RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 29th April 2016 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	29/04/2016
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

Q.1 Leukemia is a type of human disease which is

A. a cancer of the white blood cells
B. caused by deficiency of vitamins
C. a cancer in the brain
D. caused by an overdose of proteins

Question ID : 2055233830
Status : Answered
Chosen Option : 1

Ans   ✗ 1. D
        ✓ 2. A
        ✗ 3. B
        ✗ 4. C

Q.2 If $\sqrt{625} = 25$; then $\sqrt{.00000625/25}$ is:

A. 0.0025
B. 0.001
C. 0.0001
D. 0.0005

Question ID : 2055233851
Status : Answered
Chosen Option : 2

Ans   ✗ 1. B
        ✗ 2. C
        ✗ 3. A
        ✓ 4. D

Q.3 30 pens and 75 pencils were purchased for Rs. 390. If the average price of a pencil is Rs. 2.00, then calculate the average price (in Rs.) of a pen.

A. 6
B. 4
C. 8
D. 12

Question ID : 2055233853
Status : Answered
Chosen Option : 4

Ans   ✓ 1. C
        ✗ 2. A
        ✗ 3. B
        ✗ 4. D
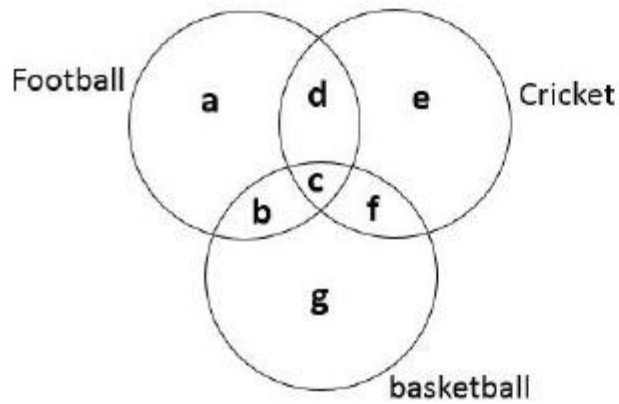
Comprehension:

Based on the diagram answer the following questions:

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.

SubQuestion No : 4

Q.4 Which region represents the set of persons who play Football and Basket Ball but not Cricket?

A. Region g
B. Region e
C. Region c
D. Region b

<table>
<tr><td>Question ID : 2055233905</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 3</td></tr>
</table>

Ans   ✗ 1. A

      ✗ 2. B

      ✔ 3. D

      ✗ 4. C
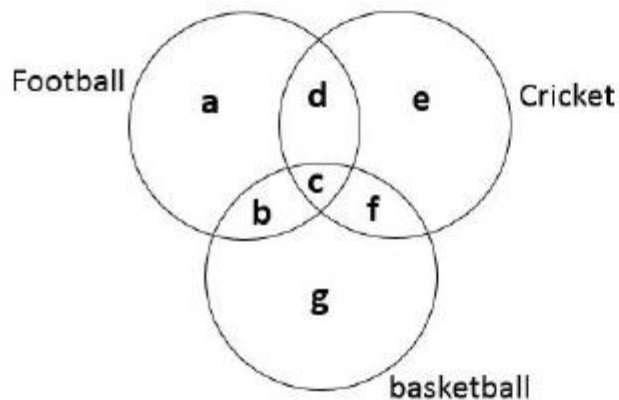
Comprehension:

Based on the diagram answer the following questions:

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.

SubQuestion No : 5

Q.5 Which region represents the set of persons who play Football but neither Cricket nor Basket Ball?

A. Region a
B. Region b
C. Region c
D. Region d

<table>
<tr><td>Question ID : 2055233906</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 2</td></tr>
</table>

Ans   ✗ 1. D

      ✔ 2. A
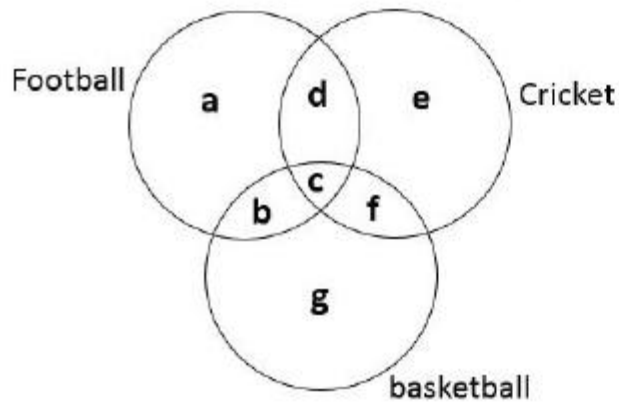
      ✗ 3. C

      ✗ 4. B

Comprehension:

Based on the diagram answer the following questions:

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.

SubQuestion No : 6

Q.6 Which region represents the set of persons who play all the three games?

A. Region b
B. Region c
C. Region f
D. Region g

Question ID : 2055233904

Status : Answered

Chosen Option : 4

Ans ✗ 1. A

✗ 2. D

✗ 3. C

✓ 4. B

Q.7 Hemant said to Naitik, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Hemant?

