 2. 76

   ✗ 3. 24

   ✗ 4. 48

Q.24 Who won the 2016 Formula-1 Rolex Australian Grand Prix?

Ans   ✗ 1. Lewis Hamilton

   ✗ 2. Sebastian Vettel

   ✓ 3. Nico Rosberg

   ✗ 4. Felipe Massa

Q.25 In how many cities did Maharaja Jai Singh II build Jantar Mantar?

Ans   ✓ 1. Five

   ✗ 2. Three

   ✗ 3. One

   ✗ 4. Two

Q.26 Book : Author :: Furniture : ?

Ans   ✗ 1. :

   ✗ 2. Tools

   ✗ 3. Woodcutter

   ✗ 4. Wood

   ✓ Carpenter

Q.27 What will be the next term in the series?
I, V, X, L, C, D, ?

Ans   ✗ 2. XD

   ✗ 3. CD

   ✗ 4. LX

   ✓ M

Q.28

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.

Ans
1. ✗ I, II and III are sufficient.
2. ✓ Data insufficient. ng in standard 9.
   II.   Sasa's mother drops her first at school and reaches her office
3. ✗ I and II together are sufficient.
4. ✗ II and III together are sufficient. is and 30 minutes by cycle.

Q.29 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. ✗ 280
2. ✗ 155
3. ✓ 465
4. ✗ 215

Question ID : 584189207
Status : Answered
Chosen Option : 2

Q.30 If & means '+', $ means '−', # means '÷' and % means '×', then the value of

8 % 2 & 11 $ 24 & 24 # 6

Ans
1. ✗ −1
2. ✓ 4.5
3. ✗ 92
4. ✗ 7

Question ID : 584189228
Status : Answered
Chosen Option : 4

Q.31 10% of a product's cost price is Rs.1245.80. What would be the selling price if the product is sold at a loss of 15%? (rounded off to the nearest rupee)

Ans
1. ✗ 12,458
2. ✓ 10,589
3. ✗ 14,327
4. ✗ 14,657

Question ID : 584189190
Status : Answered
Chosen Option : 3

Q.32 Ustad Ali Ahmed Hussain Khan, who passed away recently was a famous:

Ans
1. ✗ Santoor Player
2. ✗ Tabla Player
3. ✗ Sarod Player
4. ✓ Shehnai Player

Question ID : 584189141
Status : Not Attempted
Chosen Option : --

Q.33 Hard : Stone :: Soft : ?

Ans
1. ✓ Feather
2. ✗ Shine
3. ✗ Moon
4. ✗ Sand

Question ID : 584189230
Status : Answered
Chosen Option : 1

Q.34 When was the first general elections in independent India held?

Ans
1. ✗ 1950
2. ✓ 1951-52
3. ✗ 1947-48
4. ✗ 1953

Question ID : 584189139
Status : Answered
Chosen Option : 2

Q.35 Who is the current Chief of the Indian Army?

Ans
1. ✗ Arup Raha
2. ✗ Dalbir Singh Suhag
3. ✗ Sunil Lanba

Question ID : 584189166
Status : Answered
Chosen Option : 4

✓ 4. Bipin Rawat

Q.36 160 cycles were sold for Rs.524,000 resulting in a loss of 10%. What was the cost price of a cycle (in Rs.)? (rounded off to the nearest rupee)

Ans ✗ 1. 3275

✓ 2. 3639

✗ 3. 4321

✗ 4. 4763

Question ID : 584189191
Status : **Answered**
Chosen Option : **4**

Q.37 Which Article of our Constitution states that *'the Speaker shall have and exercise a casting vote in the case of an equality of votes'?*

Ans ✗ 1. Article 101

✗ 2. Article 99

✗ 3. Article 97

✓ 4. Article 100

Question ID : 584189140
Status : **Not Attempted**
Chosen Option : **--**

Q.38 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.

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.
III. Surya's sister just turned 15 this year.

Ans ✓ 1. II and III are sufficient.

✗ 2. I, II, III together are needed.

✗ 3. Given data is insufficient.

✗ 4. II alone is sufficient

Question ID : 584189244
Status : **Answered**
Chosen Option : **1**

Q.39 On what day did the Civil Disobedience Movement start?

