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Total Test 47

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Q1. Which of the following city has the lowest population.

Ans: T

Q2. Due to 20% decrease in price of wheat, a man is able to purchase 4 kg more wheat for Rs.80. Find the original price per kg.

Ans: Rs 5

Q3. A manufacturer sold his goods to wholesaler at 25% profit and wholesaler sells it to retailer at 20% profit and retailer sells it to customer at 28% profit. Find the cost price of goods to manufacturer if the customer purchases it for Rs 9600.

Ans: Rs 5000

Q4. A theatre reduces the cost of show ticket by 20% which eventually, increased the number of ticket sold by 30%. Find the percentage increase in the profit.

Ans: 4%

Q5. While organizing a seminar, some invitations were sent and a hall was booked. At a later stage, it was realized that if all the invitees attend the seminar then there will be 20

invitees standing in the hall, but if 20% of the invitees do not turn up then there will be 50 vacant seats. Find the number of seats in the seminar hall.

Ans: 330

Q6. Delhi Metro spends 60% of its earning on operations and spends rest of the amount on expansion of new routes. If due to start of a new route, the earning increases by 15% and the expenditure also increased by 15%. Find the percent change in budget for expansion?

Ans: 15%

Q7. Rajveer consumes 25 litre of refined oil and 9 litre of ghee per month and spends Rs 350 on the same. The price of ghee is five times as that of refined oil. If the price of ghee is increased by 20% then find the percentage reduction in the consumption of refined oil, if he has same amount to spent and if the price of refined oil is constant.

Ans: 36%

Q8. Which city has the highest number of magazine readers who read only one magazine a week?

Ans: P

Q9. A 100 ml flask contains 30% acid solution. What quantity of the solution should be replaced with 12% acid solution so that the resultant solution contains 21% acid?

Ans: 50 ml

Q10. In January, the sale of Samsung mobile was 1000 units which is 20% of total mobile unit sold in that month. In the subsequent month if the sale of Samsung mobile drops by 4% and sale of Samsung mobile as a percent of total mobile unit sold in that month increases by 5%, find the total mobile units sold in February.

Ans: 3840

Q11. A family used to consume 20 liters of cooking oil in a month. The price of cooking oil increased by 50% and the family reduced its consumption of cooking oil such that the expenditure on cooking oil went up by only 20%. How much cooking oil does the family consume at present?

Ans: 16 Litres

Q12. What is the highest number of magazine readers in any given city?

Ans: 24000

Q13. The total number of all magazine readers in the five cities who read only one magazine a week is

Ans: 41200

Q14. How many magazine readers in city Q read only one magazine a week?

Ans: 14000

Q15. The number of employees of Dreamland Inc. in 2017 was 9600. If the number of males and female employees increased by 8% and 5% in 2018 and total number of employees become 10,272, find the number of males at Dreamland in 2017.

Ans: 6400

Q16. The number of employees of Dreamland Inc. in 2017 was 9600. If the number of males and female employees increased by 8% and 5% in 2018 and total number of employees become 10,272, find the number of males at Dreamland in 2017.

Ans: 6400

Q17. This is the wrestler/which won the /gold medal in the 2016 Summer Olympics / No Error.

Ans: which won the

Q18. Among all the friends, it/ was he which decided/ the party venue/ No Error.

Ans: was he which decided

Q19. One should/ respect his/ elders and seniors/ no error.

Ans: respect his

Q20. Everyone should know……. spending capacity before buying commodities.

Ans: His/her

Q21. Which of the following sentences is grammatically correct?

Ans: They have informed us to let you and her in.

Q22. Which of the following sentences is grammatically correct?

Ans: If I were he, I would have grabbed the opportunity with both hands.

Q23. Athletes/ like you and he/ should get good opportunities in life/ No Error.

Ans: like you and he

Q24. Let……..suffer for the mistakes he has made in his life.

Ans: Him

Q25. Which of the following sentences is grammatically correct?

Ans: Every politician and every citizen should do his/her duty well.

Q26. Only you and……..can finish this project in time and set an example for the entire organization.

Ans: I

Q27. My dress is/ a bit common and/ not as pretty as your/ No Error.

Ans: not as pretty as your

Q28. India and China/ should have cordial/ relations with one another/ no error.

Ans: relations with one another

Q29. Your marketing concept/ is similar to/ that of my concept/ No Error.

Ans: that of my concept

Q30. Which of the following sentences is grammatically correct?

Ans: She blamed herself for the mistake and apologized.

Q31. ……..will be punished for the crime we have committed by killing a fellow citizen.

Ans: I, You and Ram

Q32. ……..will be punished for the crime we have committed by killing a fellow citizen.

Ans: I, You and Ram

Q33. In a class among the passed students, Joseph is 23rd from the top and Karan, who is 7 ranks below Joseph is 35th from the bottom. All the students from the class appeared for an examination. If the ratio of the students those who passed in the examination to those who failed is 8 : 3 for the class, how many students were there in the class?

Ans: 88

Q34. Choose the letter sequence, in which there is a letter leaving four letters of the alphabet in order, after the letter placed at odd-numbered positions and leaving three letters of the alphabet in order after the letters placed at even-numbered positions?

Ans: DHKOR

Q35. Which of the following is true with respect to the given information?

Ans: H scored 68

Q36. Refer to the following sequence, find the next term

101, 98, 90, 75, 51, ?

Ans: 16

Q37. Refer to the following sequence, find the missing term

32, 70, 128, 210, ?, 462, 640

Ans: 320

Q38. Refer to the following sequence, find the next term

1, 18, 75, 196, 405, ?

Ans: 726

Q39. The person who scored the maximum scored 22 more than H's marks. Which of the following can be R's score?

Ans: 87

Q40. Refer to the following sequence, find the missing term

19, 33, 35.8, 77.8, ?, 153.4

Ans: 83.4

Q41. In the following series, how many such even numbers are there which are divisible by 3 or 7, then followed by even numbers and then also followed by odd numbers?

32, 16, 12, 18, 19, 35, 63, 28, 2, 9, 33, 34, 42, 14, 21, 45, 32, 31, 67, 49, 91, 34, 17

Ans: 3

Q42. If it is possible to make only one meaningful word with the 1st, 2nd, 6th and 9th letters of the word 'STAGGERING' which would be the third letter of the word from right? If more than one such word can be formed, give 'M' as the answer. If no such word can be formed, give 'X' as your answer.

Ans: M

Q43. If it is possible to form only one four-digit number which is a perfect square of a two-digit number from the 3rd, 5th, 7th and 9th digits of the number 9803472615 using each digit only once. The third digit from the right is your answer. If no such number can be formed, your answer is '6' and if more than one such number can be formed, your answer is '9'.

Ans: 9

Q44. In the following word 'PHARMOCOPHOBIA' second half of the letters are reversed, but one letter ' N', then prefixed and finally letter 'D' is suffixed. Which of the following letters will be exactly in the middle?

Ans: C and A

Q45. Rubi is 23rd from the left end in a row of girls and Vandana is 16th from the right end. Gunja is 13th from Rubi toward the right and 5th from Vandana towards the right end. How many girls are there in the row?

Ans: 46

Q46. Refer to the following sequence, find the next term

5, 57, 66, 75, 84, ?

Ans: 93

Q47. There are five books S, P, C, M and R. Book C lies above M, book R is below S, M is above S and P is below R. How many books are in between C and R?

Ans: 2

Q48. There are five books S, P, C, M and R. Book C lies above M, book R is below S, M is above S and P is below R. How many books are in between C and R?

Ans: 2

Q49. A certain sum of money was loaned to B by A at simple interest. Interest was charged at 14% p.a for 1st two years, beyond that rate was increased by 1%and was constant for the next two years. After 4th year rate of interest increased by 7% P. A .till the money was repaid .If B returned Rs. 8058 as interest to A in 5 years, find the sum loaned by A. (Note: Increase in rate is measured on base rate.)

Ans: 10200

Q50. Amit borrowed a sum of money @5% p.a simple interest. If after 6 years the interest is Rs. 2352 less then the sum of money borrowed, find the money borrowed by Amit.

Ans: 3360

Q51. In what time Rs. 10000 invested at 30% per annum will yield Rs. 11970 as compound interest.

Ans: 3 years

Q52. Simple interest on a certain sum of money for 3 year at 8% P.A is half the compound interest on Rs. 4000 for 2 years at 10% P.A. The sum placed on S.I is.

