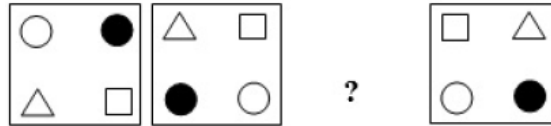
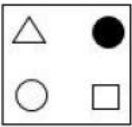
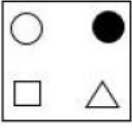
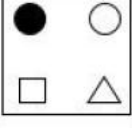
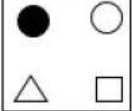


RRB NTPC Previous Year Question Paper Mock – (Questions)

Q1. Look carefully at the sequence of symbols to find the pattern.



Which of the following will replace the (?) in the sequence?

- A. 
- B. 
- C. 
- D. 

- (a) B
- (b) D
- (c) C
- (d) A



Q2. In a certain code, 592 means 'grapes are sweet', 374 means 'I like oranges' and 267 means 'oranges are sour'. Which digit represents sour?

- (a) 9
- (b) 5
- (c) 6
- (d) Cannot be determined

Q3. Which of the following statements true with respect to Glucometer ?

- (a) It is a medical device.
- (b) It is a non-medical device.
- (c) It is used to measure oxygen level in the air.
- (d) It is used to measure nitrogen level in the air.

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Q4. Car B is twice as fast as car A. If car A covers 90 km in 2 hours, what is the speed of car B?

- (a) 90 kmph
- (b) 80 kmph
- (c) 100 kmph
- (d) 70 kmph

Q5. Which among the following gas is not colourless and odourless?

- (a) Nitrogen
- (b) Chlorine
- (c) Hydrogen
- (d) Oxygen

Q6. The ratio of speeds of X and Y is 5 : 7. Y covers a distance of 420 km in 3 hours. What is the speed of X ?

- (a) 80 kmph
- (b) 90 kmph
- (c) 100 kmph
- (d) 120 kmph

Q7. Cricket World Cup 2015 was hosted by

- (a) England
- (b) New Zealand
- (c) Australia
- (d) New Zealand & Australia

Q8. The World Heritage Site Bhimbetka in MP is famous for

- (a) Forests
- (b) Mountain ranges
- (c) Rock shelters
- (d) Waterfalls

Q9. The standard deviation of the set {10, 11, 9, 11, 9} is

- (a) $1/\sqrt{5}$
- (b) $2/\sqrt{5}$
- (c) $3/\sqrt{3}$
- (d) 0

Q10. An assertion (A) and reason (R) are given below.

Assertion (A) : Plants convert light energy into chemical energy during the process of photosynthesis.

Reason (R): Sugar produced from photosynthesis by plants is used by human beings as a source of energy.

Choose the correct option.

- (a) Both A and R are true and R is the correct explanation of A
- (b) Both A and R are true, but R is not the correct explanation of A
- (c) A is true, but R is false
- (d) A is false, but R is true

Q11. How many times does the number 5 occur in the range of numbers from 1 to 100 ?

- (a) 21
- (b) 22
- (c) 20
- (d) 19

Q12. A body in motion essentially acquires

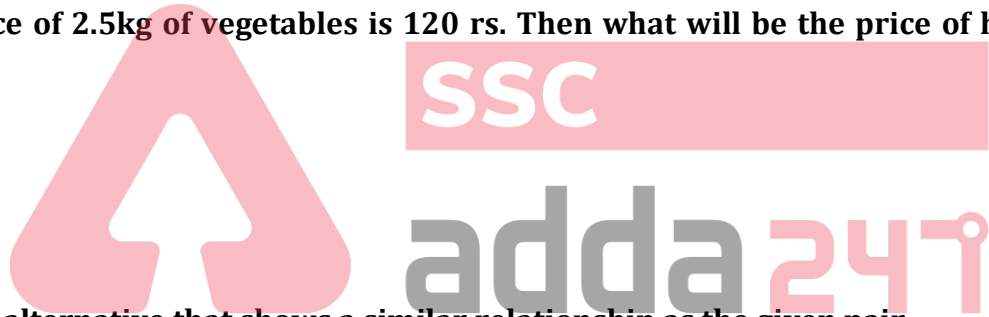
- (a) Kinetic energy
- (b) Potential energy
- (c) Mechanical energy
- (d) Heat energy

Q13. In a certain code, if LEMON is coded as PWOMN then SHIRT is coded as

- (a) ITSJH
- (b) GRQHF
- (c) HSRIG
- (d) TRIHS

Q14. If the price of 2.5kg of vegetables is 120 rs. Then what will be the price of half kilogram of vegetables.