Ans ✗ 1. 21st May 1931

✗ 2. 10th May 1930

✓ 3. 12th March 1930

✗ 4. 13th March 1931

Question ID : 584189133
Status : **Answered**
Chosen Option : **3**

Q.40 If 2 is denoted by '{', 4 is denoted by '=', 9 is denoted by '*' and 0 is denoted by '+', what is '={+'?

Ans ✓ 1. 4290

✗ 2. 4092

✗ 3. 4209

✗ 4. 9204

Question ID : 584189218
Status : **Answered**
Chosen Option : **1**

Q.41 Which of the following is a tributary of the river Ganga?

Ans ✗ 1. Beas

✓ 2. Gandaki

✗ 3. Tungabhadra

✗ 4. Manas

Question ID : 584189127
Status : **Answered**
Chosen Option : **2**

Q.42 which would be **most** suitable.

For a first time offence by an employee at the factory, the manager can either dismiss the employee, impose a large fine or give a written warning. J, the accountant misappropriated an amount of Rs.1200. This was J's first offence. What should his manager do?

Ans ✗ 1. Terminate J from his job.

✓ 2. Impose a fine of Rs.5 on J.

Question ID : 584189246
Status : **Answered**
Chosen Option : **1**

✗ 3. Call for a meeting and congratulate his behavior.

✗ 4. Call J over the phone and warn him.

Q.43 Where is the Diesel Locomotive Works located?

Ans ✗ 1. Irugur

✗ 2. Chittaranjan

✔ 3. Varanasi

✗ 4. Secunderabad

Question ID : 584189171
Status : **Answered**
Chosen Option : **3**

Q.44 Where was the International Sand Art festival, 2015 held?

Ans ✗ 1. Rushikonda beach, Andhra Pradesh

✔ 2. Chandrabhaga beach, Odisha

✗ 3. Digha beach, West Bengal

✗ 4. Karwar beach, Karnataka

Question ID : 584189124
Status : **Marked For Review**
Chosen Option : **4**

Q.45 Solve:

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

Ans ✗ 1. 3.44

✗ 2. 3.05

✗ 3. 2.95

✔ 4. 3.50

Question ID : 584189177
Status : **Answered**
Chosen Option : **2**

Q.46 Which of the following organisms releases molecular oxygen into water?

Ans ✗ 1. E.coli

✗ 2. Amoeba

✗ 3. Salmonella enterica

✔ 4. Phytoplankton

Question ID : 584189138
Status : **Answered**
Chosen Option : **4**

Q.47 Production of silk originated in:

Ans ✗ 1. Egypt

✔ 2. China

✗ 3. Japan

✗ 4. India

Question ID : 584189151
Status : **Answered**
Chosen Option : **2**

Q.48 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. 24

✗ 2. 27

✔ 3. 18

✗ 4. 36

Question ID : 584189199
Status : **Answered**
Chosen Option : **3**

Q.49 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. 500

✗ 2. 550

✗ 3. 475

✗ 4. 625

Question ID : 584189192
Status : **Answered**
Chosen Option : **1**

Q.50 Find the odd one out:

Ans School, Principal, Teacher, Student.

Question ID : 584189214
Status : **Answered**

1. School ✔
2. Teacher ✘
3. Student ✘
4. Principal ✘

Q.51 Which of the following is an *odd composite number*?

Ans
1. 13 ✘
2. 17 ✘
3. 12 ✘
4. 15 ✔

Question ID : 584189204
Status : **Answered**
Chosen Option : 4

Q.52 **Based on the scenario given, choose the decision from the options which would be <u>most</u> suitable.**

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

Parents should .....

Ans
1. encourage indoor games. ✘
2. not send the kids to school. ✘
3. make playing outdoors compulsory. ✔
4. re-schedule their office hours so they get more time to play with the kids. ✘

Question ID : 584189245
Status : **Answered**
Chosen Option : 3

Q.53 What does RAW stand for?

Ans
1. Regional Aviation Wing ✘
2. Research and Analysis Wing ✔
3. Royal Agency of Warsaw ✘
4. Read After Writing ✘

Question ID : 584189169
Status : **Answered**
Chosen Option : 2

Q.54 What is used to identify users who come back to a webpage?

Ans
1. Cookies ✔
2. Username ✘
3. Cache ✘
4. Password ✘

Question ID : 584189168
Status : **Answered**
Chosen Option : 1

Q.55 Which among the following converts chemical energy to electrical energy?

