RRB NTPC 29th March 2016 Shift 1

Test Date:	29/03/2016
Test Time:	9:00 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

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Q.1 Find the odd one out : **Chicken pox, Rubella, Flu, Meningitis**

　　A. Chicken pox
　　B. Rubella
　　C. Flu
　　D. Meningitis

Question ID : 988837296
Status : **Answered**
Chosen Option : **3**

Ans　❌ 1. A

　　❌ 2. B

　　✅ 3. D

　　❌ 4. C

Q.2 If **a = ×, b = ÷ and c = +**, find the value of **7a5c1b6**

　　A. 4
　　B. 6
　　C. 5/3
　　D. 7

Question ID : 988837283
Status : **Answered**
Chosen Option : **2**

Ans　❌ 1. D

　　✅ 2. B

　　❌ 3. C

　　❌ 4. A

Q.3 Din-i-llahi was promoted by

　　A. Babur
　　B. Bahadur Shah
　　C. Akbar
　　D. Humayun

Question ID : 988837218
Status : **Answered**
Chosen Option : **1**

Ans　✅ 1. C

　　❌ 2. D

　　❌ 3. B

　　❌ 4. A

Q.4 At a telephone exchange, three phones ring at intervals of 20 sec, 24 sec and 30 seconds. If they ring together at 11:25 a.m, when will they next ring together?

　　A. 11:29 a.m.
　　B. 11:27 a.m.
　　C. 11:51 a.m.
　　D. 12:29 p.m.

Question ID : 988837253
Status : **Answered**
Chosen Option : **4**

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Comprehension:

The below table gives rice production in each year. Read and answer the following questions.

Year	Production in tons
2005	325
2006	438
2007	429
2008	258
2009	495

SubQuestion No : 5

Q.5 What is the increased percentage of production in 2009 compared to year 2005?

A. 38.1%
B. 29.2%
C. 52.3%
D. 46.3%

Ans ✗ 1. A

✓ 2. C

✗ 3. B

✗ 4. D

Comprehension:

The below table gives rice production in each year. Read and answer the following questions.

Year	Production in tons
2005	325
2006	438
2007	429
2008	258
2009	495

SubQuestion No : 6

Q.6 What was the average production of rice in the period 2005-2009?

A. 378
B. 389
C. 399
D. 412

Ans ✗ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

Comprehension:

The below table gives rice production in each year. Read and answer the following questions.

Year	Production in tons
2005	325
2006	438
2007	429
2008	258
2009	495

SubQuestion No : 7

Q.7 What was the decline in production in year 2008 compared to 2007?

A. 40%
B. 51%
C. 67%
D. 45%

Ans ✗ 1. D

✔ 2. A

✗ 3. C

✗ 4. B

Q.8 In which year was RBI nationalized?

A. 1969
B. 1947
C. 1949
D. 1974

Ans ✗ 1. D

✗ 2. B

✗ 3. A

✔ 4. C

Q.9 If ! = ÷, # = +, ^ = ×, the calculate the value of **32!4^7#5**

A. 58
B. 61
C. 64
D. 55

Ans ✗ 1. D

✗ 2. C

✔ 3. B

✗ 4. A

Q.10 Which is the largest fresh water lake in the World?

A. Lake Victoria
B. Lake Erie
C. Lake Superior
D. Lake Ontario

Ans ✗ 1. D

✗ 2. B

✔ 3. C

✗ 4. A

Q.11 Which of the following is the name of a medieval Indian book on mathematics?

    A. Vastushastra
    B. Leelavati
    C. Panchadashi
    D. Roopmati

Ans ✗ 1. A

    ✔ 2. B

    ✗ 3. C

    ✗ 4. D

Comprehension:

Read the following information and answer the following questions below.

Bindu is standing exactly in the middle of a line of girls.

Asha is 6th to the left of Bindu and Ritu is 16th to Bindu's right.

SubQuestion No : 12

Q.12 What is Asha's position in the line?

    A. 22
    B. 12
    C. 18
    D. 11

Ans ✗ 1. A

    ✔ 2. D

    ✗ 3. B

    ✗ 4. C

Comprehension:

Read the following information and answer the following questions below.

Bindu is standing exactly in the middle of a line of girls.