A. Son
B. Brother
C. Cousin
D. Nephew

Question ID : 2055233893

Status : Answered

Chosen Option : 3

Ans ✗ 1. C

✗ 2. A

✓ 3. B

✗ 4. D

Q.8 Which of the following is not an output device?

A. Plotter
B. Speaker
C. Printer
D. Scanner

Question ID : 2055233827

Status : Answered

Chosen Option : 2

Ans ✗ 1. C

✗ 2. A

✗ 3. B

✓ 4. D

Q.9 _____ was the first satellite launched by U.S in 1958.

A. Sputnik 1
B. Apollo 11
C. GSAT
D. Explorer 1

Question ID : 2055233846

Status : Answered

Chosen Option : 3

Ans ✗ 1. A

✗ 2. C

✗ 3. B

✓ 4. D

Q.10 Two pipes, /
the tank is fi

A. 9 minutes 8 seconds
B. 10 minutes 9 seconds
C. 11 minutes 19 seconds
D. 11 minutes 29 seconds

Ans ✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

Q.11 Name the monument which signifies the "seat of the holy Buddha" where it is believed that Lord Buddha delivered his first sermon.

A. Dhamekh Stupa, Sarnath
B. Sanchi Stupa, Sanchi
C. Shingardar Stupa, Swat valley
D. Dro-dul Chorten, Gangtok

Ans ✗ 1. D

✗ 2. C

✗ 3. B

✓ 4. A

Q.12 Complete the Figure X from the given alternatives 1,2,3,4

(X)   (1)   (2)   (3)   (4)

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

Ans ✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

Comprehension:

Based on the below given information, answer the questions:

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.

Godrej air conditioner is between air conditioner Carrier and Hitachi.

Samsung, which is third to the left of air conditioner Carrier, is at one end.

SubQuestion No : 13

Q.13 Which one of the following statements is correct?

A. Videocon air conditioner is in between air conditioner Carrier and Samsung.
B. LG is next left to Whirlpool air conditioner.
C. Videocon is next right of LG.
D. Godrej is fourth right of Whirlpool.

Ans ✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

Comprehension:

Based on the below given information, answer the questions:

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.
Godrej air conditioner is between air conditioner Carrier and Hitachi.
Samsung, which is third to the left of air conditioner Carrier, is at one end.

SubQuestion No : 14

Q.14 Which of the following groups of air conditioners is to the right of air conditioner Carrier?

A. LG, Videocon and Godrej
B. Whirlpool, LG and Videocon
C. Godrej, Hitachi and Samsung
D. Hitachi, LG and Videocon

| Question ID : 2055233899 |
| Status : Not Attempted |
| Chosen Option : -- |

Ans   ✗ 1. D

      ✗ 2. A

      ✗ 3. C

      ✓ 4. B

Comprehension:

Based on the below given information, answer the questions:

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.
Godrej air conditioner is between air conditioner Carrier and Hitachi.
Samsung, which is third to the left of air conditioner Carrier, is at one end.

SubQuestion No : 15

Q.15 Which of the following statements is correct?

A. Godrej is next left of air conditioner Carrier.
B. Hitachi is next left of Samsung.
C. Hitachi is at one end.
D. Samsung is next second to the right of Godrej.

| Question ID : 2055233897 |
| Status : Not Attempted |
| Chosen Option : -- |

Ans   ✗ 1. B

      ✗ 2. D

      ✓ 3. A

      ✗ 4. C

Q.16 Abdur Rahman and British Raj representative Mr. Mortimer signed an agreement establishing _____.

A. Radcliffe Line
B. Durand Line
C. Mortimer Line
D. Macmohan Line

| Question ID : 2055233843 |
| Status : Answered |
| Chosen Option : 4 |

Ans   ✗ 1. A

      ✗ 2. C

      ✓ 3. B

      ✗ 4. D

Q.17 Four words are given below out of which three are alike in some manner and one is different. Which one is different from the rest?

A. Tower
B. Sea
C. Valley
D. Mountain

| Question ID : 2055233889 |
| Status : Answered |
| Chosen Option : 3 |

Ans   ✗ 1. C

      ✗ 2. B

✓ 3. A

✗ 4. D

Q.18   Name the committee, appointed to identify the creamy layer among the OBCs, which submitted its report in 1993 and was accepted?

A. Dr. K M Munshi Committee
B. G V Mavalankar Committee
C. Ram Nandan Committee
D. Swaran Singh Committee

Question ID :2055233825

Status :Answered

Chosen Option :1

Ans   ✗ 1. B

✗ 2. D

✓ 3. C

✗ 4. A

Q.19   What is the cause of bio-magnification (or bio-accumulation)?

A. Ozone
B. Organo-chlorines
C. Lichens
D. Proteins

Question ID :2055233850

Status :Answered

Chosen Option :2

Ans   ✗ 1. D

✗ 2. A

✓ 3. B

✗ 4. C

Q.20   Which of the following power houses is/are associated with Damodar Valley Project?

I. Durgapur
II. Chandrapura
III. Maithon
IV. Hampi

Choose the right option.