- (a) 60
- (b) 36
- (c) 24
- (d) 48



Q15. Select the alternative that shows a similar relationship as the given pair-

Yarn : Fabric

- (a) Root : Tree
- (b) Heart : Body
- (c) Metal : Sword
- (d) Ink : Pen

Q16. In which year, was the Nobel Peace Prize jointly given to Kailash Satyarthi and Malala Yousafzai ?

- (a) 2012
- (b) 2013
- (c) 2014
- (d) 2015

Q17. What is the name of the spacecraft to be launched in 2019-20 by ISRO to study the sun ?

- (a) Surya
- (b) Aditya
- (c) Ravi
- (d) Bhaskar

Q18. Who was the first woman president of Indian National Congress in pre-Independent India ?

- (a) Vijayalakshmi Pandit
- (b) Sarojini Naidu
- (c) Annie Besant
- (d) Madam Cama

Q19. Right To Information (RTI) Act came into effect in the year

- (a) 2004
- (b) 2005
- (c) 2006
- (d) 2007

Q24. Osteoporosis is related to

- (a) bones
- (b) heart
- (c) Kidney
- (d) lungs

Q20. The sum of three consecutive even numbers is 42. Find the middle number.

- (a) 12
- (b) 18
- (c) 16
- (d) 14

Q21. Solve: $(x + 2y)(2x - y)$

- (a) $2x^2 + 5xy + 2y^2$
- (b) $2x^2 + 3xy - 2y^2$
- (c) $x^2 + 4xy + y^2$
- (d) $x^2 + 4xy - y^2$

L1Difficulty 3

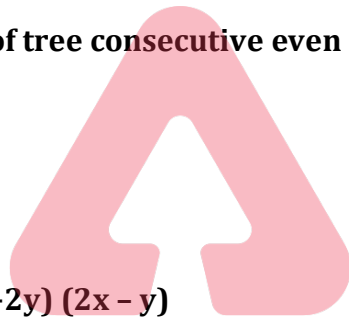
Q22. Find the mean and mode of the given number.

{ 1,9,5,4,2,1,9,9,2,1,9,1,2,1 }

- (a) 4 and 9
- (b) 5 and 1
- (c) 4 and 1
- (d) 5 and 9

Q23. Find the odd one .

- (a) Hydrogen: Sulphuric Acid
- (b) Chlorine: Salt
- (c) Oxygen: Water
- (d) Nitrogen: Hydrochloric Acid



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Q24. Osteoporosis is related to

- (a) Bones
- (b) Heart
- (c) Kidney
- (d) Lungs

Q25. Who among the following is not a Bharat Ratna recipient ?

- (a) Bhimsen Joshi
- (b) A. R. Rahman
- (c) Lata Mangeshkar
- (d) M. S. Subbulakshmi

Q26. The UNESCO World Heritage Site, Victoria Memorial Hall is located in which India city?

- (a) Mumbai
- (b) Chennai
- (c) Kolkata
- (d) Delhi

Q27. The value of $(\sec^2\theta + 2\tan\theta\cot\theta - \tan^2\theta)$ is

- (a) 0
- (b) 1
- (c) 2
- (d) 3



Q28. Who is known as “Bismarck of India”?

- (a) J.L Nehru
- (b) Vallabh bhai patel
- (c) Sarojini Naidu
- (d) Lokmanya tilak

Q29. A, B and C together can complete a work in 25 days. If the ratio of efficiency of A, B and C is 15 : 10 : 6 respectively, then in how many days C alone can complete the same work?

- (a) $727/6$
- (b) $725/6$
- (c) $775/6$
- (d) $745/6$

Q30. If $4x + 5y = 14$ and $x - 5y = 16$ then the value of x and y are

- (a) 10 and $-6/5$
- (b) 6 and 2
- (c) 10 and $6/5$
- (d) 6 and -2

Q31. You have 20 big and 16 small diaries and want to make gift packs containing in each pack. What is the maximum number of gift packs you can make without any left over ?