Asha is 6th to the left of Bindu and Ritu is 16th to Bindu's right.

SubQuestion No : 13

Q.13 What should be the minimum number of girls in the line?

    A. 22
    B. 28
    C. 33
    D. 32

Ans ✗ 1. B

    ✗ 2. A

    ✔ 3. C

    ✗ 4. D

Comprehension:

Read the following information and answer the following questions below.

Bindu is standing exactly in the middle of a line of girls.

Asha is 6th to the left of Bindu and Ritu is 16th to Bindu's right.

SubQuestion No : 14

Q.14

What is Bindu's position in the line?

    A. 11
    B. 14
    C. 16
    D. 17

Ans ✗ 1. C

    ✗ 2. B

    ✓ 3. D

    ✗ 4. A

Q.15 Which of the following is reared for its fleece/fiber?

    A. Alpaca
    B. Alabama
    C. Apache
    D. Alluvial

Question ID : 988837222

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. D

    ✗ 2. C

    ✗ 3. B

    ✓ 4. A

Q.16 Fill in the blanks: sinA =_____ × cos A

    A. sin A
    B. tan A
    C. cot A
    D. cos A

Question ID : 988837264

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

    ✗ 2. D

    ✗ 3. A

    ✓ 4. B

Q.17 From where was Mangalyaan launched?

    A. Chennai
    B. Sriharikota
    C. Trombay
    D. Gopalpur, on sea

Question ID : 988837231

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

    ✗ 2. D

    ✓ 3. B

    ✗ 4. C

Q.18 What is the technology used in a compact disc?

    A. Electrical
    B. Laser
    C. Electro magnetic
    D. Aeronautical

Question ID : 988837219

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

    ✗ 2. A

    ✗ 3. C

✔ 4. B

Q.19 Where was paper invented?

A. China
B. India
C. Zambia
D. Germany

Ans ✘ 1. B

✔ 2. A

✘ 3. C

✘ 4. D

Q.20 Which revolutionary took his own life?

A. Khudiram Bose
B. Rash Behari Bose
C. Bhagat Singh
D. Chandrashekhar Azad

Ans ✘ 1. A

✔ 2. D

✘ 3. B

✘ 4. C

Q.21 Azhar can complete a journey in 10 hours. He travels the first half of the journey at a speed of 21km/hr. and the balance at 24km/hr. Find the total distance in km?

A. 234
B. 225
C. 224
D. 232

Ans ✘ 1. B

✘ 2. A

✔ 3. C

✘ 4. D

Q.22 Where in the human body can you find the islets of Langerhans?

A. Small intestine
B. Pancreas
C. Stomach
D. Heart

Ans ✘ 1. A

✘ 2. C

✔ 3. B

✘ 4. D

Q.23 Pollination by wind is called?

A. Hydrophily
B. Pollinophily
C. Anemophily
D. Herbophily

Ans ✘ 1. A

✘ 2. B

✘ 3. D

✔ 4. C

Q.24 Who wrote the National song of India?

    A. Rabindranath Tagore
    B. Bankim Chandra Chatterjee
    C. Mohammed Iqbal
    D. Chitragupta

Ans ✔ 1. B

    ✘ 2. C

    ✘ 3. D

    ✘ 4. A

Q.25 Name the official language of Brazil?

    A. Portuguese
    B. German
    C. Italian
    D. Brazilian

Ans ✔ 1. A

    ✘ 2. C

    ✘ 3. B

    ✘ 4. D

Q.26 Where can you find the Kunchikal waterfalls?

    A. Kerala
    B. Karnataka
    C. Andhra Pradesh
    D. Telangana

Ans ✔ 1. B

    ✘ 2. D

    ✘ 3. A

    ✘ 4. C

Q.27 What is the minimum age for getting elected to the Lok Sabha?

    A. 18
    B. 21
    C. 16
    D. 25

Ans ✘ 1. A

    ✔ 2. D

    ✘ 3. C

    ✘ 4. B

Q.28 'Queensberry rules' is the code followed in which sport?

    A. Tennis
    B. Cricket
    C. Boxing
    D. Equestrian

Ans ✘ 1. B

✔ 2. C

✘ 3. A

✘ 4. D

Q.29 Which of the following is the currency of Thailand?