Ans
1. Motor ✘
2. Dynamo ✘
3. Battery ✔
4. Generator ✘

Question ID : 584189146
Status : **Answered**
Chosen Option : 3

Q.56

Ans
1. Casey Dellacqua / Yaroslava Shvedova ✘
2. Martina Hingis / Sania Mirza ✔
3. Bethanie Mattek-Sands / Elena Vesnina ✘
4. Chan Hao-ching / Chan Yung-jan ✘

Question ID : 584189135
Status : **Answered**
Chosen Option : 2

Q.57

Ans
1. Edward Law ✘
2. Lord William Bentinck ✔
3. Sir Henry Hardinge ✘

Question ID : 584189132
Status : **Answered**
Chosen Option : 2

✗ 4. William Butterworth Bayley

Q.58 The ratio between the length and breadth of a rectangular board is 7:5. If the breadth of the board is 20.5cm, find the length in cm.

Ans ✗ 1. 19.9

✗ 2. 24.3

✓ 3. 28.7

✗ 4. 14.6

Q.59 A trader purchased 132 dozens of mangoes at Rs.475 per dozen and could sell only 125 dozens at Rs.530 per dozen. What is the value of stock of mangoes in hand (in rupees)?

Ans ✓ 1. 3325

✗ 2. 4250

✗ 3. 3710

✗ 4. 4620

Q.60 What would be 10+3-6, if '+' becomes '-' and '-' becomes '×'?

Ans ✗ 1. 42

✓ 2. -8

✗ 3. 8

✗ 4. 78

Q.61 Solve: $(3.2 \times 10^4) \div (2 \times 10^5)$

Ans ✓ 1. $\dfrac{16}{10^2}$

✗ 2. 0.016

✗ 3. 1.6

✗ 4. 1.06

Q.62 What is the program that translates source code into object code called?

Ans ✗ 1. Executor

✓ 2. Compiler

✗ 3. Translator

✗ 4. Interpreter

Q.63 For a trophy, 16 teams participate, numbered 1-16 according to their rankings. In the qualifier matches, the teams face their immediate next lower ranked team. e.g. team-1 plays team-2, team-3 plays team-4 and so on. It has been observed that the lower ranked team always wins. Which two teams might play a semi-final match?

Ans ✓ 1. Team-12 and Team-16

✗ 2. Team-7 and Team-8

✗ 3. Team-2 and Team-4

✗ 4. Team-8 and Team-16

Q.64 A trip from Mumbai to Pune takes 4 hours 30 minutes at a speed of 60 km/hr. How long (in hours) will it take to complete, if the speed is 15m/sec?

Ans ✗ 1. $3\frac{3}{4}$

✓ 2. 5

✗ 3. $4\frac{2}{3}$

✗ 4. 4

Q.65 Look at the below pattern and complete the series:

11 15 22 26 33 37 44 ?

Ans
- ✗ 1. 45
- ✗ 2. 50
- ✗ 3. 55
- ✔ 4. 48

Q.66 '*Great Bear*' is the name of a:

1.

2.

- ✔ 3. Constellation
- ✗ 4. Star

Question ID : 584189160
Status : **Answered**
Chosen Option : **3**

Q.67 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. $- \div + =$
- ✗ 2. $+ = + -$
- ✔ 3. $= \times - +$
- ✗ 4. $+ \times = +$

Question ID : 584189229
Status : **Answered**
Chosen Option : **3**

Q.68 Who is the principal regulatory authority for stock market in India?

Ans
- ✗ 1. RBI (Reserve Bank of India)
- ✗ 2. Supreme Court
- ✔ 3. SEBI (Securities and Exchange Board of India)
- ✗ 4. Finance Ministry

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

Q.69 Which Strait divides India and Sri Lanka?

1.

2.

- ✗ 3. Duncan Passage
- ✔ 4. Palk Strait

Question ID : 584189128
Status : **Answered**
Chosen Option : **4**

Q.70 Who was awarded the first United States patent in 1846 for the modified version of sewing machine?

Ans
- ✔ 1. Elias Howe
- ✗ 2. Alessandro Volta
- ✗ 3. Ernest Rutherford
- ✗ 4. John Napier

Question ID : 584189152
Status : **Not Attempted**
Chosen Option : **--**

Q.71 A cyclist covers a distance of 14 km in 25 minutes. How much distance will he cover in 18 minutes (in km)?