Ans: 1750

Q53. A bank offers 20% compound interest calculated on quarterly-yearly basis. A customer deposits Rs.3500 each on 1st April and increased his deposit by Rs 1500 every quarter. Find the sum withdrawn by the customer on 31th December of the same year.

Ans: 7280

Q54. If the difference between CI and S.I on a certain sum of money for 3 years at 5% per annum is Rs. 122 find the sum.

Ans: 16000

Q55. Compound interest on a certain sum for 2 years at 20% P.A is Rs. 770. If same sum is lent for 3 years at S.I for 1% per month, find interest obtained on sum?

Ans: 630

Q56. A sum of money invested at compound interest amounts to Rs. 10000 in 4 years and to Rs. 12000 in 5 years. Find the amount that the sum will yield after 6 years.

Ans: 14400

Q57. A mobile is available for Rs 15000 cash or 3 equal installments. If the rate of interest charged is 15% per annum, calculate the monthly installment.

Ans: Rs 5123

Q58. A person borrowed Rs. 12000 at certain rate of simple interest and Rs. 13500 at 1% higher rate of interest. If after 4 years the total interest paid by him is Rs. 4620. Find the rate of interest at which he borrowed Rs 12000

Ans: 4%

Q59. A person buys 3 goats for Rs. 3000 and sells it for 3328 at a credit of 6 months. What is his gain percentage reckoning money worth with S.I of 8% P.a.?

Ans: 623%

Q60. The difference between the simple interest and the compound interest, on a sum of Rs 8000 for two years is Rs 320.Find the annual rate of interest if it is same in both the cases

Ans: 20%

Q61. A sum of Rs. 3903 is divided between A and B, so that A's share at the end of the 7 years be equal to B's share at the end of 9 years,if interest is charged at 4%compounded annually . Find A's share.

Ans: 2028

Q62. Amit lends a sum of money at 20% per annum compounded annually. If he charges the interest semi-annually he will receive Rs 400 more in one year than charged annually. Find the sum lead by Amit.

Ans: Rs 40000

Q63. Amit bought a laptop of Rs.60000 and paid the sum back in 2 equal annual installments charged at 10% pa compound annually. What is the amount of each installment?

Ans: Rs 34571

Q64. Amit bought a laptop of Rs.60000 and paid the sum back in 2 equal annual installments charged at 10% pa compound annually. What is the amount of each installment?

Ans: Rs 34571

Q65. Which of the following figures will appear next in the above figure series?

Ans:

Q66. Which of the following figures will appear next in the above figure series?

Ans:

Q67. Which of the following figures will appear next in the above figure series?

Ans:

Q68. Which of the following figures will appear next in the above figure series?

Ans:

Q69. Which of the following figures will appear next in the above figure series?

Ans:

Q70. Which of the following figures will appear next in the above figure series?

Ans:

Q71. Which of the following figures will appear next in the above figure series?

Ans:

Q72. Which of the following figures will appear next in the above figure series?

Ans:

Q73. Which of the following figures will appear next in the above figure series?

Ans:

Q74. Which of the following figures will appear next in the above figure series?

Ans:

Q75. Which of the following figures will appear next in the above figure series?

Ans:

Q76. Which of the following figures will appear next in the above figure series?

Ans:

Q77. Which of the following figures will appear next in the above figure series?

Ans:

Q78. Which of the following numbers will appear in place of '?' in the above figure series?

Ans: 768

Q79. Which of the following figures will appear next in the above figure series?

Ans:

Q80. Which of the following figures will appear next in the above figure series?

Ans:

Q81. A number of/ students is planning/a getaway this long weekend/ No Error.

Ans: students is planning

Q82. The jury/ was fighting/ over the decision/ No Error.

Ans: was fighting

Q83. Which of the following sentences is grammatically correct?

Ans: Sushma along with her sister is planning a party for the weekend.

Q84. The family were/ happy at the news/ of the child getting top rank/ No Error.

Ans: The family were

Q85. According to the survey, 80% of Indian men……to live near to their workplace.

Ans: Want

Q86. The Secretary and President……. given a warm welcome at the airport.

Ans: Has been

Q87. Which of the following sentences is grammatically correct?

Ans: There is a bunch of flowers in the flowerpot.

Q88. Either she is/ extremely gullible/ or pretending to be so/ No Error.

Ans: Either she is

Q89. Which of the following sentences is grammatically correct?

Ans: Radha and her friends are going on vacation next Sunday.

Q90. The cost of/ all daily products/ have skyrocketed/ No Error.

Ans: have skyrocketed

Q91. Every boy and girl……. expected to bring colors and drawing book tomorrow.

Ans: Is

Q92. Bread and butter……...my favorite breakfast.

Ans: Is

Q93. Not only Harry/ but his friends/ were arrested for drunk driving/ No Error.

Ans: but his friends

Q94. A helpful man and good friend……...expired this morning.

Ans: Has

Q95. Which of the following sentences is grammatically correct?

Ans: Ten miles is too much for anyone to run every day.

Q96. Which of the following sentences is grammatically correct?

Ans: Ten miles is too much for anyone to run every day.

Q97. On big billion-day, Flipkart offered a discount of 20% on the list price of a mobile, but still makes a profit of 12%. What is the profit percent or loss percent, if a customer gets the mobile for a discount on 25% on the list price?

Ans: 5% Profit

Q98. A shopkeeper sold an article for Rs 2610 gaining 16% on it and sells another article for Rs 2337.5 loosing X% on the cost price. He bears a loss of 1.05% in the whole transaction. Find the cost price of the second article.

Ans: Rs 2750

Q99. Some mangoes were brought at the rate of 16 for Rs 12 and the same number of mangos were bought at the rate of 24 for Rs 20. All the mangoes were sold at the rate of 30 for Rs 30. Find the overall gain or loss made on the whole transaction.

Ans: 26619%

Q100. Emmy buys two variety of Oryzeae. The first variety costs her Rs. 30 per dozen and the second variety costs her Rs. 50 per dozen. He sold all the Oryzeae at Rs. 40 per dozen. Find her proft/loss percentage if she spent the same amount of money on each of the variety.

Ans: 623%profit

Q101. Anuj buys a share of company ABC and earns a profit of 25% by selling them. The stock market fluctuates and price of some share drops down including share price of company ABC. Anuj again bought a share of ABC at 25% less price than what he bought earlier and sold for Rs. 25 less, he still has managed to earn 25% profit. Find the cost of the share when Anuj bought the share for the 1st time.

Ans: Rs 80

Q102. The ratio of cost price to marked price of an article is 5:8 and the ratio of profit percent to percentage of discount allowed on the same article is 2:3. Find the percent of discount allowed on the article.

Ans: 26817%

Q103. A retailer marks all his goods at 40% above the cost price and thinking that he will still make 20% profit, offers a discount of 20% on the marked price. Find the difference between actual profit made and the expected profit?

Ans: 8 %

Q104. A man mixes milk costing Rs 42 per litre with milk costing Rs 38 per liter in equal amount. He then sold the milk for Rs 45 per litre and gained Rs 160.Find the total litre of milk bought by the man?

Ans: 32

Q105. A merchant sells a merchandise at some price thereby gaining 10% on it. If he sells the merchandise at double the price the gain percent will be_____.

Ans: 120%

Q106. A merchandise is sold at 15% loss. When the selling price of merchandise is increased by Rs 18,the shopkeeper makes a profit of 10%.Find the cost price of the merchandise.

Ans: Rs 72

Q107. A shopkeeper allows 28% discount on item A and 16% on item B. The difference between the selling prices of two items is Rs 420 and the sum of mark price of two items is Rs 6000.By what percentage the marked price of item A is more or less than item B.

Ans: 40%

Q108. If after giving discount of 30% on Motorola Droid-1, it is reported that there is increase of 40% in the revenue then how much percentage increase is recorded in the sales (unit sold) of Motorola Droid-1?

Ans: 100%

Q109. Mr. Kaustabh, a generous shopkeeper give a discount of 25% on the marked price of the sale of cosmetic items and still earns a profit of 30%. Find the amount of discount if he earns Rs 90 as profit?

Ans: 130

Q110. The market price of apples is Rs 42.5 for 10 kg of apples. Amit bought some apples at 614% more than the market price. While selling the same, he sold them at the market price but used 1212% less weight. Find the total profit earned by Amit by selling 8 kg of apples.

Ans: Rs 2.57

Q111. Gaurav buys an article at 12.5% less than Rs. 24. He then wishes to sell the article at a gain of 3313% on the cost price after allowing a 20% discount on the marked price. At what price, in rupees, should the article be marked?