A. Rupee
B. Ringgit
C. Baht
D. Yuan

Question ID : **988837228**

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. D

✘ 2. A

✘ 3. B

✔ 4. C

Q.30 Which is the only organ in the human body that can regrow/regenerate?

A. Spleen
B. Brain
C. Liver
D. Pancreas

Question ID : **988837210**

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. D

✘ 2. A

✘ 3. B

✔ 4. C

Q.31 Smita can finish a work in 12 days and Sam can finish the same work in 9 days. After working together for 4 days they both leave the job. What is the fraction of unfinished work?

A. 1/2
B. 7/9
C. 2/9
D. 1/4

Question ID : **988837272**

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. B

✘ 2. A

✘ 3. D

✔ 4. C

Q.32 A points to B and says to a lady C "His mother is the only daughter of your father". If so, how is C related to B?

A. Mother
B. Daughter
C. Grandmother
D. Son

Question ID : **988837290**

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. C

✘ 2. D

✔ 3. A

✘ 4. B

Q.33 If x is a prime number, LCM of x and its successive number would be

A. x
B. x+1
C. x (x+1)
D. $\frac{x}{x+1}$

Question ID : **988837257**

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

Q.34

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.

Statements:

1) Some kids are clever.
2) Some kids are players.

Conclusion:

I.   Some players are clever
II. Some clever kids are players.

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

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follows
D. Neither conclusion I nor II follows

Ans   ✗ 1. D

  ✓ 2. C

  ✗ 3. B

  ✗ 4. A

Q.35 Find the value of : $\dfrac{(0.0112-0.0012)\,of\ 0.14+0.25\times0.2}{0.02\times0.01}$

A. 257
B. 25.7
C. 2.57
D. 0.0257

Ans   ✗ 1. B

  ✗ 2. C

  ✗ 3. D

  ✓ 4. A

Q.36 Which of the following gases are responsible for the greenhouse gas effect on Earth?

A. Water Vapour and Carbon dioxide
B. Carbon dioxide and Nitrogen
C. Carbon dioxide and Methane
D. Ozone and Methane

Ans 1. B

  2. D

  3. C

  4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.37 If $\triangle\circ=52$, $\square\#=43$ what is $\#\triangle\square$?

A. 523
B. 243
C. 432
D. 354

Ans   ✗ 1. C

  ✗ 2. B

  ✗ 3. A

  ✓ 4. D

Q.38 If $1/4^{th}$ of the wall is painted blue, 1/2 is painted yellow and remaining 3 m is painted white, what is the length of the wall?

A. 10
B. 8
C. 16
D. 12

Ans   ✓ 1. D

  ✗ 2. A

  ✗ 3. C

  ✗ 4. B

Q.39

In a certain code language, North=West, South=East, East=North, which direction does the sun rise?

A. East
B. West
C. North
D. South

Ans ✓ 1. C

✗ 2. B

✗ 3. A

✗ 4. D

Q.40 Who was the last Mughal Emperor?

A. Babur
B. Jehangir
C. Akbar
D. Bahadur Shah

Ans ✓ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

Q.41 Who was the first to score a perfect 10 in Olympics in gymnastics?

A. Nadia Comaneci
B. Daniela Silivas
C. Alexander Dityatin
D. Mary Lou Retton

Ans ✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.42 Geetha weighs 11.235 kg. Her sister weighs 1.4 times her weight. Find their combined weight?

A. 15.729 kg.
B. 25.964 kg.
C. 26.964 kg.
D. 26.946 kg.

Ans ✗ 1. A

✓ 2. C

✗ 3. B

✗ 4. D

Q.43 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.

Statements:
1) Because of motor vehicles like cars, pollution has increased manifold.
2) Respiratory diseases are increasing due to pollution.

Conclusions:
I.   If cars were not there pollution would be nil.
II.   Doctors earn a lot due to pollution.

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

A. Either I or II follow
B. Neither I nor II follow
C. Only conclusion I follows
D. Only conclusion II follows

Ans ✗ 1. D

✓ 2. B

✗ 3. C

✗ 4. A

Q.44

Sita told her friend Gita "I am leaving today and will reach Mumbai tomorrow for my exams starting the day after tomorrow, which is Friday". What day is tomorrow in this conversation?