A. Only I and II
B. Only II and III
C. I, II and III
D. I, II, III and IV

Question ID :2055233834

Status :Answered

Chosen Option :2

Ans   ✓ 1. C

✗ 2. B

✗ 3. A

✗ 4. D

Q.21   Construction of the Qutub Minar, the world's tallest brick minaret commenced in 1193, under the orders of_____, the founder of the Delhi Sultanate.

A. Firoz Shah Tughlaq
B. Qutub-ud-din Aibak
C. Iltumish
D. Quali Qutub Shah

Question ID :2055233818

Status :Answered

Chosen Option :3

Ans   ✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. C

Q.22   Krishnanattam is a famous dance of which of the following states?

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

Question ID :2055233833

Status :Answered

Chosen Option :1

Ans   ✗ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

Q.23 What is the minimum qualification fixed for candidates contesting in the Panchayati Raj Institutions (PRIs) elections, as passed by Haryana Panchayati Raj (Amendment) Bill, 2015?

A. Higher Secondary
B. Matriculation
C. No educational qualification only minimum age at 21 years
D. Graduation.

Ans 1. A

2. C

3. B

4. D

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

Question ID : 2055233819

Status : Answered

Chosen Option : 1

Q.24 Who among the following musicians who lived between 1253 and 1325 AD, was traditionally considered as the inventor of tabla and sitar?

A. Tansen
B. Amir Khusro
C. Swami Shastri
D. Baiju Bawra

Ans ✗ 1. D

✓ 2. B

✗ 3. C

✗ 4. A

Question ID : 2055233832

Status : Answered

Chosen Option : 1

Q.25 A thief is 400m ahead of a policeman. The thief started running and the policeman started chasing simultaneously. Assuming the speed of thief be 10km/h & policeman be 15 km/h, calculate the distance (in metres) covered by thief before the policeman caught the thief?

A. 750 m
B. 800 m
C. 850 m
D. 900 m

Ans ✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Question ID : 2055233863

Status : Answered

Chosen Option : 2

Q.26 Oil zapper technology to remove oil spills in ocean, is developed by?

A. IIT
B. TERI
C. CSE
D. ISRO

Ans ✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Question ID : 2055233842

Status : Answered

Chosen Option : 2

Q.27 The Union Government has released a commemorative postage stamp to mark the Centenary year of _____, which is the apex institution on fauna taxonomy in India.

A. Zoological Survey of India.
B. Archaeological Survey of India
C. National Animal Species Survey of India
D. National Sample Survey Organization

Ans ✗ 1. C

✗ 2. B

✓ 3. A

✗ 4. D

Question ID : 2055233820

Status : Answered

Chosen Option : 2

Q.28 Which Bank launched India's first contactless mobile payment solution?

A. AXIS
B. SBI
C. ICICI
D. HDFC

Ans ✗ 1. D

✗ 2. B

✓ 3. C

✗ 4. A

Question ID : 2055233840

Status : Answered

Chosen Option : 4

Q.29 The presence of ozone in the _____ prevents sun's harmful ultraviolet (UV) radiations from reaching the Earth's surface.

A. Troposphere
B. Mesosphere
C. Stratosphere
D. Thermosphere

Ans
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

Question ID : 2055233813
Status : Answered
Chosen Option : 3

Q.30 If $\sqrt{5} = 2.236$; then $\sqrt{5}/\sqrt{2}$ is:

A. 1.581
B. 1.851
C. 2.236
D. 1.782

Ans
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

Question ID : 2055233852
Status : Answered
Chosen Option : 1

Q.31 The HCF of two numbers is 16 and their difference is 16. Find the numbers.

A. 64, 80
B. 72, 88
C. 80, 100
D. 96, 120

Ans
✘ 1. D
✘ 2. C
✘ 3. B
✔ 4. A

Question ID : 2055233857
Status : Answered
Chosen Option : 2

Q.32 In 2001, the production of sugar is 1584 million kgs which is 20% more than that in 1991. Find the production (in million kgs) of sugar in 1991.

A. 1980
B. 1280
C. 1300
D. 1320

Ans
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

Question ID : 2055233879
Status : Answered
Chosen Option : 3

Q.33 Who has been selected to the board of governors of the World Water Council (WWC) for 2016-18 in the 7th general assembly of WWC held at Marseille, France?

A. Chaudhary Birender Singh
B. Ram Kripal Yadav
C. Sanwar Lal Jat
D. Prithvi Raj Singh

Ans
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

Question ID : 2055233815
Status : Answered
Chosen Option : 1

Q.34 There are over ____ capillaries in our lungs.

A. 100 million
B. 200 million
C. 400 million
D. 300 million

Ans
✘ 1. B

Question ID : 2055233845
Status : Answered
Chosen Option : 3

✓ 2. D

✗ 3. A

✗ 4. C

Q.35 In a certain code language, if MOBILE is coded as 713694 and TABLET is coded as 253942, than BALLET will be coded as?

A. 329954
B. 359942
C. 395942
D. 359429

Ans ✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

Question ID : 2055233881
Status : Answered
Chosen Option : 2

Q.36 A & B can finish a work in 12 days, B & C in 15 days and A & C in 20 days. In how many days would A alone finish the work?

