RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 22nd April 2016 Shift 2

Test Date:	22/04/2016
Test Time:	12:30 PM - 2:00 PM
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 Which of the following rebellions was **NOT** against restrictions imposed by the British rulers?

A. Faqir and Sanyasi Rebellion

B. The Indigo rebellion

C. Santhal Rebellion

D. Naxalbari Rabellion

Question ID : **2055233407**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. C

✗ 2. A

✔ 3. D

✗ 4. B

Q.2 Which country does Roger Federer represent in Lawn Tennis competitions?

A. Serbia

B. US

C. Switzerland

D. UK

Question ID : **2055233409**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. D

✗ 2. B

✔ 3. C

✗ 4. A

Comprehension:

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.

(ii) Reema is not an immediate neighbor of Rashmi.

(iii) Radha is to the immediate right of Ragini.

(iv) Rekha is second to the left of Reema.

(v) Radha is third to the left of Renu.

SubQuestion No : 3

Q.3 Which of the following pairs of persons has the first person sitting to the immediate left of second person?

A. Radha-Reema

B. Rakhi-Rekha

C. Reema- Rakhi

D. Ragini-Rashmi

Question ID : **2055233486**
Status : **Not Attempted**
Chosen Option : **--**

Ans ✔ 1. C

$\times$ 2. D

$\times$ 3. A

$\times$ 4. B

Comprehension:

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.

(ii) Reema is not an immediate neighbor of Rashmi.

(iii) Radha is to the immediate right of Ragini.

(iv) Rekha is second to the left of Reema.

(v) Radha is third to the left of Renu.

SubQuestion No : 4

Q.4 Who is second to the left of Ragini?

A. Reema

B. Rakhi

C. Radha

D. Rashmi

Ans $\times$ 1. C

$\times$ 2. D

$\checkmark$ 3. A

$\times$ 4. B

Comprehension:

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.

(ii) Reema is not an immediate neighbor of Rashmi.

(iii) Radha is to the immediate right of Ragini.

(iv) Rekha is second to the left of Reema.

(v) Radha is third to the left of Renu.

SubQuestion No : 5

Q.5 Which of the following groups has the first person sitting between the other two?

A. Reema-Rashmi-Radha

B. Rakhi-Ragini-Reema

C. Renu-Rekha-Ragini

D. Renu-Rekha-Rakhi

Ans $\times$ 1. C

$\times$ 2. A

$\times$ 3. D

$\checkmark$ 4. B

Q.6

What is the chemical name of common salt that we eat?

    A. Sodium bicarbonate

    B. Sodium chloride

    C. Sodium salicylate

    D. Sodium hydroxide

Ans ✗ 1. A

     ✔ 2. B

     ✗ 3. D

     ✗ 4. C

Q.7 If **39574** is written as **XPLMD**, and **0826** as **TBNQ**, then **DBMTX** will be coded as

    A. 48730

    B. 48603

    C. 48703

    D. 48743

Ans ✔ 1. C

     ✗ 2. B

     ✗ 3. D

     ✗ 4. A

Question ID : **2055233470**

Status : **Answered**

Chosen Option : **1**

Q.8 The gland in the human body which secretes both enzymes and hormones is:

    A. Liver

    B. Pancreas

    C. Salivary gland

    D. Pituitary

Ans ✗ 1. D

     ✔ 2. B

     ✗ 3. A

     ✗ 4. C

Question ID : **2055233430**

Status : **Answered**

Chosen Option : **2**

Q.9 Which one of the following countries' official language is Dari, a form of Persian?

    A. Pakistan

    B. Bangladesh

    C. Nepal

    D. Afghanistan

Ans ✗ 1. A

     ✗ 2. B

     ✔ 3. D

     ✗ 4. C

Question ID : **2055233404**

Status : **Answered**

Chosen Option : **3**

Q.10 Who is the current Minister of State for Commerce and Industry?