A. Wednesday
B. Thursday
C. Tuesday
D. Saturday

Chosen Option : 4

Ans   ✗ 1. D

   ✗ 2. A

   ✗ 3. C

   ✔ 4. B

Q.45 A deep crack in a glacier is called

   A. A crevice
   B. A crevasse
   C. A crack
   D. A cleft

Ans   ✗ 1. A

   ✔ 2. B

   ✗ 3. D

   ✗ 4. C

Question ID : 988837225
Status : **Not Attempted**
Chosen Option : **--**

Q.46 If angles of a quadrilateral are in the ratio 3:5:9:13, find the largest angle?

   A. 165
   B. 180
   C. 156
   D. 190

Ans   ✗ 1. D

   ✔ 2. C

   ✗ 3. B

   ✗ 4. A

Question ID : 988837247
Status : **Answered**
Chosen Option : **2**

Q.47 Headquarters of UNESCO is located at

   A. Moscow
   B. New York
   C. London
   D. Paris

Ans   ✗ 1. B

   ✗ 2. A

   ✔ 3. D

   ✗ 4. C

Question ID : 988837243
Status : **Answered**
Chosen Option : **3**

Q.48 Madhubani painting style is native to which state?

   A. Orissa
   B. Andhra Pradesh
   C. Bihar
   D. Madhya Pradesh

Ans   ✔ 1. C

   ✗ 2. D

   ✗ 3. A

   ✗ 4. B

Question ID : 988837242
Status : **Answered**
Chosen Option : **1**

Q.49

Question ID : 988837261

If cost price of 5 cars is equal to selling price of 4 cars. Find the percentage of profit or loss?

A. 10% Profit
B. 10% Loss
C. 25% Profit
D. 25% Loss

Ans ✔ 1. C

✘ 2. D

✘ 3. A

✘ 4. B

Q.50 What smallest number should be added to the sum of squares of 15 and 14, so that the resulting number is a perfect square?

A. 17
B. 20
C. 11
D. 9

Ans ✘ 1. A

✘ 2. C

✘ 3. D

✔ 4. B

Q.51 'E' is related to 'BH' in the same way as 'N' is related to?

A. IP
B. KQ
C. LP
D. KR

Ans ✘ 1. C

✘ 2. A

✘ 3. D

✔ 4. B

Q.52 Find the mean of the first 6 prime numbers?

A. 14/3
B. 3
C. 41/6
D. 13/2

Ans ✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

Q.53 The perimeter of a triangle is 28cm. If the length is 5/2 times its breadth, find the length and breadth of the triangle.

A. 9 & 5
B. 10 & 4
C. 6 & 7
D. 11 & 3

Ans ✘ 1. D

✘ 2. C

✘ 3. A

✔ 4. B

Q.54 The sum of two digits of a number is 10. If the digits are interchanged, then its value increases by 18. Find the number.

A. 46
B. 64
C. 19
D. 28

Ans ✘ 1. D

✔ 2. A

✘ 3. C

✗ 4. B

Q.55 Which of the following is always present in organic compounds?

A. Carbon
B. Nitrogen
C. Sulphur
D. Potassium

Question ID : 988837238

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. A

✗ 2. C

✗ 3. D

✗ 4. B

Q.56 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.

Statements:
1. Health insurance in India caters only to rich.
2. Health insurance sector should be regulated.

Conclusion
I. Health insurance sector should be nationalized
II. Health insurance is not required for the poor.

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

A. Neither I nor II follow
B. Only conclusion I follows
C. Either I or II follow
D. Only conclusion II follows

Question ID : 988837307

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. B

✗ 2. C

✔ 3. A

✗ 4. D

Q.57 If $COW \div CW = 13$, what might be the value of COW?

A. 272
B. 195
C. 323
D. 387

Question ID : 988837279

Status : **Not Attempted**

Chosen Option : **--**

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.58 Where is the Island of Seychelles located?