Ans: Rs 35

Q112. Gaurav buys an article at 12.5% less than Rs. 24. He then wishes to sell the article at a gain of 3313% on the cost price after allowing a 20% discount on the marked price. At what price, in rupees, should the article be marked?

Ans: Rs 35

Q113. Which of the following words is the antonym (the word opposite in meaning) of the word ‘VULNERABLE’?

Ans: Resistant

Q114. Which of the following words is the antonym (the word opposite in meaning) of the word ‘INSIPID’?

Ans: Tasty

Q115. Which of the following words is the antonym (the word opposite in meaning) of the word ‘DIFFIDENT’?

Ans: Confident

Q116. Which of the following words is the synonym (the word similar in meaning) of the word ‘VENDETTA’?

Ans: Wrangle

Q117. Which of the following words is the antonym (the word opposite in meaning) of the word ‘REBUFF’?

Ans: Accept

Q118. Which of the following words is the synonym (the word similar in meaning) of the word ‘ABYSS’?

Ans: Bottomless

Q119. Which of the following words is the synonym (the word similar in meaning) of the word ‘POLYGLOT’?

Ans: Multilingual

Q120. Which of the following words is the synonym (the word similar in meaning) of the word ‘AFFABLE’?

Ans: Friendly

Q121. Which of the following words is the synonym (the word similar in meaning) of the word ‘DESTITUTE’?

Ans: Pauper

Q122. Which of the following words is the antonym (the word opposite in meaning) of the word ‘EXHORT’?

Ans: Discourage

Q123. Which of the following words is the synonym (the word similar in meaning) of the word ‘VOCIFEROUS’?

Ans: Vocal

Q124. Which of the following words is the antonym (the word opposite in meaning) of the word ‘SALUBRIOUS’?

Ans: Unhealthy

Q125. Which of the following words is the synonym (the word similar in meaning) of the word ‘VIRTUOSO’?

Ans: Expert

Q126. Which of the following words is the antonym (the word opposite in meaning) of the word ‘NEOPHYTE’?

Ans: Veteran

Q127. Which of the following words is the antonym (the word opposite in meaning) of the word ‘BOHEMIAN’?

Ans: Conformist

Q128. Which of the following words is the antonym (the word opposite in meaning) of the word ‘BOHEMIAN’?

Ans: Conformist

Q129. If 10 people can speak Hindi and Spanish only, then how many can speak only English?

Ans: 180

Q130. If 130 people can speak only Hindi, then how many can speak English and Spanish only?

Ans: 10

Q131. How many students got job offer from at most one of the three companies?

Ans: 490

Q132. If 400 students got job offer from either Lenovo or Samsung, then how many students got job offer only from one of the two companies between Lenovo and Samsung?

Ans: 290

Q133. Find the number of families who prefer exactly one brand?

Ans: 65

Q134. If the number of students who got job offer from at least one of the two companies HP and Lenovo is 450, then how many students got job offer from Samsung only?

Ans: 80

Q135. Which of the following is the percentage of employees who were punctual in all the three months?

Ans: 2%

Q136. Which of the following is the percentage of employees who were on time for two consecutive months?

Ans: 11%

Q137. Which of the following is the percentage of employees who were punctual in both May and June?

Ans: 5%

Q138. What was the total percentage of employees who were punctual in the month of May?

Ans: 20%

Q139. Which of the following will be the number of families, which were surveyed?

Ans: 80

Q140. How many students did not get job offer from any of the three companies?

Ans: 70

Q141. Which of the following will be the maximum number of students, who can participate in all the three games?

Ans: 30

Q142. What is the minimum possible number of people who can speak Hindi only?

Ans: 120

Q143. How many people can speak only one language?

Ans: 320

Q144. How many people can speak only one language?

Ans: 320

Q145. In an examination 70% of the candidates passed in English, 80% passed in Mathematics, 10% failed in both the subjects, if 144 candidates passed in both, the total number of candidates was:

Ans: 240

Q146. Ravi purchases 90 pens and sells 40 pens at a gain of 10% and 50 pens at a gain of 20%. Had he sold all of them at a uniform profit of 15% he would have got ₹ 40 less. Find the cost price of each pen.

Ans: ₹ 80

Q147. In a dart game Asha's points is 60% of Deepak's point, 120% of Maya's point. What is Maya's point, if Deepak's point is 78?

Ans: 39

Q148. A sum of ₹ 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of ₹ 362.50 more is lent but at the rate twice the former. At the end of the year, ₹ 33.50 is earned as interest from both the loans. What was the original rate of interest?

Ans: 3.46%

Q149. 324 plants are to be planted equally row wise in a garden in such a way that the number of plants in each row is 25% of total row. Find the number of plants each row has?

Ans: 36

Q150. Big Bazaar offered a flat discount of 30% on every bill of Rs 10000 or more. Additionally, the shop also provided a 10% discount as summer sale, and for a premium member additional 10% discount was given as loyalty bonus. In a clearance sale, the shop allowed a flat discount of 40% on every purchase of Rs 10000, but it reduced the summer discount and loyalty discount to 5% each. Find the difference in the amount of the two schemes.

Ans: ₹ 255

Q151. James decided to donate 28% of his salary to an orphanage. On the day of donation, he changed his mind and donated 75% of what he has decided earlier, which reduced his donation amount by ₹2639. Find James salary?

Ans: 37700

Q152. Rahul sells a phone at a profit of 20%. If he had bought it at 20% less and sold it for ₹180 less, he would have gained 25%. Find the cost price of the Phone?

Ans: ₹ 900

Q153. A bank offers 5% compound interest calculated on half – yearly basis. A customer deposits ₹ 1600 each on 1st January and 1st July of a year. At the end of the year, the amount received by the customer as interest will be:

Ans: ₹ 121

Q154. According to a census report, per capita income of India is going to be an increasing A.P with first year's rate as 5% and common difference as 5%, but

simultaneously the inflation rate is an increasing G.P. with first term as 1% and common ratio of 2. If per capita income on 31 December 2010 is Rs15000, then find in which year will income witness its first fall(In terms of percentage) ?

Ans: 2016

Q155. The annual payment of ₹ 160 in 5 year at 5% per annum simple interest will discharge a debt of :

Ans: ₹ 880

Q156. Gaurav and Naresh invested a sum of ₹800 and ₹600 respectively and decided to withdraw their money when they got equal amount .Gaurav earned a profit of 6%, and Naresh earned a profit of 10% on his investment respectively. Find the time period after which they can withdraw their money, provided Simple interest was earned on their money.

Ans: 1623year

Q157. In a Convent model school, 60% of the student are boys. In an aptitude test, 80% of the girls scored more than 40 marks (out of a maximum possible 150 marks). If 60% of the total students scored more than 40 marks in the same test, find the fraction of the boys who scored 40 marks or less?

Ans: 8/15

Q158. A lent some money to B at Simple interest and received Rs 12000 in five years including 60% interest on the sum borrowed. A invested the entire cash into mutual funds for three years which guaranteed him a minimum return of 12% P.A(Compounded annually). Find the minimum interest received from mutual funds after three years

Ans: ₹ 4860

Q159.

The weight of Sahitya increased by 6% from the month January. He then followed a rigorous exercise routine for two weeks and reduced his weight, and the digits of his increased weight got interchanged by his reduced weight. He Also noticed that he decreased 9 kg and as compared to the month of January his weight was only 2.4 % more. Find the mass of Sahitya in January.

Ans: 250 kg

Q160.

The weight of Sahitya increased by 6% from the month January. He then followed a rigorous exercise routine for two weeks and reduced his weight, and the digits of his increased weight got interchanged by his reduced weight. He Also noticed that he decreased 9 kg and as compared to the month of January his weight was only 2.4 % more. Find the mass of Sahitya in January.

Ans: 250 kg

Q161. Which of the following will be the number of families, which were surveyed?

Ans: 80

Q162. Which of the following will be the next term in the series given below?

24, 49, -167, -118, -630, ?

Ans: -549

Q163. English alphabets given in the series are rearranged in ascending order; with 1st element of the new series as ‘B’, and the rest of the elements remain unchanged. Which of the following elements is 3rd to the right of the element, which is 2nd to the left of ‘@’?

Ans: 7

Q164. Which of the following is the percentage of employees who were punctual in all the three months?

Ans: 2%

Q165. Which of the following is the percentage of employees who were on time for two consecutive months?

Ans: 11%

Q166. Which of the following will be the next term in the series given below?

D16, M169, E25, F36, ?

Ans: P256

Q167. In the given series, how many alphabets are succeeded by immediate next alphabet (as appearing in the English alphabet), irrespective of other elements present between them?