    A. Nirmala Sitharaman

    B. Vasundhara Raje Scindia

    C. Smriti Irani

    D. Sushma Swaraj

Ans ✔ 1. A

     ✗ 2. B

Question ID : **2055233417**

Status : **Answered**

Chosen Option : **1**

✗ 3. D

✗ 4. C

Q.11 In India, most villages suffer due to one of the following and **not** the others:

Question ID : **2055233413**

Status : **Not Attempted**

Chosen Option : **--**

    A. Air pollution

    B. Sound pollution

    C. Radiation pollution

    D. Water pollution

Ans ✗ 1. B

✗ 2. C

✔ 3. D

✗ 4. A

Q.12 Given $w = -2$, $x = 3$, $y = 0$ & $z = -\frac{1}{2}$. Find the value of $2x(w - z)$.

Question ID : **2055233458**

Status : **Answered**

Chosen Option : **3**

    A. -9

    B. 9

    C. 8

    D. -8

Ans ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Q.13 Which of the following organizations were NOT formed outside India to help in the struggle for Indian independence?

Question ID : **2055233408**

Status : **Answered**

Chosen Option : **2**

    A. India House

    B. Gadar Party

    C. Hindustan Socialist Republican Association

    D. Berlin Committee

Ans ✗ 1. D

✔ 2. C

✗ 3. A

✗ 4. B

Q.14 Two numbers are in ratio 4:9 and their HCF is 11. Their LCM is:

Question ID : **2055233446**

Status : **Answered**

Chosen Option : **1**

    A. 396

    B. 44

    C. 99

    D. 400

Ans ✔ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.15 Ashok Pillar of Delhi has baffled scientists as it weathers all vagaries of weather and yet does **not** rust or corrode. Which is it made of?

Question ID : **2055233419**

Status : **Not Attempted**

Chosen Option : **--**

    A. Iron

    B. Bronze

    C. Terracotta

    D. Single rock stone

Ans ✗ 1. D

✔ 2. A

✗ 3. C

✗ 4. B

Q.16 Interchanging which two signs will make the following equation correct?

$15 + 3 \times 9 - 4 \div 16 = 57$

    A. - and +

    B. - and ÷

    C. - and ×

    D. + and ÷

Ans ✗ 1. A

    ✓ 2. D

    ✗ 3. B

    ✗ 4. C

Question ID : **2055233473**

Status : **Not Attempted**

Chosen Option : **--**

Q.17 Which unit is used to measure Noise?

    A. Decibel

    B. Hertz

    C. Ohm

    D. Volt

Ans ✓ 1. A

    ✗ 2. B

    ✗ 3. D

    ✗ 4. C

Question ID : **2055233421**

Status : **Answered**

Chosen Option : **1**

Q.18 An assertion and a reason are given below.

Assertion: India is a Sovereign country.

Reason: Its parliament is placed in Delhi.

Choose the answer.

    A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.

    B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.

    C. Both Assertion and Reason are false.

    D. Assertion is true but Reason is false.

Ans ✓ 1. B

    ✗ 2. A

    ✗ 3. C

    ✗ 4. D

Question ID : **2055233501**

Status : **Answered**

Chosen Option : **1**

Q.19 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

Statement:

    Domestic demand has been increasing faster than the production of indigenous crude oil.

Conclusions:

    I. Crude oil must be imported.

    II. Domestic demand must be reduced.

    A. Only conclusion I follows.

    B. Only conclusion II follows**.**

    C. Neither I nor II follows.

    D. Both I and II follow.

Ans ✗ 1. D

    ✗ 2. A

    ✗ 3. B

Question ID : **2055233489**

Status : **Not Attempted**

Chosen Option : **--**

✔ 4. C

Q.20 A jug has two holes. The 1ˢᵗ hole alone makes the jug empty in 15 minutes and 2ⁿᵈ hole alone makes the jug empty in 20 minutes. If water leaks out at a constant rate, how long in minutes does it take if both the holes together empty the jug?

A. $\frac{4}{7}$

B. $7\frac{4}{7}$

C. $8\frac{5}{7}$

D. $8\frac{4}{7}$

Ans

✘ 1. B

✘ 2. C

✘ 3. A

✔ 4. D

Question ID : **2055233449**

Status : **Answered**

Chosen Option : **4**

Q.21 Sharad introduced Meena as his son's paternal grandfather's only sister. How is Meena related to Sharad?