- (a) 5
- (b) 4
- (c) 3
- (d) 2

Q32. The Mars Orbiter Mission (MOM) ,Mangalyaan was launched in the year ____

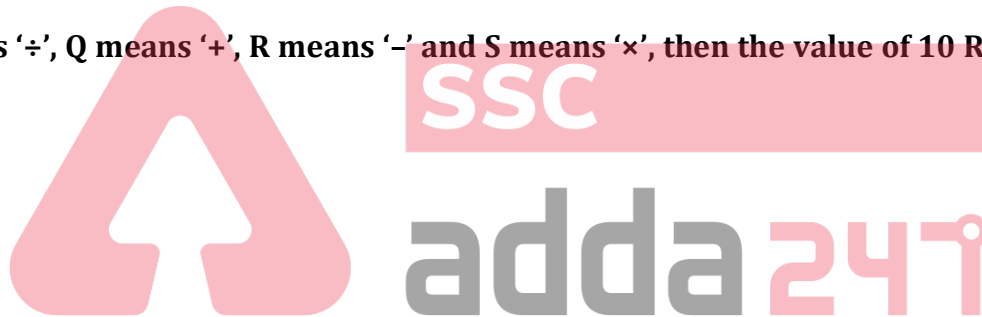
- (a) 2012
- (b) 2013
- (c) 2014
- (d) 2015

Q33. World's maximum newsprint comes from-

- (a) Tropical Deciduous forest
- (b) Tropical Evergreen forest
- (c) Mangrove forest
- (d) Rained forest

Q34. If P means '÷', Q means '+', R means '-' and S means '×', then the value of $10 R 192 P 48 S 48 P 96 Q 1$ is

- (a) 10
- (b) 9
- (c) 8
- (d) 7



Q35. If $L : M = 3 : 5$ and $M : N = 2 : 3$, then $N : L = ?$

- (a) 2 : 1
- (b) 5 : 2
- (c) 3 : 2
- (d) 1 : 2

Q36. Cost price of an article is Rs 5800. If the loss percentage is 33%, then what is the selling price (in Rs) of the article?

- (a) 3886
- (b) 3424
- (c) 4420
- (d) 5168

Q37. When the human body temperature falls by about 2-3.5°F below the normal temperature, the condition is known as

- (a) Fever
- (b) Hypothermia
- (c) Hyperthermia
- (d) Hyperpyrexia

Q38. 'Blood' is related to 'Vein' in the same way as 'Oil' is related to

- (a) Car
- (b) Engine
- (c) Pipelines
- (d) Petrol

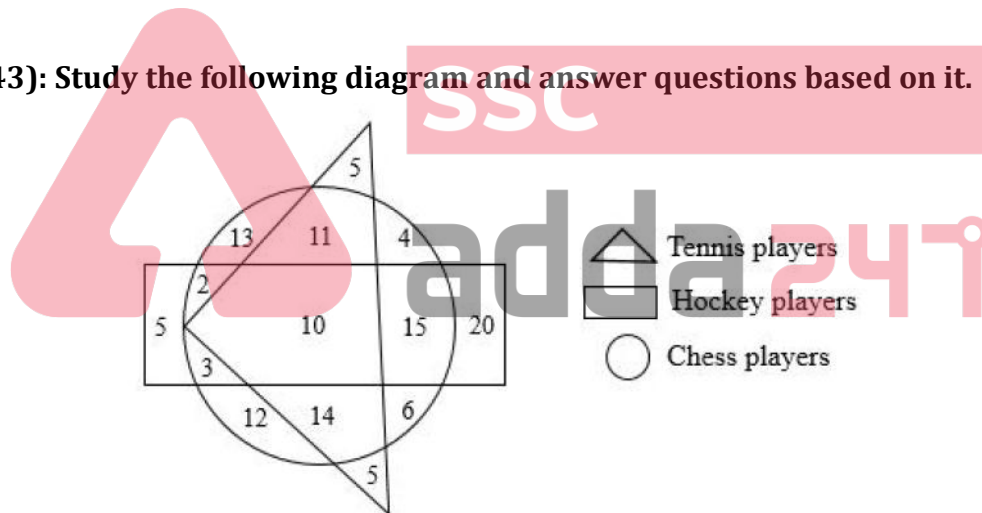
Q39. Full form of BIOS is

- (a) Binary Interchange Operation System
- (b) Basic Input Output System
- (c) Beginner's Input Operation Symbol
- (d) Basic Interface Oriented Service

Q40. Which of the following is generally not the cause of the cancer?