Ans: 2

Q168. The English alphabets are arranged in ascending order and the digits in descending order to get the new series, and the rest of the elements remain unchanged. Which of the following terms is not a part of the new series?

Ans: LLO

Q169. Find the number of families who prefer exactly one brand?

Ans: 65

Q170. What was the total percentage of employees who were punctual in the month of May?

Ans: 20%

Q171. Which of the following is the missing term in the series given below?

112, 114, 118, ?, 138

Ans: 126

Q172. Which of the following will be the maximum number of students, who can participate in all the three games?

Ans: 30

Q173. Which of the following will be the next term in the series given below?

B3Y, F8A, N18E, D33K, ?

Ans: J53S

Q174. Which of the following is the percentage of employees who were punctual in both May and June?

Ans: 5%

Q175. Find the minimum number of students who participated in all the three games.

Ans: 30

Q176. Find the minimum number of students who participated in all the three games.

Ans: 30

Q177. Kingfisher Airlines Limited is going downward spiral, and it is not able to pay their employees.

Ans: it is not able to pay its employees

Q178. Which of the following sentences is/are grammatically correct?

S1: None of them invited their parents to the monthly meeting.

S2: None of them invited his parents to the monthly meeting.

Ans: Only S2

Q179. I am more familiar with this topic than _____.

Ans: You are

Q180. It is ____ who ____ your friend.

Ans: I, am

Q181. Ram is not one of those/ who doubts every/ new invention and its usefulness.

Ans: who doubts every

Q182. Each of you ____ to follow the company policy. One of you ____ to produce the ID proof in front of the security guards.

Ans: Has, has

Q183. Which of the following sentences is/are grammatically correct?

S1: If I were him, I would donate a large amount of money for the welfare of poor families.

S2: If I were he, I would donate a large amount of money for the welfare of poor families.

Ans: Only S2

Q184. Which of the following sentences are grammatically correct?

S1: One of my friends has brought the new iPhone.

S2: None of them play it correctly.

S3: A group of students is playing inside the classroom.

Ans: Both S1 and S3

Q185. Which of the following sentences is/are grammatically correct?

S1: I do not like you talking to Mr. Paul daily.

S2: I do not like your talking to Mr. Paul daily.

Ans: Only S2

Q186. Your father is one of those speakers who always motivates his audience.

Ans: motivate their audience

Q187. My father hates/ me going to/ club daily/ with my friends.

Ans: me going to

Q188. Shyam accompanied/ by his brothers are/ going to the marriage party.

Ans: by his brothers are

Q189. It is _____ who ____ to park every morning.

Ans: They, go

Q190. None of these boys/ who are performing/ on the stage know/ how to play a Hawaiian guitar.

Ans: on the stage know

Q191. Neither of those girls _____ how to dance. Either of the roads _____ to their drama school.

Ans: Knows, leads

Q192. Neither of those girls _____ how to dance. Either of the roads _____ to their drama school.

Ans: Knows, leads

Q193. In a country named "Wakanda", only 60% of the people are literates. Due to migration, it is expected that the number of illiterates will increase by 25% and the total population will increase by 20%. Find the new ratio of illiterates to literates.

Ans: 5:7

Q194. A bag has Rs 105 in the denomination of Rs 2 and Re 1 such that the ratio of money from Rs 2 and Re 1 is in the ratio 8:7. A man withdrew Rs 28 of the bag such that equal amount of money from each denomination was taken out and replaced with 5 one rupee coin. Find the ratio of Rs 2 and Re 1 coin finally in the bag.

Ans: 21:40

Q195. If (a3+b3) :(a2−ab+b2) =5:2 and(a2−b2):(a+b)=7:4.Find a:b

Ans: 17:3

Q196. The perimeter of a quadrilateral is 243 cm. If the sides of the quadrilateral are in ratio 23:56:710:12.Find the difference of the sum of two smaller sides to that of the two larger sides.

Ans: 33 cm

Q197. Three friends Amit, Mayank and Nitesh, started a business by investing money in a ratio 5:8:16, next year they increased their investments by 25%, 37.5%and 20% respectively. In what ratio the profit earned in the second year should be distributed among Amit, Mayank, and Nitesh?

Ans: 125:220:384

Q198. Find the ratio in which glucose and lactose be mixed to get the concentration of sugar as that of maltose?

Ans: 21:8

Q199. Ankit and Aniket started a business with Ankit's initial investment of Rs.7,000 in the business. Ankit withdraws Rs 2000 after two months and Rs 1500 after eight months. If Aniket invests a certain sum in the business at the beginning of the year, leaves it intact and receives Rs.5450 as his share of the total profit of Rs.11970 for the year, find the monthly investment of Aniket in the company.

Ans: Rs 4215

Q200. A, B, C and D invested Rs.5000, Rs.4500, Rs.4000 and 8000 in a business. After one year, A withdraws his entire amount, B withdraws his entire amount after 2 years, C withdraws his money after 3 years and in the end of 4th year D also withdraws his sum of money from the business. If they earned Rs.21500 in the end of 4th year, find A's share in the profit?

Ans: Rs 1250

Q201. Mr Rajveer purchased a unique diamond called "Zoinoor", which was very expensive and the cost of the diamond is proportional to square of its weight. But he accidently broke the diamond and it was split into three pieces which were in ratio of 3:2:1 by weight. If he incurred a total loss of Rs 46200 due to the accident, find the initial cost of diamond.

Ans: Rs 75600

Q202. A paint bucket is filled with 3 parts of paint and one part of solvent. What percentage of the mixture must be drawn off and replaced by the solvent to make the mixture 50% paint and 50% solvent?

Ans: 3313%

Q203. ‘A’ invests 25% of his money in four companies L, I, J and K in the ratio17:514:38:18. If after a year, the profit percent earned by four companies are 10%, 20%, 30% and 40%. Find the minimum amount A will have after a year, if the amount he invested was a three-digit whole number.

Ans: Rs 475.80

Q204. The monthly income of A and B are in ratio 5:8. The ratio of their expenditure is 2:3 and their combined saving is Rs 5000 per month. If the income of A and B is increased by 20% and 25% respectively and their spending remains unchanged, then their combined saving increased by 60%. Find the ratio of their new income to that of their new saving.

Ans: 2:1

Q205. If $a2=b3=c4=2a-3b+5cK$ .Find the value of K.

Ans: 15

Q206. Arun and Varun participated in a race. For every ten steps of Varun, Arun takes eight steps, and five steps of Arun is equal to seven steps of Varun. Find the ratio of the speed of Arun and Varun.

Ans: 25:28

Q207. Some chocolates were distributed among three friends in such a manner that Rajesh received 23rd of chocolates as Rakesh received and Rakesh received 12as much as Roshan received. What fraction of the total chocolates was received by Rakesh?

Ans: 311

Q208. Some chocolates were distributed among three friends in such a manner that Rajesh received 23rd of chocolates as Rakesh received and Rakesh received 12as much as Roshan received. What fraction of the total chocolates was received by Rakesh?

Ans: 311

Q209. Who among the following is sitting second to F?

Ans: A

Q210. Which of the following pair is sitting diagonally opposite to each other?

Ans: B and E

Q211. Which of the following combination of houses are second to the left of green house and F's house?

Ans: Brown and blue house

Q212. Which of the following cars is parked adjacent to A's car?

Ans: C and F

Q213. Which of the following pair is not sitting adjacent to each other?

Ans: B and C

Q214. Which of the following combinations are correct?

Ans: White house towards the society, red house towards the society, yellow house away from society

Q215. Which of the following pair is correct?

Ans: Red- B

Q216. Which of the following direction is faced by the third car from the right end?

Ans: Same as E’s car

Q217. Who among the following is sitting second to the left of A?

Ans: Cannont be determined

Q218. Who among the following is sitting opposite to the person, who is two places away from E?

Ans: D

Q219. Starting from left, if the third car is owned by C, then what are the colors of cars parked adjacent to F?

Ans: Blue and black

Q220. Which of the following is the correct order of color of cars starting from the left end?

Ans: Red, white, grey, black, brown, blue

Q221. How many people are facing in the opposite direction as of D?

Ans: 4

Q222. Which among the following has exactly one person between them?

Ans: B and D

Q223. Which of the following is the color of the house opposite to the house of C?

Ans: Green

Q224. Which of the following is the color of the house opposite to the house of C?

Ans: Green

Q225. Out of the four words given, three belong to the same category. Mark the word as the answer that is ‘odd one out’.