A. Mother

B. Sister

C. Paternal Aunt

D. Daughter

Ans

✔ 1. C

✘ 2. D

✘ 3. A

✘ 4. B

Question ID : **2055233482**

Status : **Not Attempted**

Chosen Option : **--**

Q.22 The length of a diagonal in cm of a rectangle of length 9 cm and width 6 cm is:

A. $3\sqrt{13}$

B. $\pm 3\sqrt{13}$

C. $3\sqrt{5}$

D. $\pm 3\sqrt{5}$

Ans

✔ 1. A

✘ 2. C

✘ 3. D

✘ 4. B

Question ID : **2055233462**

Status : **Answered**

Chosen Option : **1**

Q.23 Degradation of global environment has **not** resulted in one of the following.

A. Biodiversity loss

B. Increased Carbon-di-oxide concentration in the atmosphere

C. Exposure to UV radiations

D. Landfills

Ans

✔ 1. D

✘ 2. C

✘ 3. A

✘ 4. B

Question ID : **2055233412**

Status : **Answered**

Chosen Option : **1**

Q.24 A mobile bill costs Rs 10 for 3 minutes 30 seconds. What is the cost in rupees for 4 minutes 10 seconds? (rounded to one decimal).

A. 11.9

B. 12

C. 11.8

D. 11.7

Ans

✔ 1. A

✘ 2. C

✘ 3. B

✘ 4. D

Question ID : **2055233448**

Status : **Answered**

Chosen Option : **1**

Q.25 Satish Dhawan Space Centre is located in:

    A. Uttar Pradesh

    B. Madhya Pradesh

    C. Andhra Pradesh

    D. Tamil Nadu

Ans ✗ 1. B

    ✗ 2. A

    ✓ 3. C

    ✗ 4. D

Q.26 Bloodless surgery is done with_____

    A. Lasers

    B. Microneedles

    C. Scalpels

    D. Fine scissors

Ans ✗ 1. B

    ✓ 2. A

    ✗ 3. D

    ✗ 4. C

Q.27 Compute $35968 \div 562 \div 8 = ?$

    A. 80

    B. 512

    C. 8

    D. 521

Ans ✗ 1. B

    ✓ 2. C

    ✗ 3. D

    ✗ 4. A

Q.28 Monica takes 9 hrs 15 minutes in walking a distance and riding back to same place where she started. She could walk both ways in 11 hrs 12 minutes. The time taken by her to ride back both ways is:

    A. 7 hrs 18 min

    B. 7 hrs 35 min

    C. 7 hrs 45 min

    D. 7 hrs 15 min

Ans ✗ 1. B

    ✓ 2. A

    ✗ 3. D

    ✗ 4. C

Comprehension:

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

Day	Truck					
---	P	Q	R	S	T	U
Monday	240	250	320	325	330	300
Tuesday	320	264	308	314	318	314
Wednesday	324	294	330	312	310	325
Thursday	288	300	310	278	260	275
Friday	366	302	288	292	270	268
Saturday	292	284	260	274	280	242

SubQuestion No : 29

Q.29 If to travel the given distance, the time taken by Truck Q on Friday was 8 hours, then what was its average speed on that day?

A. 37.75km/hr
B. 42.50 km/hr
C. 28.25 km/hr
D. 32.25 km/hr

Ans ✗ 1. C

✗ 2. B

✗ 3. D

✔ 4. A

Comprehension:

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

Day	Truck					
---	P	Q	R	S	T	U
Monday	240	250	320	325	330	300
Tuesday	320	264	308	314	318	314
Wednesday	324	294	330	312	310	325
Thursday	288	300	310	278	260	275
Friday	366	302	288	292	270	268
Saturday	292	284	260	274	280	242

SubQuestion No : 30

Q.30

What is the average distance travelled by Truck S on all the days together?