A. Indian Ocean
B. Pacific Ocean
C. Atlantic Ocean
D. The Southern Ocean

Question ID : 988837211

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

✗ 2. C

✔ 3. A

✗ 4. B

Q.59 In an equilateral triangle ABC, D, E, F are the mid points of AB, BC and AC respectively. The quadrilateral BEFD is a

A. Square
B. Rectangle
C. Parallelogram
D. Rhombus

Question ID : 988837248

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

✗ 2. A

✗ 3. D

✔ 4. C

Q.60 Where is the headquarters of Interpol located?

    A. Paris
    B. London
    C. Lyon
    D. Brussels

Ans ✘ 1. A

    ✔ 2. C

    ✘ 3. B

    ✘ 4. D

Q.61 The ratio between the weights of gold and silver in an alloy is 17:3. If the weight of silver in the alloy is 2.7gm, find the weight of gold in the alloy?

    A. 12.6 gm
    B. 15.3 gm
    C. 18 gm
    D. 21.2 gm

Ans ✔ 1. B

    ✘ 2. A

    ✘ 3. C

    ✘ 4. D

Q.62 Which is the largest non-polar desert in the World?

    A. Kalahari
    B. Gobi
    C. Sahara
    D. Great Australian

Ans ✘ 1. B

    ✘ 2. D

    ✘ 3. A

    ✔ 4. C

Q.63 Which single discount will be equal to two successive discounts of 12% and 5%?

    A. 17%
    B. 8.5%
    C. 16.4%
    D. 15.2%

Ans ✘ 1. D

    ✘ 2. A

    ✘ 3. B

    ✔ 4. C

Q.64 Jimmy Wales and Larry Sanger are associated with?

    A. Wikipedia
    B. Google
    C. Whatsapp
    D. Facebook

Ans ✘ 1. B

    ✔ 2. A

    ✘ 3. C

    ✘ 4. D

Q.65 What comes next in the series?

B, D, H, N?

    A. V
    B. P
    C. S
    D. W

Ans ✔ 1. A

    ✘ 2. D

    ✘ 3. C

    ✘ 4. B

Q.66 Which of the following is called Aurum?

    A. Bronze
    B. Gold
    C. Silver
    D. Copper

Ans ✘ 1. A

    ✔ 2. B

    ✘ 3. D

    ✘ 4. C

Q.67 **CAT : MOUSE as SNAKE:**

    A. Reptile
    B. Mongoose
    C. Hole
    D. Poison

Ans ✔ 1. B

    ✘ 2. D

    ✘ 3. A

    ✘ 4. C

Q.68 Divide 13,680 in three parts such that 1st part is $3/5^{th}$ of the third part and the ratio between 2nd and 3rd part is 4:7. How much is the first part?

    A. 3780
    B. 6300
    C. 3600
    D. 4800

Ans ✘ 1. B

    ✔ 2. A

    ✘ 3. D

    ✘ 4. C

Q.69 Punched card is also called

    A. Hollerith card
    B. Video card
    C. Sound card
    D. Accelerator card

Ans ✘ 1. B

    ✘ 2. C

    ✔ 3. A

    ✘ 4. D

Q.70 In a camp 180 students had ration for 20 days. How many students should leave the camp if the ration should last for 25 days?

A. 36
B. 24
C. 28
D. 40

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Q.71 World environment day is observed on

A. February 28
B. May 16
C. June 05
D. September 12

Ans ✘ 1. B

✘ 2. A

✔ 3. C

✘ 4. D

Q.72 Simplify $\sqrt{50} + \sqrt{18} - \sqrt{8}$

A. $8\sqrt{2}$
B. $7\sqrt{2}$
C. $6\sqrt{2}$
D. $5\sqrt{2}$

Ans ✘ 1. A

✔ 2. C

✘ 3. D

✘ 4. B

Q.73 If $1 = 2, 3 = 6, 4 = 8$, and $+ = -$, what would be the value of $41 + 34 + 13 =?$

A. -88
B. 88
C. 12
D. -12

Ans ✔ 1. D

✘ 2. B

✘ 3. A

✘ 4. C

Q.74 If A's sister's husband is B's mother-in-law's son-in-law, how is A related to B?

A. Father
B. Father-in-law
C. Brother-in-law
D. Husband

Ans ✘ 1. A

✘ 2. B

✔ 3. D

✘ 4. C

Comprehension:

Read the following information and answer the following questions below.