A. 20
B. 30
C. 40
D. 60

Ans ✗ 1. D

✓ 2. B

✗ 3. C

✗ 4. A

Question ID : 2055233861
Status : Answered
Chosen Option : 1

Q.37 _____ is the first indigenous aircraft of India designed and built by HAL.

A. HF 25 MKI
B. HT 2
C. HT 3 MKI
D. HF 28

Ans ✓ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

Question ID : 2055233841
Status : Answered
Chosen Option : 2

Q.38 A tennis player, won 18 games out of 27 games played. Calculate the games won in terms of decimal.

A. 0.667
B. 0.067
C. 0.50
D. 0.333

Ans ✗ 1. C

✗ 2. B

✓ 3. A

✗ 4. D

Question ID : 2055233856
Status : Answered
Chosen Option : 3

Q.39 The value of $\tan 45^0$ is:

A. $\sqrt{3}$
B. $\sqrt{3}/2$
C. $1/\sqrt{3}$
D. 1

Ans ✗ 1. A

✓ 2. D

✗ 3. B

✗ 4. C

Question ID : 2055233876
Status : Answered
Chosen Option : 2

Q.40 The expenses of a person increases by Rs. 5000 for every month in February and March. If his expenses in January was Rs. 5000, Calculate his average expenditure (in Rs.) from January to March.

A. 10000
B. 15000
C. 7500
D. 5000

Ans

Question ID : 2055233880
Status : Answered
Chosen Option : 4

✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Q.41   If Rahul walks at 4 km/h, he reaches office late by 10 minutes of the scheduled time. If he walks at 5 km/h he reaches office 5 minutes ahead of scheduled time. Calculate the distance of his office from his home.

A. 4 km
B. 6 km
C. 5 km
D. 8 km

Question ID : 2055233864

Status : Answered

Chosen Option : 1

Ans   ✔ 1. C

✘ 2. A

✘ 3. B

✘ 4. D

Q.42   Why it is remarked that "the pocket of the Indian President is bigger than that of the American President" in reference to Pocket Veto Power of the President?

A. The power of the Indian President not to take any action (either positive or negative) on the bill for an indefinite period.
B. The President of USA has to return the bill for reconsideration within 10 days, as against 30 days for the Indian President.
C. The President of USA has to return the bill for reconsideration within 10 days, as against 20 days for the Indian President.
D. The President of USA can't return the bill for reconsideration, if he kept it for more than 10 days, while that is not the case with the Indian President.

Question ID : 2055233826

Status : Answered

Chosen Option : 1

Ans   ✘ 1. D

✘ 2. B

✘ 3. C

✔ 4. A

Q.43   A straight angle is equal to ?

A. 90^0
B. 180^0
C. 270^0
D. 360^0

Question ID : 2055233874

Status : Answered

Chosen Option : 1

Ans   ✔ 1. B

✘ 2. C

✘ 3. D

✘ 4. A

Q.44   Pointing to the lady in the metro, Twinkle said, "She is the sister of the father of my mother's son." Who is the lady to Twinkle?

A. Mother
B. Sister
C. Aunt
D. Niece

Question ID : 2055233894

Status : Answered

Chosen Option : 2

Ans   ✘ 1. B

✔ 2. C

✘ 3. A

✘ 4. D

Q.45   Read the statements and select a conclusion from the given alternatives:

Statements: Some doors are shelves.
         All the shelves are windows.

Conclusions:
         1. Some doors are windows.
         2. No shelf is door

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows

Question ID : 2055233902

Status : Answered

Chosen Option : 3

Ans   ✗ 1. C

      ✗ 2. D

      ✗ 3. B

      ✓ 4. A

Q.46 If the average age of 40 students in Class I is 10 years and the average age of 30 students in Class II is 12 years, find the average age (in years) for all students.

      A. 11
      B. 10.54
      C. 10.58
      D. 10.85

| Question ID : 2055233878 |
| Status : Answered |
| Chosen Option : 1 |

Ans   ✗ 1. A

      ✗ 2. B

      ✓ 3. D

      ✗ 4. C

Q.47 Pointing to a person, Arnav said to Preeti, "His mother is the only daughter of your father". How was Preeti related to that person?

      A. Aunt
      B. Mother
      C. Wife
      D. Daughter

| Question ID : 2055233895 |
| Status : Answered |
| Chosen Option : 2 |

Ans   ✓ 1. B

      ✗ 2. C

      ✗ 3. D

      ✗ 4. A

Q.48 **Fill in the blanks with suitable option:**
      A/An _____ turns blue litmus red and a/an _____ turns _____ litmus blue.

      A. Base, acid, red
      B. Acid, base, green
      C. Base, acid, pink
      D. Acid, base, red

| Question ID : 2055233812 |
| Status : Answered |
| Chosen Option : 4 |

Ans   ✗ 1. C

      ✗ 2. A

      ✓ 3. D

      ✗ 4. B

Q.49 Which city hosted the first 'India International Science Festival, 2015'?