A. 296 km

B. 1795/6 km

C. 198 km

D. 199 km

Ans ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

Comprehension:

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

Day	Truck					
	P	Q	R	S	T	U
Monday	240	250	320	325	330	300
Tuesday	320	264	308	314	318	314
Wednesday	324	294	330	312	310	325
Thursday	288	300	310	278	260	275
Friday	366	302	288	292	270	268
Saturday	292	284	260	274	280	242

SubQuestion No : 31

Q.31 What is the total distance travelled by all the trucks together on Saturday?

A. 1623 km

B. 1263 km

C. 1362 km

D. 1632 km

Ans ✗ 1. B

✗ 2. C

✗ 3. A

✓ 4. D

Q.32 To prevent rancidity of oil (due to oxidation) in which potato chips are fried, the bags of chips are flushed with the gas -

A. Oxygen

B. Hydrogen

C. Nitrogen

D. Chlorine

Ans ✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

Q.33 Mr. Piyush sold a bus for Rs.3400 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

    A. 4500

    B. 4300

    C. 4700

    D. 4600

Ans ✗ 1. B

    ✗ 2. A

    ✔ 3. D

    ✗ 4. C

Q.34 If **TRACTER = 14** and **TROLLEY = 14**, then **SCOOTER =**

    A. 24

    B. 14

    C. 28

    D. 30

Ans ✗ 1. D

    ✗ 2. A

    ✔ 3. B

    ✗ 4. C

Q.35 Choose the pair which is related in the same way as the words in the first pair from the given choices.

    LUNG : MAN :: GILL : _____

    A. FISH

    B. COW

    C. PEACOCK

    D. BIRD

Ans ✗ 1. B

    ✔ 2. A

    ✗ 3. D

    ✗ 4. C

Q.36 Divide Rs.156 in the ratio 1:2:4:5. The rupees in the respective ratios are given by:

    A. 13, 26, 53 & 64

    B. 13, 26, 51 & 66

    C. 13, 26, 52 & 65

    D. 13, 25, 53 & 65

Ans ✗ 1. B

    ✔ 2. C

    ✗ 3. D

    ✗ 4. A

Comprehension:

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

SubQuestion No : 37

Q.37 The ratio of the number of students passed in one or more of the sections to the number of students who passed in Section A alone is:

    A. 78/21

    B. 3

    C. 73/21

    D. 75/21

Ans ✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

Comprehension:

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

SubQuestion No : 38

Q.38 How many passed all the three sections?

A. 3

B. 6

C. 5

D. 7

Question ID : 2055233492

Status : **Not Attempted**

Chosen Option : --

Ans ✓ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

Comprehension:

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

SubQuestion No : 39

Q.39 How many passed only one of the three sections?

A. 21

B. 42

C. 63

D. 52

Question ID : 2055233493

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

Q.40 Which of the storage device of computers has now become obsolete?

A. Floppy

B. CD ROM

C. Pen drive

D. Hard disk

Question ID : 2055233432

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✗ 3. B

✔ 4. A

Q.41 An assertion and a reason are given below.

Assertion: Water is essential for life.

Reason: It is formed using three parts of Hydrogen and one part of Oxygen.

Choose the answer.

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

Ans

✔ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

Q.42 Compute $7497 \div 147 - 8 = ?$

A. -20

B. 20

C. $\dfrac{7497}{116}$

D. $\dfrac{7479}{116}$

Ans 1. D

2. A

3. C

4. B

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

Q.43 Bhimbetka caves are located in:

A. Uttar Pradesh

B. Madhya Pradesh

C. Andhra Pradesh

D. Himachal Pradesh

Ans

✗ 1. A

✗ 2. D

✗ 3. C

✔ 4. B

Q.44 If "÷" denotes "multiplication", "-" denotes "addition", "+" denotes "division" and "×" denotes "subtraction", then which of the following is the value of the expression

$19 \div 9 \times 51 - 171 + 19$

A. 143
B. 129
C. 179
D. 151

Ans

✔ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

Q.45 The Hubble Space Telescope, which belongs to _____, captured the first-ever predicted supernova explosion.