In a class of 90 students, 80 students like burger or pizza.

62 like burger and 56 like pizza.

SubQuestion No : 75

Q.75 How many like neither burger nor pizza?

A. 10
B. 28
C. 16
D. 14

Ans ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Comprehension:

Read the following information and answer the following questions below.

In a class of 90 students, 80 students like burger or pizza.

62 like burger and 56 like pizza.

SubQuestion No : 76

Q.76 How many like both burger and pizza?

A. 24
B. 38
C. 32
D. 18

Ans ✗ 1. C

✗ 2. D

✗ 3. A

✔ 4. B

Comprehension:

Read the following information and answer the following questions below.

In a class of 90 students, 80 students like burger or pizza.

62 like burger and 56 like pizza.

SubQuestion No : 77

Q.77 How many don't like burger?

A. 18
B. 28
C. 38
D. 48

Ans ✗ 1. A

✗ 2. D

✔ 3. B

✗ 4. C

Q.78

If **SUN=108**, **MOON=114** what is **STAR=?**

    A. 120
    B. 116
    C. 122
    D. 128

Ans ✗ 1. D

    ✗ 2. A

    ✗ 3. C

    ✔ 4. B

Q.79 With which sport is the term 'Tee' connected?

Question ID : **988837214**
Status : **Answered**
Chosen Option : **2**

    A. Hockey
    B. Polo
    C. Golf
    D. Badminton

Ans ✗ 1. D

    ✔ 2. C

    ✗ 3. B

    ✗ 4. A

Q.80 The average age of 27 students of a class is 22. If the age of the teacher is also added to their ages, then the average increases by one. Find the age of the teacher.

Question ID : **988837258**
Status : **Answered**
Chosen Option : **1**

    A. 42
    B. 48
    C. 50
    D. 52

Ans ✔ 1. C

    ✗ 2. A

    ✗ 3. D

    ✗ 4. B

Q.81 Who is called the Frontier Gandhi?

Question ID : **988837209**
Status : **Answered**
Chosen Option : **1**

    A. Muhammad Ali Jinnah
    B. Mahatma Gandhi
    C. Khan Abdul Ghaffar Khan
    D. Bal Gangadhar Tilak

Ans ✔ 1. C

    ✗ 2. A

    ✗ 3. D

    ✗ 4. B

Q.82 Simplify $\frac{81x^2-49y^2}{9x+7y}$

Question ID : **988837262**
Status : **Answered**
Chosen Option : **3**

    A. 9x+7y
    B. 9x-7y
    C. 9x
    D. 7y

Ans ✗ 1. C

    ✗ 2. A

    ✔ 3. B

    ✗ 4. D

Q.83 Find the value of $\sin^2 30 \cos^2 45 + 4\tan^2 30 + (1/2)\sin^2 90 - 2\cos^2 90 + 1/24$

A. 3
B. 4
C. 2
D. 1

Ans ✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

Question ID : 988837263

Status : **Answered**

Chosen Option : 2

Q.84 Which number will fit in '?' place in the following series?

2, ?, 12, 20, 30, 42

A. 2
B. 4
C. 6
D. 8

Ans ✗ 1. D

✓ 2. C

✗ 3. A

✗ 4. B

Question ID : 988837278

Status : **Answered**

Chosen Option : 2

Q.85 Granite is an example of

A. Metamorphic rock
B. Sedimentary rock
C. Igneous rock
D. Artificial stone

Ans ✓ 1. C

✗ 2. B

✗ 3. A

✗ 4. D

Question ID : 988837212

Status : **Answered**

Chosen Option : 1

Q.86 What did Edward Jenner pioneer?

A. Vaccination
B. Electrocution
C. Dialysis
D. Open heart surgery

Ans ✗ 1. C

✗ 2. D

✓ 3. A

✗ 4. B

Question ID : 988837234

Status : **Answered**

Chosen Option : 3

Q.87 The runs scored by two batsmen over 7 matches are given below. Which batsman's average was better?

| Batsman 1 | 42 | 51 | 09 | 78 | 63 | 20 | 12 |
| Batsman 2 | 30 | 22 | 91 | 76 | 84 | 11 | 07 |

A. Batsman 1 - 39.3
B. Batsman 1 - 45.9
C. Batsman 1 - 43.2
D. Batsman 2 - 45.9

Ans ✗ 1. A

Question ID : 988837276

Status : **Answered**

Chosen Option : 2

✔ 2. D
✘ 3. C
✘ 4. B

Q.88 Which of the following is a land locked country?