      A. Kolkata
      B. Bangalore
      C. New Delhi
      D. Chennai

| Question ID : 2055233821 |
| Status : Answered |
| Chosen Option : 2 |

Ans   ✗ 1. D

      ✗ 2. B

      ✗ 3. A

      ✓ 4. C

Q.50 In a fruit basket, the ratio of number of apples to bananas is A and the ratio of bananas to apples is B; then A+B is:

      A. exactly 1
      B. less than one
      C. more than one
      D. zero

| Question ID : 2055233859 |
| Status : Answered |
| Chosen Option : 2 |

Ans   ✓ 1. C

      ✗ 2. D

      ✗ 3. B

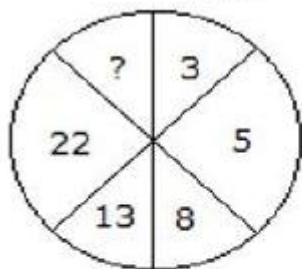   ✗ 4. A

Q.51

| Question ID : 2055233887 |
| Status : Answered |
| Chosen Option : 3 |

Insert the missing character in?

A. 45
B. 29
C. 39
D. 37

Ans   ✗ 1. B

     ✔ 2. C

     ✗ 3. A

     ✗ 4. D

Q.52 When was the GSLV used in India for the first time?

Question ID : 2055233848
Status : Answered
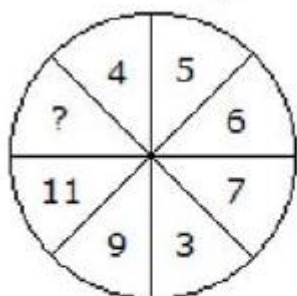Chosen Option : 1

A. 1980
B. 1987
C. 1994
D. 2000

Ans 1. B

2. A

3. C

4. D

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

Q.53 Insert the missing character in?

Question ID : 2055233885
Status : Answered
Chosen Option : 2

A. 13
B. 14
C. 12
D. 15

Ans   ✗ 1. A

     ✗ 2. C

     ✗ 3. B

     ✔ 4. D

Q.54

Question ID : 2055233855
Status : Answered
Chosen Option : 2

What fraction of 2 hours is 18 seconds?

A. 1/200
B. 1/300
C. 1/400
D. 1/600

Ans ✗ 1. A

✗ 2. D

✗ 3. B

✔ 4. C

Q.55 Gitesh took a loan for 6 years at 5% Simple Interest. If the total interest paid was Rs. 615, calculate the principal.

A. Rs. 2000
B. Rs. 2050
C. Rs. 2100
D. Rs. 2150

Question ID : 2055233865	
Status : Answered	
Chosen Option : 2	

Ans ✗ 1. C

✗ 2. D

✔ 3. B

✗ 4. A

Q.56 Read the statements and select a conclusion from the given alternatives:

Statements: The national norm is 100 classrooms per thousand population, but in this state, 150 classrooms per thousand are available in the schools.

Conclusions:
  I. Our national norm is appropriate.
  II. This state's education system is taking adequate care in this regard.

Choose the right option.

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

Question ID : 2055233911	
Status : Answered	
Chosen Option : 4	

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Q.57 If $40x^2 = 734^2 - 234^2$, then find the value of x.

A. 110
B. 121
C. 11
D. 144

Question ID : 2055233872	
Status : Answered	
Chosen Option : 1	

Ans ✗ 1. C

✗ 2. D

✗ 3. B

✔ 4. A

Q.58 **Consider the following statements & choose the correct option.**
1. Formation of blood cells in the bone marrow by a process called haemopoiesis.
2. Detoxification or removal of certain poisonous substances.

A. Both 1 & 2 are functions of the skeleton.
B. Both 1 & 2 are functions of the kidney
C. 1 is the function of kidney and 2 of skeleton.
D. 1 is the function of joints and 2 of skeleton

Question ID : 2055233839	
Status : Answered	
Chosen Option : 2	

Ans 1. D

2. C

3. A

4. B

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

Q.59

Question ID : 2055233831	

A blue, violet, or red flavonoid pigment found in plants is due to the presence of

A. Carotene
B. Anthocyanine
C. Xanthophylls
D. Chlorophyll

Chosen Option : 4

Ans
1. A ✗
2. C ✗
3. B ✓
4. D ✗

Q.60 Which of the following chemical reactions is always endothermic in nature?

A. Combustion reaction
B. Decomposition reaction
C. Displacement reaction
D. Combination reaction

Question ID : 2055233811
Status : Answered
Chosen Option : 1

Ans
1. D ✗
2. A ✗
3. B ✓
4. C ✗

Q.61 Who is the author of famous autobiography "Dreaming Big: My Journey to Connect India"?

A. Abdul Kalam
B. Sam Pitroda
C. Nandan Nilekani
D. Azim Premji

Question ID : 2055233816
Status : Answered
Chosen Option : 1

Ans
1. A ✗
2. B ✓
3. D ✗
4. C ✗

Q.62 If $4\sin\theta - 3\cos\theta = 0$, then $\sec\theta\cosec\theta$ is:

A. 5/12
B. 25/12
C. 13/12
D. 12/5

Question ID : 2055233877
Status : Answered
Chosen Option : 1

Ans
1. B ✓
2. A ✗
3. C ✗
4. D ✗

Q.63 If in a certain language, STAR is coded as TSRA, how is MOON coded in that code?