    A. USA
    B. UK
    C. Canada
    D. Russia

Ans ✗ 1. D

    ✗ 2. C

    ✔ 3. A

    ✗ 4. B

Q.46 Which is the correct ascending order of the given numbers?

    A. $\frac{3}{7}, 0.3, \frac{2}{7}$

    B. $0.3, \frac{2}{7}, \frac{3}{7}$

    C. $\frac{2}{7}, 0.3, \frac{3}{7}$

    D. $\frac{2}{7}, \frac{3}{7}, 0.3$

Ans ✗ 1. B

    ✗ 2. A

    ✔ 3. C

    ✗ 4. D

Q.47 Which instrument does Dr. L. Subramaniam play?

    A. Sitar

    B. Sarod

    C. Violin

    D. Guitar

Ans ✗ 1. B

    ✗ 2. D

    ✗ 3. A

    ✔ 4. C

Q.48 Among, the democratic countries of the world, which country's constitution is the lengthiest and most detailed?

    A. US
    B. UK
    C. South Africa
    D. India

Ans ✗ 1. A

    ✗ 2. B

    ✗ 3. C

    ✔ 4. D

Q.49 Monal Kumar travelled equal distance with speed of 3 km/hr, 5 km/hr and 8 km/hr and takes a total time of 39.5 minutes. Find the total distance in km.

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

Ans ✔ 1. D

    ✗ 2. A

    ✗ 3. C

❌ 4. B

Q.50 If "−" and "×" signs as well as "7" and "3" are interchanged, then which of the one following is correct?

A. $20 \times 1 - 7 = 3$
B. $1 \times 20 - 7 = 20$
C. $3 - 7 \times 1 = 20$
D. $20 - 3 \times 1 = 7$

Question ID : **2055233475**

Status : **Answered**

Chosen Option : **4**

Ans
❌ 1. A
❌ 2. B
❌ 3. D
✔️ 4. C

Q.51 Out of the FIFA World Cup awards which one is awarded to the best goal keeper?

A. Golden Boot

B. Golden Ball

C. Golden Glove

D. Golden Cap

Question ID : **2055233411**

Status : **Answered**

Chosen Option : **2**

Ans
❌ 1. D
✔️ 2. C
❌ 3. A
❌ 4. B

Q.52 Choose the pair which is related in the same way as the words in the first pair from the given choices.

EDITOR : MAGAZINE :: _____ : DRAMA.

A. PLAY

B. ARTISTS

C. STAGE

D. DIRECTOR

Question ID : **2055233478**

Status : **Answered**

Chosen Option : **1**

Ans
❌ 1. B
❌ 2. A
✔️ 3. D
❌ 4. C

Q.53 To which country does the 'MOST' (Microvariability and Oscillation of Stars) Space Telescope belong?

A. India

B. Canada

C. Russia

D. USA

Question ID : **2055233434**

Status : **Not Attempted**

Chosen Option : **--**

Ans
❌ 1. D
✔️ 2. B
❌ 3. A
❌ 4. C

Q.54 From the given series of jumbled letters separate the names of flower and tree and select from the given choices the first letter of the name of flower and tree "**saltoteuk**"

A. SR
B. RE
C. LK
D. LT

Question ID : **2055233490**

Status : **Not Attempted**

Chosen Option : **--**

Ans
✔️ 1. D
❌ 2. B
❌ 3. C
❌ 4. A

Q.55

If **TIGER** is coded as **REGIT**, how is **LEOPARD** coded?

A. DRAOPLE

B. DRAPLED

C. DRAPOEL

D. DRAOPEL

Ans ✗ 1. B

✗ 2. A

✗ 3. D

✓ 4. C

Q.56 Which one of the three rivers at Triveni Sangam, Allahabad, is an underground river?

A. Ganges

B. Yamuna

C. Saraswati

D. Kaveri

Ans ✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

Q.57 Mr. Yudish borrowed Rs.3500 at 4% per annum compound interest. The compound interest compounded annually for 2 years is:

A. 285.6
B. 3785.6
C. 3758.6
D. 258.6

Ans ✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. C

Q.58 Reema pointed towards a painting and said, "He is my son's paternal grandfather's only daughter-in-law's father's father". How is he related to Reema?