A. Azerbaijan
B. Kazakhstan
C. Pakistan
D. Bangladesh

Ans ✘ 1. A
✔ 2. B
✘ 3. D
✘ 4. C

Q.89 After allowing a discount of 20% on Marked price Kishore makes a profit of 12%. What percentage is the Marked price above the Cost price?

A. 40%
B. 32%
C. 25%
D. 8%

Ans ✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

Q.90 Which Indian king used naval power to conquer parts of East Asia?

A. Akbar
B. Krishna deva Raya
C. Rajendra Chola
D. Shivaji

Ans ✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

Q.91 Which number will fit both the series of numbers?

Series A: 1, 4, 9... Series B: 1, 8, 27...

A. 42
B. 36
C. 64
D. 25

Ans ✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

Q.92 A certain sum when invested at 5% interest compounded annually for 3 years yields an interest of Rs. 2,522. Find the Principal?

A. Rs. 12,522
B. Rs. 15,200
C. Rs. 16,000
D. Rs. 17,200

Ans ✔ 1. C
✘ 2. D
✘ 3. A

✗ 4. B

Q.93 The diagonal of a rhombus is 8m and 6m respectively. Find its area.

    A. 48 sq.m.
    B. 24 sq.m.
    C. 12 sq.m.
    D. 96 sq.m.

Question ID : **988837270**
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. A

     ✔ 2. B

     ✗ 3. C

     ✗ 4. D

Q.94 Ram and Rahim standing at a distance of 680m run towards each other at a speed of 8 m/sec and 9m/sec respectively. After how long will they meet?

    A. 17 sec
    B. 24 sec
    C. 40 sec
    D. 36 sec

Question ID : **988837271**
Status : **Answered**
Chosen Option : **4**

Ans ✗ 1. B

     ✗ 2. A

     ✗ 3. D

     ✔ 4. C

Q.95 Simplify: $\left[2\frac{1}{3} - 1\frac{1}{2}\right] of \frac{3}{5} + 1\frac{2}{5} \div 2\frac{1}{3}$

    A. $\frac{1}{10}$

    B. $\frac{3}{10}$

    C. $1\frac{1}{10}$

    D. 1

Question ID : **988837266**
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. D

     ✔ 2. C

     ✗ 3. B

     ✗ 4. A

Q.96 If Reena sold 12 mobile phones for Rs. 188,160 which cost Rs. 14,056 per phone, what was the total profit made by her?

    A. Rs. 19,488
    B. Rs. 17,621
    C. Rs. 21,014
    D. Rs. 18,958

Question ID : **988837275**
Status : **Not Attempted**
Chosen Option : **--**

Ans ✗ 1. D

     ✗ 2. C

     ✔ 3. A

     ✗ 4. B

Q.97 Which country has won maximum number of World cup titles in football?

    A. Italy
    B. Argentina
    C. Brazil
    D. France

Question ID : **988837229**
Status : **Answered**
Chosen Option : **4**

Ans ✗ 1. B

     ✗ 2. D

     ✗ 3. A

     ✔ 4. C

Q.98

Question ID : **988837309**
Status : **Not Attempted**

If **ALPHA=36**, **BETA=26**, then **DELTA=?**

A. 38
B. 31
C. 40
D. 36

Ans ✘ 1. A

✘ 2. B

✘ 3. D

✔ 4. C

Q.99 If **3:27:: 5:?**

A. 25
B. 125
C. 250
D. 625

Ans ✘ 1. D

✔ 2. B

✘ 3. C

✘ 4. A

Question ID : **988837287**

Status : **Answered**

Chosen Option : **2**

Q.100 Which is the brightest star in our night sky?

A. Canopus
B. Sirius A
C. Vega
D. Spica

Ans ✔ 1. B

✘ 2. D

✘ 3. A

✘ 4. C

Question ID : **988837239**

Status : **Not Attempted**

Chosen Option : --