A. OMNO
B. OOMN
C. NMOO
D. OMON

Question ID : 2055233884
Status : Answered
Chosen Option : 1

Ans
1. B ✗
2. D ✗
3. C ✗
4. A ✓

Q.64 Who became the 1st player to win ATP (Association of Tennis Professionals) World Tour Finals for the 4th consecutive time?

A. Novak Djokovic
B. Rafael Nadal
C. Serena Williams
D. Roger Federer

Question ID : 2055233824
Status : Answered
Chosen Option : 3

Ans
1. B ✗
2. C ✗

✔ 3. A

✘ 4. D

Q.65 Match the following correctly:

Invention/Discovery
P) Dynamite
Q) Dynamo
R) Electron
S) Proton

Inventor/Scientist
a. J.J.Thomson
b. Michael Faraday
c. Alfred Nobel
d. Rutherford

Question ID : 2055233814

Status : Answered

Chosen Option : 2

A. P-b, Q-c, R-a, S-d
B. P-c, Q-b, R-d, S-a
C. P-c, Q-b, R-a, S-d
D. P-d, Q-c, R-b, S-a

Ans ✘ 1. D

✔ 2. C

✘ 3. B

✘ 4. A

Q.66 Increase in carbon dioxide in atmosphere is caused by which of the following reasons?
1. Excessive use of fossil fuels
2. Deforestation
3. Increased number of vehicles
4. Excessive use of solar heaters

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

Question ID : 2055233849

Status : Answered

Chosen Option : 3

Ans ✘ 1. A

✘ 2. B

✘ 3. D

✔ 4. C

Q.67 Calculate the amount if Rs. 400 is invested on compound interest at the rate of 5% per annum for 2 years.

A. 440
B. 441
C. 445
D. 480

Question ID : 2055233866

Status : Answered

Chosen Option : 2

Ans ✘ 1. A

✔ 2. B

✘ 3. D

✘ 4. C

Q.68 Complete the Figure X from the 4 alternatives 1,2,3,4

(X)   (1)   (2)   (3)   (4)

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

Question ID : 2055233891

Status : Answered

Chosen Option : 4

Ans ✘ 1. B

✘ 2. C

✘ 3. A

✔ 4. D

Q.69 Which among the following network topologies has the highest transmission speed?

    A. LAN
    B. WAN
    C. MAN
    D. Both LAN and WAN have equal transmission speeds.

Ans ✔ 1. A

    ✘ 2. B

    ✘ 3. D

    ✘ 4. C

Question ID : 2055233828

Status : Answered

Chosen Option : 3

Q.70 On dividing $15y^3 - 30y^2 + 12y - 12$ by $3y - 6$, the remainder is:

    A. 6
    B. 36
    C. 30
    D. 12

Ans ✔ 1. D

    ✘ 2. C

    ✘ 3. B

    ✘ 4. A

Question ID : 2055233870

Status : Answered

Chosen Option : 1

Q.71 Read the statements and select a conclusion from the given alternatives:

Statements: Some benches are autos.
          All the boxes are autos.
          All the pens are benches.
Conclusions:
          (1) Some benches are boxes.
          (2) No pen is auto.
          (3) Some boxes are benches.

    A. None of three
    B. Only (1) and (2)
    C. Only (1) and (3)
    D. Only (2) and (3)

Ans ✘ 1. C

    ✘ 2. D

    ✔ 3. A

    ✘ 4. B

Question ID : 2055233901

Status : Answered

Chosen Option : 2

Q.72 Indian has the largest area under _____ crop in the World.

    A. Oil Seeds
    B. Sugarcane
    C. Wheat
    D. Apple

Ans ✘ 1. C

    ✔ 2. B

    ✘ 3. A

    ✘ 4. D

Question ID : 2055233835

Status : Answered

Chosen Option : 2

Q.73 The longest chord in a circle is:

    A. Radius
    B. Diameter
    C. Segment
    D. Sector

Ans ✔ 1. B

Question ID : 2055233875

Status : Answered

Chosen Option : 1

✗ 2. C

✗ 3. A

✗ 4. D

Q.74 Read the statements and select a conclusion from the given alternatives:

Statement: Good health is a luxury in country 'X' where rate of mortality due to hunger, malnutrition and unhygienic conditions is very high as compared to other nations of that region.

Conclusions:
I. People in country 'X' can't afford to have many luxuries life.
II. Good health is a gift of nature.

Choose the right option

A. only conclusion I follows.
B. only conclusion II follows.
C. either I or II follows.
D. neither I nor II follows.

Question ID : 2055233912

Status : Answered

Chosen Option : 1

Ans ✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.75 Which mirror is preferred as a rear-view (wing) mirrors in vehicles because of its wider field of view?

A. Convex
B. Plane
C. Concave
D. Concavo convex

Question ID : 2055233838

Status : Answered

Chosen Option : 4

Ans ✗ 1. D

✓ 2. A

✗ 3. B

✗ 4. C

Q.76 The main objectives of Indian space programme are:
1. Mass Communication and education via satellite.
2. Survey and management of natural resources through remote sensing technology, environmental monitoring and meteorological forecasting.
3. Development of indigenous satellites and satellite launch vehicles.