- (a) Environmental Factors
- (b) Genetic Mutation
- (c) Genetic Modification
- (d) Transmission

Direction (41-43): Study the following diagram and answer questions based on it.



Q41. The number of non-chess players is how much more than the players who play both chess and tennis.

- (a) 5
- (b) 10
- (c) It is the same
- (d) Cannot be determined

Q42. The number of tennis players who are not hockey players is

- (a) 10
- (b) 50
- (c) 55
- (d) 35

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Q43. The ratio of hockey players to chess players is

- (a) 9/18
- (b) 10/18
- (c) 11/18
- (d) 15/18

Q44. Find the missing (?) in the series

BCA, FGE, ?, NOM, RSQ, VWU

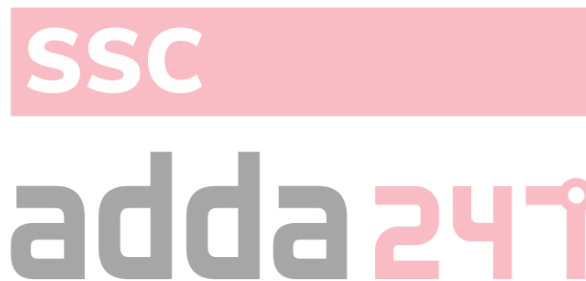
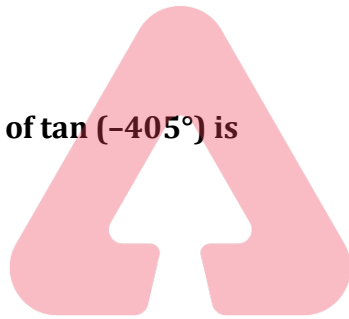
- (a) IJH
- (b) KLJ
- (c) KJI
- (d) JKI

Q45. If the mathematical operator '+' means '÷', '-' means '+', '÷' means '×' and '×' means '-', then value of $17-7\div 27+3\times 79$ is

- (a) -1
- (b) 0
- (c) 1
- (d) 2

Q46. The value of $\tan (-405^\circ)$ is

- (a) 1
- (b) -1
- (c) ∞
- (d) 0



Q47. Which among the following is not a greenhouse gas?

- (a) Ozone
- (b) Nitrous oxide
- (c) Water vapor
- (d) Hydrogen

Q48. The code name of India- Pakistan kargil war is _____

- (a) Operation Blue Star
- (b) Operation Vijay
- (c) Operation Viraat
- (d) Operation Kargil

Q49. In a certain language, if PLATE is written as CYNGR, then SHOCK will be written as

- (a) HSLXP
- (b) FUBPX
- (c) HUYPX
- (d) FSBXP

Q50. Which of the following does computing in a personal computer ?

- (a) CPU
- (b) Motherboard
- (c) RAM
- (d) BIOS

Q51. What is the highest common factor of 360 and 450?

- (a) 90
- (b) 45
- (c) 10
- (d) 9

Q52. Akhil is the maternal uncle of Rashmi. Rashmi is the daughter of Ramesh. How is Ramesh related to Akhil?

- (a) Brother-in-law
- (b) Brother
- (c) Father
- (d) Cousin

Q53. Statements followed by some conclusions are given below.

Statements :

1. Tea is green, Coffee is brown and milk is white.
2. More than half of the town likes tea.
3. People who like white don't like green and some people who like brown don't like white.

Conclusions :

- I. Green is more popular in the town.
- II. There is at least one coffee drinker who does not like tea.

Find which of the given conclusions logically follows from the given statements.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q54. The Rupee sign ₹. was adopted by Government of India in the year.

- (a) 2009
- (b) 2010
- (c) 2011
- (d) 2012

Q55. The second largest river in terms of length in India is

- (a) Narmada
- (b) Yamuna
- (c) Brahmaputra
- (d) Godavari

Q56. On a certain principal, simple interest amounts to Rs. 2,000 in two years at the rate of 10% p.a. What will be difference in the amount of interest if the same is compounded on annual basis ?