Ans
- ✗ 1. 9.4
- ✗ 2. 9.78
- ✗ 3. 10.26
- ✔ 4. 10.08

Question ID : 584189187
Status : **Answered**
Chosen Option : **4**

Q.72 Which among the below set of colours are generally known as the primary colours of light?

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

Question ID : 584189145
Status : **Answered**
Chosen Option : **2**

Which of the following pollutants in water causes '*Minamata*' disease?

Ans

Question ID : 584189161

✗ 4. Perchlorate

Q.74 The process of converting wet waste to manure is called:

✗ 3. Metabolism
✔ 4. Composting

✗ 4. 18 months

✗ 3. $P(1.05)^2$
✗ 4. $P(1.025)^2$

✔ 3. $300°$
✗ 4. $180°$

Q.78 In ancient times, what was Awadh (Oudh) known as?

✗ 3. Kaushambi
✗ 4. Kashi

✗ 4. 21,12,2,18

Q.80 How many chambers are present in the heart of a fish?

✗ 3. Four
✔ 4. Two

Q.81
Ans

- ✗ 1. Salmonella
- ✓ 2. Methyl Mercury
- ✗ 3. Lead

1.

2.

Q.75 Find the period when simple interest on Rs.4000 at 6% per annum will be Rs.400.
Ans

- ✓ 1. 20 months
- ✗ 2. 22 months
- ✗ 3. 14 months

Q.76 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. $P(1.025)^4$
- ✗ 2. $P(1.1)$

Q.77 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. $275°$

1.

2.

Q.79 What series of alphabet place values will be proper to write the word LOAN?
Ans

- ✗ 1. 13,16,1,12
- ✗ 2. 12,14,1,15
- ✓ 3. 12,15,1,14

1.

2.

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

- ✓ 1. 25

✗ 2. 28
✗ 3. 24
✗ 4. 21

✗ 3. 9
✓ 4. 3

Q.83 Who was the owner of 'Gujarat Lions' in IPL 2016?

✗ 3. Suresh Raina
✗ 4. Subrato Roy

✗ 3. South
✓ 4. North

✗ 3. OTOR
✗ 4. DESE

✗ 3. $4\dfrac{1}{4}$
✓ 4. $4\dfrac{4}{9}$

✗ 4. 8

Q.88 Who patented the three-position traffic signal in 1923?

Q.82 Hira decides to pack 165 mangoes in boxes that can hold 18 each. She decided to carry only fully filled mango boxes and give away the rest. Find how many mangoes Hira will give away.

Ans
  ✗ 3. George Eastman
  ✗ 1. 7
  ✗ 4. Robert Adler
  ✗ 2. 13

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

1.

2.

Question ID : 584189142
Status : **Not Attempted**
Chosen Option : **--**

Q.84 Shipra set out to her grandmother's home. She leaves her house and first took a left turn. Then she took a right turn and a right and a left and a right and was standing in front of her grandmother's door entrance. If Shipra's house is facing East, what direction is her grandmother's home facing?

Ans
  ✗ 1. East
  ✗ 2. West

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

Q.85 Rearrange the jumbled letters to make a meaningful English word and then select the word which is different from the rest.

Ans
  ✔ 1. OHOT
  ✗ 2. ETRE

Question ID : 584189242
Status : **Answered**
Chosen Option : **1**

Q.86 'K' can do $3/4^{th}$ of a work in 6 days and 'J' can do $2/5^{th}$ of the same work in 4 days. How long (in days) will they take, if they work together to finish the work?

Ans
  ✗ 1. $4\dfrac{2}{3}$

  2. $4\dfrac{3}{8}$

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

Q.87 The LCM of two numbers is 40 times its HCF. If the product of the numbers is 1440, find their HCF.

Ans
  ✔ 1. 6
  ✗ 2. 12
  ✗ 3. 15

Question ID : 584189181
Status : **Answered**
Chosen Option : **1**

1.

2.

Question ID : 584189153
Status : **Not Attempted**
Chosen Option : **--**

Q.89 Which State in India was the largest sugarcane producer (2015-16)?

Ans
- ✔ 1. Uttar Pradesh
- ✘ 2. Karnataka
- ✘ 3. Maharashtra
- ✘ 4. Tamil Nadu

- ✘ 4. 1958

- ✔ 3. $÷*×@-!
- ✘ 4. $×@-!×*

Q.92 Find the number which does NOT belong to the group:

101, 242, 363, 484

- ✘ 3. 363
- ✔ 4. 101

Q.93 Unicode provides:

- ✘ 3. Codes for English language characters
- ✔ 4. Unique code for every character of every language

Q.94 Inch : Foot :: Meter : ?