A. Paternal Uncle
B. Paternal Grandfather
C. Maternal Grandfather
D. Father

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Q.59 Mr. Yashwanth invested money in FD. How much will he get on maturity, if Rs.10000 is invested at 20% per annum compound interest for 6 months, compounded quarterly?

A. 11025.25
B. 11025
C. 11025.75
D. 11025.5

Ans ✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

Q.60

In November 2015, the Government of India announced an increase in FDI for 'News and current affairs channels' from 26% to ___.

A. 49%

B. 51%

C. 100%

D. 75%

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✓ 4. A

Q.61 Sundarbans is the largest single block of tidal halophytic _____ forest in the world.

A. Woody shrubs

B. Papyrus

C. Mangrove

D. Marsh

Ans ✓ 1. C

✗ 2. B

✗ 3. D

✗ 4. A

Question ID : 2055233402

Status : **Answered**

Chosen Option : 1

Q.62 Which of the following is a branch of technology that deals with dimensions and tolerances of less than 100 nanometers, especially the manipulation of individual atoms and molecules?

A. Biotechnology

B. Femtotechnology

C. Nanotechnology

D. Microtechnology

Ans ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Question ID : 2055233427

Status : **Answered**

Chosen Option : 1

Q.63 The variance of a set of data is 144. Then the standard deviation of the data is:

A. ± 12

B. 12

C. 44

D. 72

Ans ✗ 1. A

✓ 2. B

✗ 3. C

✗ 4. D

Question ID : 2055233468

Status : **Answered**

Chosen Option : 2

Q.64 A shopkeeper cheats to the extent of 9% while buying and selling fruits, by using tampered weights. His total gain in percentage is:

A. 18.25

B. 18.81

C. 18.75

D. 18.5

Ans ✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

Question ID : 2055233456

Status : **Not Attempted**

Chosen Option : --

Q.65

Question ID : 2055233420

Status : **Answered**

Chosen Option : 4

Which of the following is a **wrong** example of friction?

   A. Washing machine pushed along a floor

   B. Sled sliding across snow

   C. A person sliding down a slide

   D. A person lifting an heavy object

Ans   ✗ 1. C

   ✗ 2. A

   ✗ 3. B

   ✔ 4. D

Q.66 If $Sin\ x = \dfrac{4}{5}$, then $\dfrac{Tan\ x}{Cot\ x} = ?$

   A. $\dfrac{13}{9}$

   B. $\dfrac{3}{4}$

   C. $\dfrac{9}{16}$

   D. $\dfrac{16}{9}$

Ans   ✔ 1. D

   ✗ 2. A

   ✗ 3. B

   ✗ 4. C

Q.67 Prior to independence, the first Indian jute mill was set up in _____.

   A. Gujarat

   B. Bengal

   C. Odisha

   D. Maharashtra

Ans   ✗ 1. C

   ✗ 2. A

   ✔ 3. B

   ✗ 4. D

Q.68 .css file extension usually refers to what kind of file?

   A. Image File

   B. System File

   C. Animation File

   D. Hypertext related File

Ans   ✔ 1. D

   ✗ 2. A

   ✗ 3. B

   ✗ 4. C

Q.69 The number of sides of a regular polygon whose exterior angles are each 45^0 is:

    A. 7

    B. 6

    C. 8

    D. 9

Question ID : 2055233461
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. A

    ✔ 2. C

    ✗ 3. D

    ✗ 4. B

Q.70 The cash difference between the selling price of an article at a profit of 2% and 14% is Rs.3. The ratio of two selling prices is:

    A. 17:19

    B. 17:20

    C. 19:20

    D. 17:53

Question ID : 2055233457
Status : **Not Attempted**
Chosen Option : **--**

Ans ✗ 1. C

    ✗ 2. D

    ✗ 3. B

    ✔ 4. A

Q.71 If signs − and ×, and numbers 5 and 14 are interchanged, then the value of $5 + 4 \div 2 − 8 \times 14$ is

    A. 15

    B. 20

    C. 25

    D. 30

Question ID : 2055233474
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. D

    ✗ 2. B

    ✔ 3. C

    ✗ 4. A

Q.72 The most recently discovered link in human evolution is the discovery of fossils of:

    A. Lucy

    B. Homo naledi

    C. Homo sapiens

    D. Austiopithelines

Question ID : 2055233431
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. B

    ✗ 2. D

    ✗ 3. C

    ✗ 4. A

Q.73 Aquarium is a container in which there are living fish and aquatic plants. Which statement about aquarium is correct?