A. Only 1
B. Only 2
C. 1 & 3 both
D. 1, 2 and 3

Question ID : 2055233847

Status : Answered

Chosen Option : 2

Ans ✓ 1. D

✗ 2. B

✗ 3. A

✗ 4. C

Q.77 Four pair of words are given below out of which three are alike in some manner and one pair is different. Which is different from the rest?

A. Hard : Soft
B. Long : High
C. Sweet : Sour
D. Pointed : Blunt

Question ID : 2055233888

Status : Answered

Chosen Option : 3

Ans ✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

Q.78 Read the statements and select a conclusion from the given alternatives:

Statements: All the wires are books.
All the plates are books.
Some wallets are plates.

Conclusions:
(1) Some wires are plates.
(2) Some books are wires.
(3) Some books are wallets.

A. Only (1)
B. Only (2) and (3)
C. Only (1) and (2)
D. Only (1) and (3)

Question ID : 2055233900

Status : Answered

Chosen Option : 3

Ans

✗ 1. D

✗ 2. C

✔ 3. B

✗ 4. A

Q.79 Four pair of words are given below out of which three are alike in some manner and one pair is different. Which is different from the rest?

A. Student : Scholar
B. Paddy : Husk
C. Soldier : Warrior
D. Politician : Leader

Ans   ✗ 1. A

✗ 2. C

✗ 3. D

✔ 4. B

| Question ID : 2055233892 |
| Status : Answered |
| Chosen Option : 1 |

Q.80 If Selling Price is Rs. 84 & Gain Percentage = 20%, Calculate the Cost Price.

A. Rs. 70
B. Rs. 68
C. Rs. 71
D. Rs. 69

Ans   ✗ 1. D

✗ 2. B

✔ 3. A

✗ 4. C

| Question ID : 2055233867 |
| Status : Answered |
| Chosen Option : 2 |

Comprehension:

Based on the table below answer the following questions:
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

Infrastructure	20
Transport	12.5
Advertisement	15
Taxes	10
R&D	5
Salaries	20
Interest on Loans	17.5

SubQuestion No : 81

Q.8 If the interest on loans amounted to Rs.2.45 crores, then the total amount of expenditure on advertisement, taxes and 1 research and development of Zeta Interactive Services is

A. Rs. 7 crores
B. Rs. 5.4 crores
C. Rs. 4.2 crores
D. Rs. 3 crores

Ans   ✗ 1. A

✔ 2. C

✗ 3. B

✗ 4. D

| Question ID : 2055233910 |
| Status : Answered |
| Chosen Option : 3 |

Comprehension:

Based on the table below answer the following questions:
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

Infrastructure	20
Transport	12.5
Advertisement	15
Taxes	10
R&D	5
Salaries	20
Interest on Loans	17.5

SubQuestion No : 82

Q.82 What is the ratio of the total expenditure on infrastructure and transport to the total expenditure on taxes and interest on loans of Zeta Interactive Services?

A. 5:4
B. 8:7
C. 9:7
D. 13:11

Question ID : 2055233909
Status : Answered
Chosen Option : 2

Ans ✗ 1. A

✗ 2. B

✔ 3. D

✗ 4. C

Comprehension:

Based on the table below answer the following questions:
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

Infrastructure	20
Transport	12.5
Advertisement	15
Taxes	10
R&D	5
Salaries	20
Interest on Loans	17.5

SubQuestion No : 83

Q.83 If the expenditure of Zeta Interactive Services on advertisement is 2.10 crores then the difference between the expenditure on transport and taxes is?

A. Rs. 1.25 crores
B. Rs. 95 lakhs
C. Rs. 65 lakhs
D. Rs. 35 lakhs

Question ID : 2055233908
Status : Answered
Chosen Option : 1

Ans ✗ 1. A

✗ 2. C

✔ 3. D

✗ 4. B

Q.84

A shopkeeper purchased a stereo system of marked price Rs. 2000, at successive discounts of 10% & 15% respectively. He then spent Rs.70 on packaging and sold it at Rs.2000. Calculate his gain percentage.

A. No Gain
B. 25%
C. 30%
D. 35%

Ans　✗ 1. A

　　✗ 2. D

　　✔ 3. B

　　✗ 4. C

Question ID : 2055233869	
Status : Answered	
Chosen Option : 1	

Q.85 Who among the following is/was not associated with Cricket?

A. Farhaan Behardien
B. Aaron Phangiso
C. Vernon Philander
D. Stan Wawrinka

Ans　✔ 1. D

　　✗ 2. A

　　✗ 3. C

　　✗ 4. B

Question ID : 2055233823	
Status : Answered	
Chosen Option : 2	

Q.86 Which of the following is the outermost part of human skin?

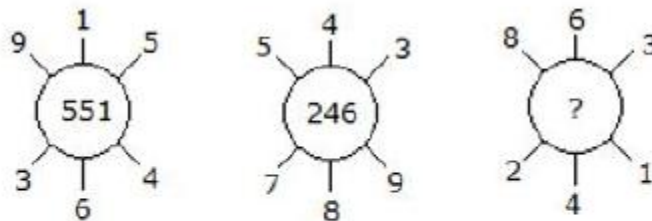A. Epidermis
B. Dermis
C. Hypodermis
D. Nerve Fiber

Ans　✗ 1. C

　　✔ 2. A

　　✗ 3. D

　　✗ 4. B

Question ID : 2055233844	
Status : Answered	
Chosen Option : 2	

Q.87 Insert the missing character in?