Ans: Mitigate

Q226. ‘To be excessively in love with oneself’

Ans: Narcissism

Q227. ‘A feeling of extreme sadness’

Ans: Crestfallen

Q228. Out of the four words given, three belong to the same category. Mark the word as the answer that is ‘odd one out’.

Ans: Dexterous

Q229. Out of the four words given, three belong to the same category. Mark the word as the answer that is ‘odd one out’.

Ans: Virulent

Q230. Although he had been……throughout his life, he finally……a deadly disease.

Ans: Disciplined, contracted

Q231. Sometimes people purchase items they later realize they neither……..nor…….

Ans: Need, desire

Q232. ‘An act of improving the situation’

Ans: Amelioration

Q233. Each individual should be……and…….and that would make the world a better place to live.

Ans: Humble, forgiving

Q234. PATRIARCHAL : MALE :: MATRIARCHAL : ……..

Ans: Female

Q235. NAÏVE : GULLIBLE :: SUAVE : ……..

Ans: Polished

Q236. Out of the four words given, three belong to the same category. Mark the word as the answer that is ‘odd one out’.

Ans: Stale

Q237. ‘A foolish person‘

Ans: Imbecile

Q238. CONFIDENT : DIFFIDENT :: PENURY : ……..

Ans: Affluence

Q239. ‘An act of predicting future‘

Ans: Augur

Q240. ‘An act of predicting future‘

Ans: Augur

Q241. The average weight of Gupta family is 83Kg.The average weight of Sharma family is 76Kg and average weight of Arora family is 85kg.If average weight of Gupta family and Sharma family is 79 kg and that of Sharma family and Arora family is 81kg.Find the average weight of 3 families.

Ans: 81.5 Kg

Q242. Gautam’s present age is equal to 20% of his father's age as he was 15 years ago and Gaurav's present age(brother of Gautam), is 60% of his father’s age as his father was ten years ago. If the sum of Gautam’s present age and Gaurav ’s present age is 31, then find their father's present age?

Ans: 50 years

Q243. Akram earned an average of Rs 1250 per month from January to April in year 1985. He earned an average of Rs 1750 per month from May to October in the same year. Find the average money he had earned in the Last two months of 1985 such that his average monthly income for the year 1985 was Rs 1625 per month.

Ans: Rs 2000

Q244. Batting average of Virat in his 64 innings is 78.His highest score exceeds his lowest score by 172times. If excluding these two innings his batting average is 75,find his highest score?

Ans: 306

Q245. Average age of five friends is 39 years. Dany is 7 years older than Gary. Gary is 9 years younger than Aston. Sam's age is equal to the sum of ages of Dany and Gary and Sum of ages of Sam and Stark is 110 years. Find the age of Stark.

Ans: 57

Q246. The average of N numbers is K .If one of the numbers , L is replaced with M, the average becomes Z .Find the relation between N,K,L,M and Z

Ans: 1N=K−ZL−M

Q247. Amrita's brother is three times her age. After four years Amrita will be half the age of her brother. In how many years she will be 35of her brother's age

Ans: 8 years

Q248. If a+b+c=2K then which of the following can be the average of a2,b2,c2,if ab+bc+ac=0.

Ans: 4K23

Q249. Nick is five years younger than his elder brother who is eldest among four siblings.Amy is 58of his eldest brother.Lee is eldest of four sibling and he is 24 years old.Find Tony's age who is seven years younger to Nick.

Ans: 12

Q250. Kate got married to James in the year 1990 and became 5th member of James family. In 2000 James mother died, and Kate gave birth to a Child. The average age of James family at his marriage is same as the average age when the child was born. Find the age of James Mother when she died?

Ans: 50 years

Q251. The average of N numbers is 24.If 38th of the number is doubled and remaining numbers becomes 53times of its original value .Find the percentage change in the original and final average.

Ans: 79%

Q252. Eric and Megan got married in the year 2008. Their ratio of age at the time of their marriage was 5:4. At present Eric's age is one-sixth more than Megan's age. If Megan gave birth to a triplet four years back, then find the ratio of the age of Eric's family four years ago to ratio of Eric's family at present.(Note present age is calculated as on 2018)

Ans: 5777

Q253. The average flats in a society of 36 blocks is 60. If the top two blocks, Block A1 and J2 are excluded the average of flats in remaining block goes down by 2. If number of flats in block J2 is 85, find the number of flats in block A1.

Ans: 103

Q254. The average marks scored by June, Emmy and Adel was 31. The average marks scored by Emmy, Adel and Sam was 30. If the marks scored by June was 30, find the marks scored by Sam. Given the maximum marks any candidate can score is 50.

Ans: 27

Q255. Five boxes numbered 1,2….5 are kept in a row respectively. Box 1 weights 100kg and weight of other boxes are defined by w(x) =(x2−1x)w(1)where x represent box number and w(x) represent weight of box numbered (x).Find the average of the three box present in the middle of row.

Ans: 931 kg

Q256. Five boxes numbered 1,2….5 are kept in a row respectively. Box 1 weights 100kg and weight of other boxes are defined by w(x) =(x2−1x)w(1)where x represent box number and w(x) represent weight of box numbered (x).Find the average of the three box present in the middle of row.

Ans: 931 kg

Q257. A clock is showing X hours 40 minutes and the angle between hour hand and minutes hands is 700. Which of the following values can be the value of "X"?

Ans: 5

Q258. At what time the angle between hour hand and minute hand are at 1800 to each other?

Ans: 6 hours 0 minutes

Q259. If Amit is born on 29th Feb., 1996 which was Thursday then on which day of the week will he celebrate his next birthday?

Ans: Tuesday

Q260. What was the day on 25th March, 1623?

Ans: Saturday

Q261. If 1st January of a year is Friday then what is the date of last Sunday of the same year?

Ans: Cannot be determined

Q262. Find the angle between hour hand and minute hands of an analog clock when the clocks is at 10 hours 10 minutes?

Ans: 1150

Q263. If 12th August 1989 is Friday, then 12th August 2389 will be?

Ans: Friday

Q264. If 1st January of 1991 was Wednesday, then which day of the week will be 24th August of same year?

Ans: Thursday

Q265. The clock is initially set at 5 hours and 25 minutes. Find the time when minute hand moves 12750 clock wise.

Ans: 8 hours 57 ½ minutes

Q266. At 12 hours, the minute hand coincides with hour hand thus making the angle zero with each other. At what time they will coincide with each other for the 2nd time after 12 hours.

Ans: 2 hours 101011 minutes

Q267. Which of the following year is a leap year?

Ans: 2800

Q268. A boy observes the reflection of his wrist watch in swimming pool. The time observed by him was 8 hours 0 minute. What was the actual time on his clock when he saw its reflection as 8 hours?

Ans: 4 hours 0 minute

Q269. If today is Monday, then what day of week will be 425th day from Today? [Year is not a leap year]

Ans: Saturday

Q270. At what time between 2 O’clock and 3 O’clock the minute hand and hour hand will make an angle of 600.

Ans: 2 hours 21911 minutes

Q271. 19th December of 1999 is Friday, then which day of the week was 13th June of 1997.

Ans: Wednesday

Q272. 19th December of 1999 is Friday, then which day of the week was 13th June of 1997.

Ans: Wednesday

Q273. After supporting the minister for 2 years, Armaan finally realized that he was backing up the wrong horse.

Ans: Supporting a wrong person

Q274. Giving Reena a designer watch as a gift was like carrying coals to new castle.

Ans: Giving something that the person is already having in abundance

Q275. When she wanted to go out for a late-night party, her parents were at the loggerheads about giving permission.

Ans: To deny

Q276. Due to the hard work and intelligence of the police, Rohan who was kidnapped was finally out of the woods.

Ans: Safe

Q277. It was……..that he was a corrupt politician.

Ans: Given out

Q278. Please go and……. these jeans.

Ans: Try on

Q279. After a month the fresher realized that his boss was leading him up the garden path.

Ans: To mislead someone

Q280. When she started earning her father gave her advice not to put all eggs in one basket.

Ans: Not to put resources at a single place

Q281. She was trying to……..her lost passport when she realized that she has given it to her friend.

Ans: Look for

Q282. Rishi always……her sister when it comes to life lessons.

Ans: Looks up to

Q283. Radha told her friends that yesterday at the office party she had a whale of a time.

Ans: To enjoy a lot

Q284. Nitin's parents were coming to his apartment and he was feeling agitated as he was not able to lay the ducks in a row all alone.

Ans: To organize everything

Q285. She got……..from all her friends post her wedding.