- (a) Rs. 200
- (b) Rs. 220
- (c) Rs. 100
- (d) Rs. 120

Q57. A prime number

- (a) Is not a positive integer.
- (b) Has no divisor at all.
- (c) Has only 1 and itself as divisors.
- (d) Has more than two divisors.

Q58. Russian Sukhoi 24 (SU-24) flight was shot down in November 2015 by

- (a) Syria
- (b) North Korea
- (c) Afghanistan
- (d) Turkey

Q59. Ram lent Rs. 6,000/-to Shiva for 3 years and Rs. 8,000/-to Krishan for 5 years at the same rate of simple interest per annum. He got a total interest of Rs. 5,220 from both. Find the rate of interest per annum.

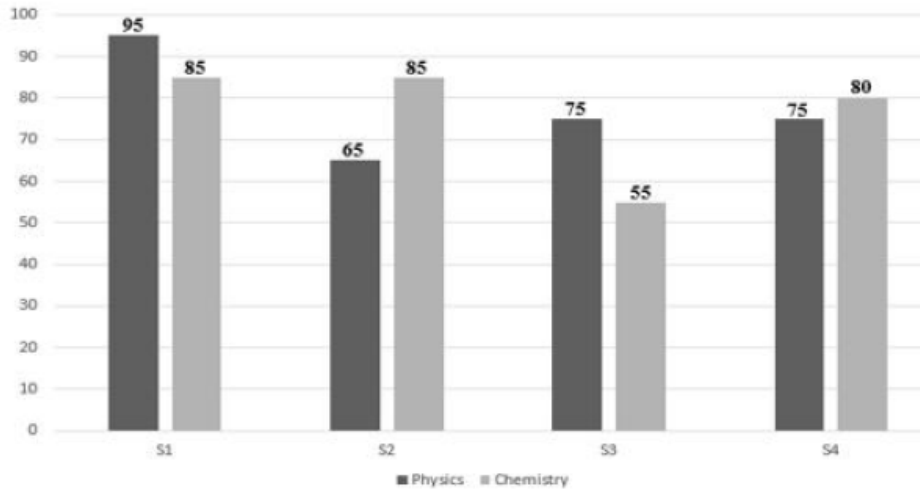
- (a) 6%
- (b) 7%
- (c) 8%
- (d) 9%

Q60. The first Indian to wing an Olympic medal in badminton was

- (a) Syed Modi
- (b) Prakash Padukone
- (c) Pullela Gopichand
- (d) Saina Nehwal



Direction (61-63): The bar chart represents marks of four students S1, S2, S3 and S4 in physics and Chemistry. Consider the bar chart and answer questions based on it.



Q61. What is the ratio of total of all students in Chemistry to that of physics in percentage ?

- (a) 94%
- (b) 96%
- (c) 98%
- (d) 102%

Q62. What is the ratio of total marks in both subjects obtained by S2 to that of S4?

- (a) 25/31
- (b) 30/31
- (c) 36/31
- (d) 31/25

Q63. What is the ratio of marks obtained in Physics of S3 to that S1 ?

- (a) 11/19
- (b) 15/19
- (c) 13/19
- (d) 17/19

Q64. $P + Q = 2(P - Q)$ If $Q = 10$, what is the value of P ?

- (a) 10
- (b) 40
- (c) 20
- (d) 30

Q65. Select the related word/letters/number from the given alternatives.

Rabi Crop : Oat :: Kharif Crop : ?

- (a) Mustard
- (b) Wheat
- (c) Barley
- (d) Paddy

Q66. What is the area of the square, if the length of its diagonal is $13\sqrt{2}$ units ?

- (a) 104 sq. units
- (b) 169 sq. units
- (c) 338 sq. units
- (d) 676 sq. units

Q67. The pressure inside the cabin of the aircraft flying at an altitude is

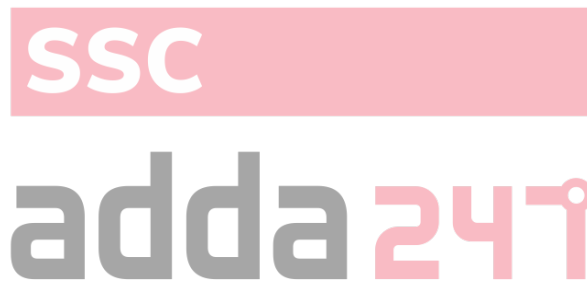
- (a) The same as that outside.
- (b) Less than that outside.
- (c) More than that outside.
- (d) Normal atmospheric pressure at sea level.