    A. It is human made ecosystem

    B. It is a natural ecosystem

    C. It is not an ecosystem at all

    D. It can only be termed a community

Question ID : 2055233425
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. D

    ✔ 2. A

    ✗ 3. C

    ✗ 4. B

Q.74

Simplify: $2^4 \div 2^{-1}$

A. 1/32

B. 16

C. 32

D. 8

Ans ✗ 1. B

✗ 2. A

✓ 3. C

✗ 4. D

Q.75 Correct expression of $0.02\overline{36}$ =?

A. $\frac{13}{550}$

B. $\frac{236}{1000}$

C. $2\frac{36}{1000}$

D. $\frac{13}{555}$

Ans ✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

Q.76 The other term for genetic engineering is:

A. DNA fingerprinting

B. DNA editing

C. Recombinant DNA technology

D. Gene therapy

Ans ✗ 1. A

✗ 2. D

✓ 3. C

✗ 4. B

Q.77 The mode of the data   -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is:

A. 0

B. 4

C. -2

D. 7

Ans ✗ 1. C

✗ 2. A

✓ 3. B

✗ 4 D

Q.78 Mouma Das and Soumyajit Ghosh represent India in:

A. Table Tennis

B. Badminton

C. Tennis

D. Carrom

Ans ✗ 1. C

✔ 2. A

✗ 3. B

✗ 4. D

Q.79 Compute of $54367 \times 9999 = ?$

A. 546315633

B. 543655633

C. 543651633

D. 543615633

Ans ✗ 1. A

✗ 2. B

✗ 3. C

✔ 4. D

Q.80 HIV is passed from one person to another in all of the following ways except:

A. Mosquito bite

B. Breast Feeding

C. Sharing Needles

D. Sexual Contact

Ans ✗ 1. B

✗ 2. D

✗ 3. C

✔ 4. A

Q.81 Choose the pair which is related in the same way as the words in the first pair from the given choices.

CLIMB : TREE :: _____ : _____

A. ROW : SHIP

B. RISE : TOP

C. ASCEND : CLIFF

D. FILE : FINGER

Ans ✗ 1. A

✗ 2. D

✔ 3. C

✗ 4. B

Q.82 Choose the pair which is related in the same way as the words in the first pair from the given choices.

ROASTER : DUTY :: INVENTORY : _____

A. GOODS

B. SALES

C. EXPORT

D. PRODUCTION

Ans ✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

Q.83 Yuvraj is Dipti's mother's father's only granddaughter's son's cousin. How is Yuvraj related to Dipti?

A. Nephew
B. Son
C. Maternal Uncle
D. Grandson

Ans ✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Question ID : 2055233483

Status : **Not Attempted**

Chosen Option : --

Q.84 The order of rotational symmetry of a rhombus is:

A. 1

B. 4

C. 2

D. 0

Ans ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Question ID : 2055233463

Status : **Not Attempted**

Chosen Option : --

Q.85 The first human to travel in space -

A. Neil Armstrong

B. Yuri Gagarin

C. Edwin Aldrin

D. Valentina Tereshkova

Ans ✗ 1. C

✗ 2. A

✓ 3. B

✗ 4. D

Question ID : 2055233435

Status : **Answered**

Chosen Option : 3

Q.86 Which Hollywood star has been confirmed to act with Indian actor Rajnikanth in upcoming film Enthiran 2?