Ans: Cut off

Q286. The veteran actor took his friend's son, who was aspiring to be an actor, under his wings.

Ans: Mentored him

Q287. Satish’s friends knew that he was a cold fish but this came as a surprise to Rohan who recently joined the group.

Ans: Indifferent

Q288. Satish’s friends knew that he was a cold fish but this came as a surprise to Rohan who recently joined the group.

Ans: Indifferent

Q289. A train travels at a speed of 80 km/hr. After every 15 kms, It stops for 4 mins. Then the time taken by it to cover a distance of 330 km will be?

Ans: 331.5 minutes

Q290. The average speed of a school bus in duty hours is 60 km/hr and average speed of the same bus in off-duty hours is 78km/hr.If the school bus has to stopsat N stops during duty hours ,find for how many minutes in an hour the bus stops on an average in duty hours?

Ans: 15 minutes

Q291. Amit, Anil and Ajit ride from home to their office with speed in ratio 5:4:3. If in total they take 94 minutes(sum of the individual time taken) to cover the individual distance,then find the time taken by "Anil" to cover his distance.

Ans: 30 minutes

Q292. Two trains run around a circular track at the rate of one round per hour and five rounds per hour respectively. They start from the same point in the same direction at 9 a.m. When they will cross each other for the first time?

Ans: 9:15 A.M

Q293. A, B, and C start running simultaneously along a circular track, having a length of 1.2 km from the same point, with speeds 6 km/hr, 8 km/hr and 9 km/hr respectively. A and B run in the same direction but C runs in the opposite direction. How many times will A and C meet anywhere on the track by the time A and B meet for the □rst time anywhere on the track?

Ans: 7

Q294. A certain distance is covered with a certain speed. If half the distance is covered in double the time, then the ratio of the speed to that of the original one is?

Ans: 1:4

Q295. Two cyclists Juhi and Kriti are 10560 meters apart and are riding towards each other. The radius of wheels of Juhi and Kriti are 7 cm and 14cm respectively.They start cycling towards each other at same time, make the same number of revolutions per second and meet after 20 seconds, then find the speed at which Juhi is riding her cycle

Ans: 176 cm/sec

Q296. Indrayani Express leaves Pune for Bombay at 17.30 hrs and reaches Bombay at 21 : 30 hrs. While, Shatabdi, which leaves Bombay at 17.00 hrs reaches Pune at 20 : 30 hrs. At what time do they pass each other?

Ans: 19:06

Q297. In a game of billiards, A can give B 12 points in 60 and A can give C 10 points in 90. How many can C give B in a game of 70?

Ans: 7

Q298. The ratio of speed of A and B is 2:3.To cover a certain distance A takes 10 minutes more than the time taken by B.If A had walked at double the speed ,how much less time A will take as compared to B to cover the same distance.

Ans: 5 minutes

Q299. Amit runs 2.25 times as fast as Baljit. If Amit gives Baljit a start of 90m, how far must the winning post be in order that Amit and Baljit reach at the same time?

Ans: 162 m

Q300. A train passes an electric pole standing on the platform in 14 seconds and passes the platform completely in 56 seconds. If the length of the platform is 420 meters, then the length of the train is?

Ans: 140 meters

Q301. In a race of 200 m, A beats B by 20 m, B beats C by x m, if A beats C by 120 m in a 600 m race, then the value of x is?

Ans: 2229m

Q302. Deva moves along the perimeter of a rectangular park of length 33 m and breadth 22m in 10 seconds. How many seconds will he take to move along a circular park of radius 70 m with double the speed ?

Ans: 20 sec

Q303. Two trains are running on parallel tracks. The slower train is moving at 18 km/hr. The faster train passes a man sitting in the slower train in 52 seconds. Find the time taken by the faster train to overtake the slower one if the lengths of the slower and the faster trains are 100 m and 130 m respectively.

Ans: 92

Q304. Two trains are running on parallel tracks. The slower train is moving at 18 km/hr. The faster train passes a man sitting in the slower train in 52 seconds. Find the time taken by the faster train to overtake the slower one if the lengths of the slower and the faster trains are 100 m and 130 m respectively.

Ans: 92

Q305. Find the number of cubes whose all three outer sides are painted.

Ans: 8

Q306. A cuboid of 3 × 4 × 5 cm3 is cut into smaller cubes. Find the minimum number of smaller cubes that can be formed?

Ans: 34

Q307. Find the minimum number of cuts required which can cut a cube into 36 identical pieces.

Ans: 7

Q308. Find the number of cubes with no side are painted.

Ans: 8

Q309. How many cubes will be cut into two halves?

Ans: 84

Q310. How many maximum small cubes have all the three color on them.

Ans: 4

Q311. Find the number of cubes having only one face painted.

Ans: 24

Q312. Find the number of cubes which are cut twice in operation.

Ans: 7

Q313. What is the maximum possible number of smaller cubes that have only Red and Green colors on them?

Ans: 15

Q314. What is the minimum number of smaller cubes required to form a larger cube such that when all the faces of larger cube is painted yellow, it has zero number of non-painted smaller cubes?

Ans: 8

Q315. Find the minimum number of cubes having two faces painted Green.

Ans: 0

Q316. Find the number of a cube whose two sides are painted blue.

Ans: 24

Q317. 512 smaller cubes of dimension 1 cm × 1 cm are stacked together to form a larger cube, and then the cube is cut along diagonals. How many smaller cubes are cut into two pieces?

Ans: 128

Q318. What is the minimum number of cuts required to cut a cube into 150 identical pieces?

Ans: 13

Q319. A mouse was stuck in a 3 × 3 × 3 cube each of volume 8 cm3. The mouse decided to cut the cubes to come out of the maze on the other side from where he entered. The mouse got confused in the middle, and he cut 24cm to reach another side face of the cube. Find the minimum length that would be enough for the mouse to come out on the opposite face.

Ans: 6 cm

Q320. A mouse was stuck in a 3 × 3 × 3 cube each of volume 8 cm3. The mouse decided to cut the cubes to come out of the maze on the other side from where he entered. The mouse got confused in the middle, and he cut 24cm to reach another side face of the cube. Find the minimum length that would be enough for the mouse to come out on the opposite face.

Ans: 6 cm

Q321. The child was……...cuddling its toy and looked very happy.

Ans: Quietly

Q322. Which of the following sentences is grammatically correct?

Ans: Of the two friends, Ram was smarter.

Q323. No sooner had I/ reached the temple/ when the train left/ No Error.

Ans: when the train left

Q324. ……..... Indians know how to speak German language, and this ability makes them unique.

Ans: A few

Q325. She is the most smartest/ employee of/ the organization/ No Error.

Ans: She is the most smartest

Q326. Which of the following sentences is grammatically correct?

Ans: He wanted to do his homework diligently.

Q327. There are……. Asiatic lions left in India and the number is constantly decreasing.

Ans: Few

Q328. (A)Reading is my/ (B)most favorite activity/ (C)as it keep me updated/ (D)No Error.

Ans: B and C

Q329. The police station is/ ten kilometers further/ to my office/ No Error.

Ans: ten kilometers further

Q330. The detective was looking……at the husband, who was cheating on his wife.

Ans: Suspiciously

Q331. Which of the following sentences is grammatically correct?

Ans: King Rama was the bravest of all the kings of his time.

Q332. Mansi’s project was/ better than/ her classmates and friends/ No Error.

Ans: better than

Q333. The train to Ahmedabad was moving……...than other trains.

Ans: Faster

Q334. She thinks so/ fastly that people/ call her ‘Human Computer’/ No Error.

Ans: fastly that people

Q335. This is the……...road accident that I have ever heard about.

Ans: Worst

Q336. This is the……...road accident that I have ever heard about.

Ans: Worst

Q337. The ratio of age between A and B is 6: 5 and the age of each C and D is 9/10 times that of B. Age of F is less than A but greater than B. The ratio of ages between B and E is 2 : 3. Also, the age of A is 3 years less than E. What is the ratio of ages of A and F if all the ages are in integer?

Ans: 12 : 11

Q338. In a bag, there are three types of coins 1 rupee, 50 paisa and 25 paisa in the ratio 3:8:20. The total value in bag is Rs372. Find the total number of coins in the bag.

Ans: 961

Q339. 8 liters are drawn from a cask full of wine and is then filled with water. This operation is performed three more times. The ratio of the quantity of wine now left in the cask to that of water is 16:65. How much wine did the cask hold originally?

Ans: 24 litres

Q340. A certain number is added to each of the two numbers which are in the ratio 4:7. The sum of the numbers thus obtained is 75 and their ratio (taken in the same order as mentioned above) becomes 8:17. What is the number added?