- ✘ 3. Centimeter
- ✘ 4. Kilogram

- ✘ 3. There are only 12 males in the party.
- ✘ 4. There are 22 females in the party.

Q.96

Q.90 In which year was Goa given the option of merging with the state of Maharashtra?

Ans ✗ 1. 1963

✓ 2. 1967

✗ 3. 1959

Q.91 If '*' represents 12, '@' represents 48, '$' represents 24, and '!' represents 6, then what mathematical equation below will be equal to 90?

Ans ✗ 1. *+$÷@-!

✗ 2. *÷!+$×@

1.

2.

1.

2.

1.

2.

Q.95 In a party, every couple has at least one child (all minors) with them and there are 12 couples. Which one of the following inferences would be possible?

Ans ✗ 1. There are a minimum of 24 males in the party.

✓ 2. There are a minimum of 36 people in the party.

The heights of 240 students of a school is tabulated below:

Ans ✗ 1. 150

✔ i) 168

Height	<100	<110	<120	<130	<140	<150
Students	12	30	65	180	218	240

✗ 3) 180
✗ 4) 192

Q.97 GPS stands for ents are of the height <130cms, but >100cms?

Ans ✗ 1. Global Prime System

✗ 2. Global Peace Summit

✗ 3. Global Postal System

✔ 4. Global Positioning System

Question ID : 584189158
Status : Answered
Chosen Option : 4

Q.98 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. Profit 4.7%

✗ 2. Loss 4.8%

✗ 3. Loss 5.1%

✗ 4. Profit 5.3%

Question ID : 584189202
Status : Answered
Chosen Option : 1

Q.99 A rectangular water reservoir contains 42,000 litres of water. Find the depth of water in the reservoir, if the base measures 6m by 3.5m.

Ans ✗ 1. 1 m

✗ 2. 2.5 m

✗ 3. 3 m

✔ 4. 2 m

Question ID : 584189198
Status : Answered
Chosen Option : 4

Q.100 Simplify: $(a^{-1} + b^{-1}) \div (a^{-2} - b^{-2})$

Ans ✔ 1. $\dfrac{ab}{b - a}$

✗ 2. $\dfrac{a + b}{ab}$

✗ 3. $\dfrac{ab}{a - b}$

✗ 4. $\dfrac{a}{b}$

Question ID : 584189194
Status : Answered
Chosen Option : 3

Q.101 The Kailasanathar temple at Kanchipuram was built during the rule of:

Ans ✗ 1. Pandyas

✗ 2. Cholas

✔ 3. Pallavas

✗ 4. Cheras

Question ID : 584189131
Status : Not Attempted
Chosen Option : --

Q.102 Who was the President of the 'Independence for India league' formed in 1928?

Ans ✗ 1. Rash Behari Bose

✗ 2. Jawaharlal Nehru

✔ 3. Srinivasa Iyengar

✗ 4. Subhas Chandra Bose

Question ID : 584189154
Status : Answered
Chosen Option : 1

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 : 103

Q.1 What was the percentage increase of land under cultivation in Punjab in
03 the year 2013 as against 2011?

Ans ✔ 1. 20

✘ 2. 16.36

✘ 3. 25.8

✘ 4. 22.33

Question ID : 584189225

Status : Answered

Chosen Option : 1

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 : 104

Q.1 What is the difference in total cultivated land in all the 3 years put
04 together between Maharashtra and Madhya Pradesh (in lakh hectares)?

Ans ✘ 1. 135

✘ 2. 34

✔ 3. 190

✘ 4. 174

Question ID : 584189227

Status : Answered

Chosen Option : 3

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 : 105

Q.1 How much more was the cultivated land in Uttar Pradesh compared to
05 Rajasthan in 2012 (in lakh hectares)?

Ans ✘ 1. 35

✔ 2. 117

✘ 3. 113

✘ 4. 58

Question ID : 584189226

Status : Answered

Chosen Option : 2

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 : 106

Q.1 06 How many like both Science and Mathematics?

✗ 3. 13
✗ 4. 12

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 : 107

Q.1 07 How many like only Science?