A. 262
B. 622
C. 631
D. 824

Ans　✔ 1. B

　　✗ 2. C

　　✗ 3. D

　　✗ 4. A

Question ID : 2055233886	
Status : Answered	
Chosen Option : 1	

Q.88 Indian National Army was formed by:

A. Mohan Singh
B. Subhash Chandra Bose
C. Chandrashekhar Azad
D. Ras Bihari

Ans

Question ID : 2055233837	
Status : Answered	
Chosen Option : 1	

✗ 1. B

✓ 2. A

✗ 3. C

✗ 4. D

Q.89 Factors of $x^2 - 6x + 8$ are:

A. $(x - 4)(x - 2)$
B. $(x + 4)(x + 2)$
C. $(x + 8)(x - 2)$
D. $(x - 4)(x + 2)$

Ans ✓ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

Question ID : 2055233871
Status : Answered
Chosen Option : 1

Q.90 Find the least number that must be subtracted from 87375, to get a number exactly divisible by 698.

A. 120
B. 125
C. 250
D. 375

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Question ID : 2055233854
Status : Not Attempted
Chosen Option : --

Q.91 Which company developed the Android OS, a mobile operating system Software in 2007?

A. Microsoft Corp.
B. Google Corp.
C. Intel
D. Apple Corp.

Ans ✗ 1. C

✗ 2. A

✓ 3. B

✗ 4. D

Question ID : 2055233829
Status : Answered
Chosen Option : 2

Q.92 In a certain code language, if HISTORY is coded as 7326845 and CIVICS is coded as 135312, then VISITOR will be coded as?

A. 5323684
B. 6843532
C. 8463352
D. 5323648

Ans ✗ 1. B

✓ 2. A

✗ 3. C

✗ 4. D

Question ID : 2055233882
Status : Answered
Chosen Option : 2

Q.93 A man buys 20 pencils for Rs. 6 and sells 16 pencils for Rs. 6. Calculate his gain or loss percentage.

A. 20
B. 25
C. 27
D. 30

Ans 1. C

2. B

3. A

4. D

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

Question ID : 2055233868
Status : Not Attempted
Chosen Option : --

Q.94

Question ID : 2055233858

Three clocks are designed to alarm once every hour, every two hours and every three hours respectively. If they all alarmed together now, after how many hours they will together alarm next?

A. 3 hours
B. 6 hours
C. 4 hours
D. 12 hours

Chosen Option : 1

Ans   ✗ 1. A

     ✗ 2. D

     ✓ 3. B

     ✗ 4. C

Q.95 If a/b = 1/3 ; b/c =1/2 and a=2 then the value of c is:

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

Question ID : 2055233860

Status : Answered

Chosen Option : 3

Ans   ✗ 1. B

     ✗ 2. A

     ✓ 3. C

     ✗ 4. D

Q.96 If in a certain language, SINK is coded as ISKN, how is MINT coded in that code?

A. TMNI
B. IMTN
C. INMT
D. TINM

Question ID : 2055233883

Status : Answered

Chosen Option : 1

Ans   ✓ 1. B

     ✗ 2. C

     ✗ 3. D

     ✗ 4. A

Q.97 To take the revenge for the Jallianwala Bagh Massacre, who killed General O'Dwyer in London?

A. Sardar Bhagat Singh
B. Sardar Udham Singh
C. Sardar Ajit Singh
D. Raj Guru

Question ID : 2055233836

Status : Not Attempted

Chosen Option : --

Ans   ✗ 1. C

     ✗ 2. A

     ✓ 3. B

     ✗ 4. D

Q.98 Read the statements and select a conclusion from the given alternatives:

Statements: Our equity investments carry market risk. Consult your investment advisor or agent before investing.
Conclusions:
     I. One should not invest in equity.
     II. The investment advisor calculates the market risk with certainty.

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

Question ID : 2055233913

Status : Answered

Chosen Option : 2

Ans   ✗ 1. A

     ✓ 2. B

     ✗ 3. D

     ✗ 4. C

Q.99 In a right-angled triangle, the hypotenuse is 2cm longer than the perpendicular which is 2cm longer than the base. Calculate the length of the base.

A. 6 cm
B. 9 cm
C. 10 cm
D. 8 cm

Question ID : 2055233873

Status : Not Attempted

Chosen Option : --

Ans   ✗ 1. C

     ✗ 2. B

✔ 3. A

✘ 4. D

Q.10 0 Who among the following is famously known as "The Haryana Hurricane"?

    A. Mansoor Ali Khan Pataudi
    B. Kapil Dev
    C. Saina Nehwal
    D. Vijender Singh

Ans   ✘ 1. A

      ✔ 2. B

      ✘ 3. D

      ✘ 4. C

Question ID : 2055233822

Status : Not Attempted

Chosen Option : --