Ans: -12

Q341. 4 persons went to purchase pens in ratio 1/3:1/4:1/5:1/6from a stationary shop. The shopkeeper decided to give one pen free on purchase of every two pens per person. If the cost of a pen was Rs 7; then find a minimum amount that was earned by the shopkeeper. [For example, if a person wants to buy 4 pens then his purchase will be (2 pens + 1 pen free) + 1 pen i.e for 4 pens he will pay for 3 pens only].

Ans: Rs 273

Q342. A dealer has 1000kg of rice. He decided to sell them at eighteen percent profit, but after selling some part at eighteen percent profit, he reduces his profit percent by 10% on the remaining quantity of rice. If he earns a total of 14% profit, on the whole, find the quantity of rice he sold at eighteen percent profit.

Ans: 600 kg

Q343. A mixture contains wine and water in the ratio 3: 2 and another mixture contains them in the ratio 4: 5. How many liters of the latter must be mixed with 3L of the former, so that the resulting mixture may contain equal quantities of the wine and water?

Ans: 525L

Q344. Aditya, Manish and Gaurav enter into a business with investing in ratio 72:43:65. After 4 months, Aditya increases his share by 50% and at the end of a year, business earned a profit of Rs43200. Find the profit share of Manish?

Ans: 8000

Q345. In a beaker, there is 200 ml of pure acetic acid. 25% of the acid is replaced by water. This process is repeated two more times. In a reaction with baking soda only 50 ml of acetic acid is required . Find the amount of acetic acid-water solution should be drawn off to perform the chemical process.

Ans: 118.5 ml

Q346. The total of the ages of Jayant, Prem and Saransh is 93 years. Ten year's ago, the ratio of their ages was 2:3:4. What is the present age of Saransh?

Ans: 38 years

Q347. A barrel contains a mixture of wine and water in the ratio 3:1. How much fraction of the mixture must be drawn off and substituted by water so that the ratio of wine and water in the resultant mixture in the barrel becomes 1:1?

Ans: 13

Q348. In the first alloy, zinc and copper are in the ratio 1:2. In the second alloy the same element are in the ratio 2:3. If these two alloys be mixed to form a new alloy in which two elements are in the ratio 5:8, the ratio of these two alloys in the new alloy is.

Ans: 3:10

Q349. P, Q and R invested their capital in the ratio of 8:6:5. At the end of the business they received, the profit in the ratio of 1:3:5. Find the ratio of time for which they contributed the capital?

Ans: 1:4:8

Q350. Ratio of 75% of age of A to 125% of the age of B is 9:10. After 16 years, the ratio of the age of A and B will be 13:10. Find the ratio of age of A and B 8 years ago.

Ans: 7:4

Q351. S1 is a series of six consecutive numbers divisible by 3. Average of S1 is 16.5. S2 is a series of six consecutive odd numbers starting with second highest term in S1. Find the difference between fourth term of S2 and the highest term of S1.

Ans: 3

Q352. S1 is a series of six consecutive numbers divisible by 3. Average of S1 is 16.5. S2 is a series of six consecutive odd numbers starting with second highest term in S1. Find the difference between fourth term of S2 and the highest term of S1.

Ans: 3

Q353. Which of the following figures will appear next in the above figure series?

Ans:

Q354. Which of the following is the correct sequence of the food served on the table?

Ans: Cannot be determined

Q355. If grandpa sits to the right of Sam, then who sits diagonally opposite to mom?

Ans: Grandma

Q356. Which of the following figures will appear next in the above figure series?

Ans:

Q357. If Grandma sits to the left of Milli, then who among the following sits at the top left?

Ans: Dad

Q358. How many people are looking at the fountain?

Ans: 3

Q359. Which of the following figures will appear next in the above figure series?

Ans:

Q360. Which of the following alphabets will appear in the place of question mark?

Ans: U

Q361. Which of the following persons is sitting 600 to the left of ‘F’?

Ans: D

Q362. Which of the following dishes has been served to the person sitting immediate left of Sam?

Ans: Veg soup

Q363. Direction: Refer to the images given below and answer the following questions.

Ans:

Q364. Who among the following sits second to the left of Milli?

Ans: Cannot be determined

Q365. Which of the following pair is NOT sitting on the same circle?

Ans: AB

Q366. In which of the following set, 2 people are on the same circle and the third person is on the other circle?

Ans: B, E, C

Q367. Which of the following pairs is NOT looking in the same direction?

Ans: FD

Q368. Which of the following pairs is NOT looking in the same direction?

Ans: FD

Q369. Let John be _____.

Ans: Helped

Q370. Which of the following can replace the given statement with a single word?

‘The occurrence of events by chance in a happy or beneficial way.’

Ans: Serendipity

Q371. Which of the following will be the meaning of the group of highlighted words, in the given sentence?

Geeta missed the opportunity to submit her thesis before the deadline. Now she is crying over the spilt milk.

Ans: Being upset over something that has already happened.

Q372. Which of the following words is the antonym (the word opposite in meaning) of the word ‘Nebulous’?

Ans: Certain

Q373. Which of the following will be the meaning of the group of highlighted words, in the given sentence?

Ram started moving heaven and earth to finish his project before the deadline.

Ans: To try one's best

Q374. Which of the following words is the synonym (the word similar in meaning) of the word ‘Abnegation’?

Ans: Renunciation

Q375. Which of the following words is the synonym (the word similar in meaning) of the word ‘Facetious’?

Ans: Whimsical

Q376. Which of the following will be the meaning of the group of highlighted words, in the given sentence?

Greg was offered to coach the Indian Cricket team for the 2019 world cup, but he missed the beat because of some personal reasons.

Ans: Lost the opportunity

Q377. Which of the following will be the meaning of the group of highlighted words, in the given sentence?

In her book, Positivity, Barbara Fredrickson suggests to nip the negative emotion in its bud.

Ans: Prevent something at the beginning or early phase.

Q378. Which of the following words is the synonym (the word similar in meaning) of the word ‘Loquacious’?

Ans: Garrulous

Q379. Which of the following can replace the given statement with a single word?

‘A person who is honorably discharged from a service.’

Ans: Emeritus

Q380. Which of the following words is the antonym (the word opposite in meaning) of the word ‘Acumen’?

Ans: Ignorance

Q381. Rocky and Peter walked /in silence /besides each other. /No Error.

Ans: besides each other

Q382. It’s raining /cats and dogs /since last night. /No Error.

Ans: It’s raining

Q383. Which of the following words is the antonym (the word opposite in meaning) of the word ‘Coarse’?

Ans: Delicate

Q384. Which of the following words is the antonym (the word opposite in meaning) of the word ‘Coarse’?

Ans: Delicate

Q385. Amit and Braj together can complete a job in 12 days. Braj and Chinmay together can complete a job in 10 days.Amit and Chinmay can complete the same work in eight days Find the minimum time taken by them to complete twice the work if exactly two

people works on any day and no one work on every 4th day.[Note:A single person cannot take rest for 2 consecutive days and cannot work for 3 consecutive days]

Ans: 2515days

Q386. Ramesh takes twice as much time as Manjar and thrice as much time as Suraj to complete a job. If working together, they can complete the job in 4 days,find the time taken by Manjar to complete the work.

Ans: 12 hrs

Q387. Two men and seven boys can do a piece of work in 14 days, three men and eight boys can do the same in 11 days. Find the amount of time taken by eight men and six boys to complete three times the work?

Ans: 21 days

Q388. A and B can do a piece of work in 8 and 10 days respectively. If they work on alternate days with A beginning the work on Monday and both not working on Sundays. Find the total number of days after which the task got completed .

Ans: 945 days

Q389. Eight typists working for 9 hours a day can type a whole book in 20 days. In how many days can seven men working for 10 hours a day can type a text which is 34 th of 1st book?

Ans: 1537days

Q390. A and B can do a piece of work 10 days. B and C can do it in 15 days. If A is twice as good as C, find in what time B alone can do the total work?

Ans: 30 days

Q391. Machine A, B, and C, working alone take 20,10 and 5 day to make 2000 bolts each. If the defect in their daily production is 4%,5% and 9% approximately respectively. Find number of days taken to produce 5000 defect less bolts when all the machines are working simultaneously

Ans: 7913

Q392. An ant climbs 18th part of remaining portion of a plant every hour and slips 20% of the total part climbed . Find the time taken by ant to reach at the top of plant.