✓ 3. 26
✗ 4. 19

✗ 3. HMBFX
✗ 4. WBQUN

✗ 3. 0.75
✗ 4. 0.40

✗ 3. 2016-17
✗ 4. 2018-19

✗ 3. <1.8
✗ 4. $3.4 < x < 5.2$

Q.112

Ans

1.

2.

1.

2.

Q.108 In a certain code if AKBAR is written as CMDCT, how will JODHA be written?

Ans ✗ 1. LMGJX

✔ 2. LQFJC

Q.109 In a general survey of 832 people, it was found that 624 owned a car. If a person is selected randomly, what is the probability that the person will not be an owner of a car?

Ans ✗ 1. 1.33

✔ 2. 0.25

Q.110 From when is the proposed merger of our Railway budget with the General budget supposed to take place?

Ans ✔ 1. 2017-18

✗ 2. Not approved yet

Q.111 Given the sides of a triangle as 3.4 cm and 5.2 cm, what can be the length of the third side (x) in cm?

Ans ✔ 1. $1.8 < x < 8.6$

✗ 2. >8.6

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.

✗ 1. 1280

✔ 2. 1370

✗ 3. 840

✗ 4. 1325

Comprehension:

A family has the following people and their relationships are mentioned.

Read the data carefully and answer the questions that follow:

'A' is 'B''s sister.

'C' is 'D''s brother.

'E' is 'F''s father.

'G' is 'H''s mother.

'F' is 'D''s sister.

'C' is 'G''s son.

'B' is 'C''s daughter.

'C' is married to 'J'

SubQuestion No : 113

Q.1 13 How many female members are there in the family?

Ans ✓ 1. Minimum 5

✗ 2. 5

✗ 3. 6

✗ 4. Maximum 6

Question ID : 584189239

Status : Answered

Chosen Option : 1

Comprehension:

A family has the following people and their relationships are mentioned.

Read the data carefully and answer the questions that follow:

'A' is 'B''s sister.

'C' is 'D''s brother.

'E' is 'F''s father.

'G' is 'H''s mother.

'F' is 'D''s sister.

'C' is 'G''s son.

'B' is 'C''s daughter.

'C' is married to 'J'

SubQuestion No : 114

Q.1 14 How is 'D' related to 'B'

Ans ✗ 1. Paternal uncle

✗ 2. Paternal aunt

✗ 3. Brother

✓ 4. Cannot be determined

Question ID : 584189237

Status : Answered

Chosen Option : 4

Comprehension:

A family has the following people and their relationships are mentioned.

Read the data carefully and answer the questions that follow:

'A' is 'B''s sister.

'C' is 'D''s brother.

'E' is 'F''s father.

'G' is 'H''s mother.

'F' is 'D''s sister.

'C' is 'G''s son.

'B' is 'C''s daughter.

'C' is married to 'J'

SubQuestion No : 115

Q.1 15 How is 'B' related to 'E'?

Ans ✗ 1. Grandson

Question ID : 584189238

Status : Answered

✗ 2. Daughter

✔ 3. Granddaughter

✗ 4. Son

Q.61 Below are given statements followed by some conclusions. You have to
take the given statements to be true even if they seem to be at variance
with the commonly known facts and then decide which of the given
conclusions logically follow(s) from the given statements.

Statements:
1. All dogs are cats.
2. No cats are rats.

Conclusions:
I. All rats are dogs.
II. Some dogs are rats.

Ans ✗ 1. Both I and II follow.

✗ 2. Only I follows.

✔ 3. Neither I nor II follows.

✗ 4. Only II follows.

Q.71 1

1.

2.

✗ 3. 0

✔ 4. $\cot^2\theta - 1$

Q.118 Which of the following received the World heritage tag by UNESCO in 2016?

Ans ✗ 1. Mountain Railways of India

✗ 2. Western Ghats

✔ 3. Khangchendzonga National Park

✗ 4. Chhatrapati Shivaji Terminus,Mumbai

Q.119 What is the method of taxing wherein there is an increase in tax rate as taxable amount increases?

Ans ✗ 1. Aggressive tax

✗ 2. Digressive tax

✔ 3. Progressive tax

✗ 4. Regressive tax

Q.120 Complete the alphabetical series choosing the most appropriate option given below.
U, O, Y, E, A

Ans ✗ 1. B

✗ 2. T

✗ 3. C

✔ 4. I