Q68. The marked price of an article is 60% more than its cost price. If the article is sold for Rs 300 after offering a discount of Rs 20, then what will be the profit percentage?

- (a) 40
- (b) 50
- (c) 25
- (d) 45

Q69. 'Akash' developed by DRDO is

- (a) A surface-to-air missile system.
- (b) A surface-to-surface missile system.
- (c) A air-to-surface missile system.
- (d) Not a missile system.



Q70. In a certain town, ST Bazaar is the only option for people to buy groceries. A healthy marketplace is characterized by competition and not monopoly. Which conclusion follows the given statements?

- (a) ST Bazaar is a family owned business.
- (b) ST Bazaar is a super market.
- (c) ST Bazaar has monopoly in the town.
- (d) ST Bazaar is liked by most people of the town.

Q71. Which of the following fractions is the least of all?

- (a) $\frac{6}{5}$
- (b) $\frac{4}{3}$
- (c) $\frac{3}{2}$
- (d) $\frac{5}{4}$

Q72. Make a meaningful sentence by using the given words .

5: and

6: Gopu

7: a famous mathematician

8: is also

9: is a great writer

(a) 68759

(b) 69875

(c) 69587

(d) 68795

Q73. If "A" denotes "added to", "B" denotes "divided by", "C" denotes "multiplied by" and "D" denotes "subtracted from", then $154 B 11 C 6 A 6 D 27 = ?$

(a) 60 (b) 63

(c) 33 (d) 64

Q74. 'Cow' has been declared as the personality of the year 2015 by

(a) Microsoft

(b) Google

(c) Yahoo India

(d) Facebook

Q75. ZIKA virus which causes neurological birth disorders is transmitted by

(a) Rat bites

(b) Mosquito bites

(c) Snake bites

(d) Monkey bites

Q76. If a person has sold an article for Rs. 1,300 and made a profit of 30%, find the cost price of the article.

(a) Rs. 1,000

(b) Rs. 1,200

(c) Rs. 1,250

(d) Rs. 1,100

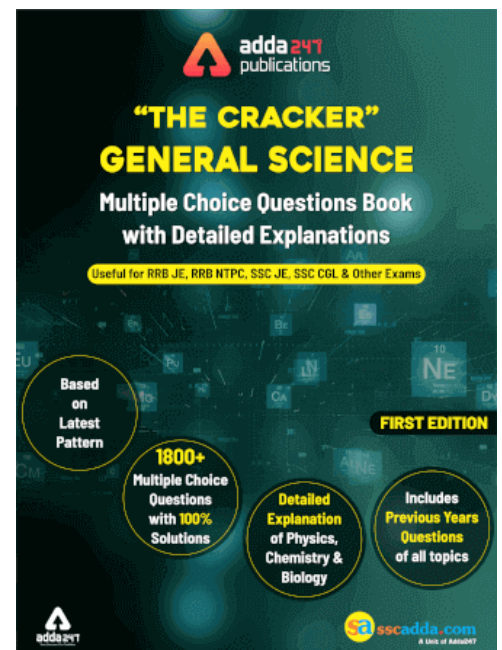
Q77. The statement -"That's one small step for man, one giant leap for mankind" said by-

(a) Lyndon Johnson

(b) Richard Nixon

(c) Neil Armstrong

(d) John F. Kennedy



Q78. If PERK = 5638 and BLACKEN = 4917862 then 7317896 is

- (a) PRICLE
- (b) CRANKLE
- (c) CRIPPLE
- (d) CRACKLE

Q79. The GST Bill introduced in parliament in 2015 is

- (a) A financial bill.
- (b) Not a money bill.
- (c) A constitutional amendment bill.
- (d) An ordinary bill.

Q80. Which of the following is used for purification of drinking water?