A. Dwayne Johnson
B. Vin Diesel
C. Arnold Schwarzenegger
D. Sylvester Stallone

Ans ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Question ID : 2055233400

Status : **Answered**

Chosen Option : 2

Q.87

Question ID : 2055233459

Status : **Answered**

Chosen Option : 1

Simplify $7x + 3x(x - 4) = ?$

A. $10x + 12$

B. $10x - 12$

C. $3x^2 + 5x$

D. $3x^2 - 5x$

Ans ✔ 1. D

✖ 2. C

✖ 3. A

✖ 4. B

Q.88 If the product of two numbers is 3192 and their LCM is 56 then their HCF is:

A. 58

B. 59

C. 56

D. 57

Ans ✖ 1. C

✖ 2. A

✖ 3. B

✔ 4. D

Q.89 What is galvanized iron?

A. A form of steel

B. Zinc coated iron

C. Pig iron

D. Iron ore

Ans ✖ 1. A

✖ 2. C

✖ 3. D

✔ 4. B

Q.90 The building up and movement of ships is based on:

A. Archimedes' principle

B. Faradays laws

C. Fleming's right hand rule

D. Newton's 2nd law of motion

Ans ✖ 1. C

✖ 2. D

✖ 3. B

✔ 4. A

Q.91

The mean deviation of the data 2, 9,9, 3, 6, 9, 4 from the mean is:

A. $\frac{42}{7}$

B. $\frac{18}{7}$

C. 2.5

D. $\frac{50}{7}$

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.92 Prashanth is twice as good a sportsman as Tarun and together they finish a piece of work in 21 days. In how many days will Tarun alone finish the work?

A. 42
B. 63
C. 84
D. 50

Question ID : **2055233450**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

✗ 2. D

✔ 3. B

✗ 4. C

Q.93 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:

A. If all players play to their full potential, we will win the match.

B. We have won the match.

Conclusions:

I All players played to their full potential.

II. Some players did not play to their full potential.

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

Question ID : **2055233488**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. A

✔ 2. B

✗ 3. D

✗ 4. C

Q.94 Even before East India Company consolidated power, India was exporting fine textiles made of:

A. only cotton

B. only silk

C. only nylon

D. cotton and silk

Question ID : **2055233406**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

Q.95 If **COUNTER** is coded as **NTERCOU**, then **ANALOGY** is coded as

A. LOGYAAN

B. LOGAYNA

C. LOGYANA

D. LGOYNAA

Question ID : **2055233472**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. B

✗ 2. D

✗ 3. A

✔ 4. C

Q.96 If $Tan\ A = \dfrac{15}{8}$ and $Tan\ B = \dfrac{7}{24}$, then $Tan\ (A+B) = ?$

A. $\dfrac{416}{87}$

B. $\dfrac{87}{416}$

C. $\dfrac{304}{297}$

D. $\dfrac{297}{304}$

Ans ✗ 1. C

✔ 2. A

✗ 3. B

✗ 4. D

Q.97 Which of the following is NOT a fundamental right of an Indian Citizen?

A. Right to Equality

B. Right to Privacy

C. Right to Life

D. Right against Exploitation

Ans ✗ 1. A

✔ 2. B

✗ 3. C

✗ 4. D

Q.98 Which one of the following insects **cannot** be called a 'social insect'?

A. Bees

B. Crickets

C. Termites

D. Ants

Ans ✗ 1. C

✔ 2. B

✗ 3. D

✗ 4. A

Q.99

Solve: $-4 = -7 + 3x$.

    A.   −1

    B.   1

    C. $\dfrac{11}{3}$

    D. $\dfrac{-11}{3}$

Ans ✔ 1. B

    ✘ 2. C

    ✘ 3. A

    ✘ 4. D

Q.100 An assertion and a reason are given below.

Assertion: The phenomenon of nuclear fission generates great energy.

Reason: The process in which a nucleus is broken into two parts is called nuclear fission.

Choose the answer.

    A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.

    B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.

    C. Both Assertion and Reason are false.

    D. Assertion is true but Reason is false.

Ans ✘ 1. A

    ✘ 2. D

    ✔ 3. B

    ✘ 4. C