- (a) Catalytic agent
- (b) Reducing agent
- (c) Sterilizing agent
- (d) Oxidizing agent

Q81. World Environment Day is celebrated on

- (a) 5th April
- (b) 15th May
- (c) 5th June
- (d) 15th July

Direction (82-85): Five boys are sitting on a bench facing south to be photographed. Sachin is to the left of Ram and to the right of Bin. Monty is to the right of Ram. Rony is between Ram and Monty.

Q82. Who is in the middle of the photograph?

- (a) Bin
- (b) Ram
- (c) Rony
- (d) Sachin

Q83. Who is second from the right in the photograph?

- (a) Monty
- (b) Ram
- (c) sachin
- (d) Bin

Q84. Who is second from the left in the photograph?

- (a) Rony
- (b) Monty
- (c) Bin
- (d) Sachin

Q85. Who is at the most right end in the photograph?

- (a) Rony
- (b) Monty
- (c) Bin
- (d) Sachin

Q86. Women's Doubles World Champions for 2015 announced by International Tennis Federation are

- (a) Martina Hingis and Sania Mirza
- (b) M Sands and L Safarova
- (c) Serena Williams and Venus Williams
- (d) Sara Errani and Roberta Vinci

Q87. The sum of two numbers is 25 and sum of their square is 313. Calculate the numbers.

- (a) 15, 10
- (b) 18, 7
- (c) 11, 14
- (d) 12, 13

Q88. Find the range of the data: 11, 13, 9, 17, 13, 19, 10, 11

- (a) 9
- (b) 10
- (c) 11
- (d) 13



Q89. Find the value of (?) in the series 3, 4, 6, 8, 12, ?, 18

- (a) 13
- (b) 14
- (c) 15
- (d) 16

Q90. World No-Tobacco Day falls on

- (a) 1st May
- (b) 31st May
- (c) 1st June
- (d) 30th June

Q91. Expand: $(s + 2)^3$

- (a) $s^3 + 3s^2 + 12s + 8$
- (b) $s^3 + 3s^2 + 6s + 8$
- (c) $s^3 + 6s^2 + 12s + 8$
- (d) $s^3 + 6s^2 + 6s + 8$

Q92. Biotechnology means

- (a) Technical study of bacteria
- (b) Technical study of chemicals in the body.
- (c) Infusion of technology in human anatomy.
- (d) Use of living organisms in industrial processes.

Q93. Karan's number in the queue is twelfth from the counter. There are five people between Karan and Sunil. What is Sunil's number in the queue?

- (a) 19
- (b) 18
- (c) 20
- (d) 17

Q94. Statement followed by some conclusions are given below.

Statements:

- 1. A bag has 2 white, 3 black, 4 red and 6 green balls.
- 2. 2 balls are selected at random from the bag.

Conclusions:

- I. The probability that a black ball is selected is $1/5$.
- II. The probability that red ball is selected is $6/15$.

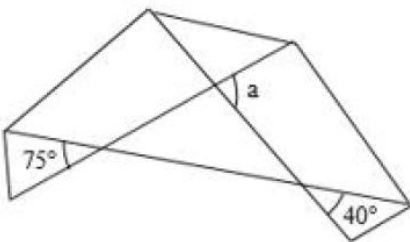
Find which of the conclusions logically follows from the given statements.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q95. Vikram and Vivek can finish a work in 50 days. They worked together for 20 days and then left. How much work has been done by them?

- (a) $3/5$
- (b) $1/3$
- (c) $1/2$
- (d) $2/5$

Q96. What is the value of a?



- (a) 65°
- (b) 75°
- (c) 105°
- (d) 115°

Q97. Debugging is the process of

- (a) Rolling out a software program.
- (b) Modifying a software program.
- (c) Checking errors in a software program.
- (d) Changing the design structure of a program.

Q98. The 103rd Indian Annual Science Congress was held in

- (a) Bengaluru
- (b) Mysore
- (c) New Delhi
- (d) Lucknow

Q99. The population of a town is 200000. It increases annually at the rate of 10%. What will be the population after 2 years?

- (a) 240000
- (b) 242000
- (c) 221000
- (d) 244000

Q100. Who was the chief guest on the occasion of Republic Day celebrations (2015) in India?

- (a) President of France
- (b) President of China
- (c) Prime Minister of Bhutan
- (d) President of U.S.A.

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