Ans: It will not reach at the top

Q393. Anuj can build a wall in 24 days and Bunny in 36 days. With the help of a 3rd person Dev, the constructional work is done in 18 days when all of them work simultaneously. Find the number of days taken by Dev to do total amount of work alone.

Ans: 72 days

Q394. A and B undertake a piece of work for Rs. 897. A alone can do it in 6 days while B can do it in 8 days. With the help of C, they finish it in 3 days. On the quality of their work, their wagers were distributed in ratio 3:3:2. Find the sum received by C

Ans: Rs. 78

Q395. Arvind can do a piece of work in 10 days and Bhupesh in 20 days. They work together but 2 days before the completion of the work, Arvind leaves. In how many days was the work completed?

Ans: 8 days

Q396. If three men or 6 boys can do a piece of work in 10 days, working 7 hours a day, how many days will it take to complete a piece of work twice the original with six men and two boys working together for 8 hours per day?

Ans: 712days

Q397. 3 boys and 4 girls can dig 3780 m3of earth in 7 days. 11 boys and 13 girls can dig 15040 m3 in 8 days. In what time will 7 boy and 9 girls can dig 12400 m3 earth?

Ans: 10 days

Q398. A hostel of 3300 students has food for 32 days when given at the rate of 850 gm per student. After a week some more students were admitted to the hostel, and the food stored was enough for the next 17 days, when given at a rate of 825 gm per student. Find the number of students presently present in the hostel.

Ans: 5000

Q399. A can do a piece of work in 52days ,B and C can do the same work in 313days each.If working together they charge Rs 190for completion of work and their earnings ratio is 4:6:9.Find the sum of money earned by C,if he completes the whole work alone.

Ans: 300

Q400. A can do a piece of work in 52days ,B and C can do the same work in 313days each.If working together they charge Rs 190for completion of work and their earnings ratio is 4:6:9.Find the sum of money earned by C,if he completes the whole work alone.

Ans: 300

Q401. Arundhti is a non-prime customer of Alibaba.com. She has been regularly ordering goods only from Alibaba.com for more than 4 years. She has also purchased goods worth Rs 10,000 in the previous month. She has never been provided with any bulk discount. What will be the delivery fee will she pay?

Ans: Rs 1000

Q402. Kaustubh is a student from India, a developing country is of 25 years of age. He ranks in top 5 percentile of GMAT. He has a letter of admission of the University of Chicago, which ranks 52nd in the US. He has a letter of recommendations from various senior faculties in India. Will he be considered for a scholarship?

Ans: His case will be referred to the admission council

Q403. Lata is a commerce graduate from Delhi School of Economics and fluent in German and English. She is ready to pay Rs 5,00,000 as a security deposit to the company. She is willing to sign an undertaking of 5 years. Should she be selected?

Ans: Insufficient data to answer the question

Q404. Lihn is a student from Vietnam, a developing country is of 32 years of age. He ranks in top 1 percentile of GMAT. He has a letter of admission of the University of Atlanta, which ranks 3rd in the US. He has a letter of recommendations from various senior faculties in Vietnam. Will he be considered for a scholarship?

Ans: He will not be considered for a scholarship

Q405. Perfectice Pvt Ltd is a startup which has obtained its six sigma status and has clearances from the Ministry of Environment. It has total assets of 30 lakhs and is ready to give 25000 rupees as registration fees. There are no legal cases pending against them. Will Perfectice Pvt Ltd be given KSO certification?

Ans: Yes, the Company will be given the certification

Q406. Mr. Gyanchand is a postgraduate in Physics from Sant Longowal Institute of Engineering and Technology. He has not taken any scholarship in the past. He has scored a rank of 4500 in the entrance test. He is also willing to serve in a government research lab. Should the candidate be selected?

Ans: Insufficient data to answer the question

Q407. Kin is a student from Brazil, a developing country is of 20 years of age. He ranks in top 8 percentile of GMAT. He has a letter of admission of the University of Elindirth, which ranks 20th in the US. He has a letter of recommendations from various senior faculties in Brazil. Will he be considered for a scholarship?

Ans: He will be considered for a scholarship

Q408. Mr. Beg is a post graduate in Physics from IIT Roorkee with 80% marks. He got 4500 rank in the entrance test. He has not taken any government scholarship in the past and is ready to serve in a government research lab for one year. Should the candidate be selected?

Ans: Candidate should be referred to the Director of the Institute

Q409. DLR Enterprise is an established company which has obtained its six-sigma status and have their clearance from Ministry of Environment. It is going through a bad phase and has total assets of 15 lakhs and can give 50,000 rupees as registration fees. There are no legal cases pending against them. Will DLR Enterprise be given KSO certification?

Ans: The case will be referred to Chief financial officer of the company

Q410. Dinesh is a prime customer of Alibaba.com from last five years. He had bought goods worth Rs 75,000 from Alibaba.com in the previous month. He is not associated with any e-commerce company. He has never been provided any bulk discount or special discount. What will be the delivery fee will he pay?

Ans: No delivery charge

Q411. Ram Prasad is a 23-year-old CFA with fluency in German and English. He is ready to pay Rs 4000 as the security deposit and is willing to sign a bond of five years. Should he be selected?

Ans: Candidate should be referred to the Finance Head of the company

Q412. Kaal Cooperative Ltd is a cooperative company which has obtained its six sigma status but does not clearance from Ministry of Environment. It has total assets of 45 lakhs

and is ready to give 25000 rupees as registration fees. There are no legal cases pending against them. Will Kamal Cooperative Ltd be given KSO certification?

Ans: The case will be referred to Chief executing officer of the company

Q413. Mr. Ghanshyam is pass out of Great River Institute of Management with a Master's degree in commerce with a grade 'A.' He is fluent in English and German. He is willing to give an undertaking of 5 years and is also ready to pay the required amount as a security deposit. His date of birth is 09.08.1985.

Should he be selected?

Ans: Candidate should be selected

Q414. Kartik is a prime customer of Alibaba.com. He has been regularly ordering goods from the last five years. He had bought goods worth Rs 75,000 from Alibaba.com in the previous month. He is associated with Zapak International, another e-commerce company. He has never been provided any bulk discount or special discount. What will be the delivery fee will he pay?

Ans: Rs 2000

Q415. Mr. Ranjeet is postgraduate in Chemistry from Punjab College of Engineering with 75% marks. He got a rank of 250 in the entrance test. He has not taken any government scholarship in the past and is willing to serve in a government research lab for one year. Should the candidate be selected?

Ans: Candidate should not be selected

Q416. Mr. Ranjeet is postgraduate in Chemistry from Punjab College of Engineering with 75% marks. He got a rank of 250 in the entrance test. He has not taken any government scholarship in the past and is willing to serve in a government research lab for one year. Should the candidate be selected?

Ans: Candidate should not be selected

Q417. Ram along with his family members……. going out for dinner.

Ans: Is

Q418. At the end of the class, each boy and each girl……...a box of crayons.

Ans: Gets

Q419. Which of the following sentences is grammatically correct?

Ans: They think that she will pass the examination because she works very hard.

Q420. (A) Work hard/ (B)yet you will/ (C)fail the final examination/ (D)No Error.

Ans: B

Q421. The Prime Minister and the President has been going to the USA in June this year.

Ans: The Prime Minister and the President are

Q422. Ten years……. a very long time for a person to spend in prison.

Ans: Is

Q423. (A) Everyone should/ (B)perform their/ (C)duties well/ (D)No Error.

Ans: B

Q424. Which of the following sentences is grammatically correct?

Ans: He finished not only his History homework but also his English homework.

Q425. ……. she was intelligent, she was duped by a fake insurance agent.

Ans: Although

Q426. (A) The team members/ (B)as well as the captain/ (C)wants the team to win/ (D)No Error.

Ans: C

Q427. Rajat was going to Calcutta……...his colleague asked him to deliver a small parcel to his friend at the airport.

Ans: Therefore

Q428. (A) Both of you/ (B)as well as your friend/ (C)has to ask for forgiveness/ (D)No Error.

Ans: B & C

Q429. (A) Ram and Shyam/ (B)have to go to/ (C)its dance class at 4PM/ (D)No Error.

Ans: C

Q430. Which of the following sentences is grammatically correct?

Ans: Not only you but also your brother is invited to the party.

Q431. Hard work and determination have the key to achieve success in life.

Ans: Hard work and determination is

Q432. Hard work and determination have the key to achieve success in life.

Ans: Hard work and determination is

Q433. When 'N' is divided by 'A', the remainder comes as 16 and when '2N' is divided by 'A', the new remainder becomes 9. Which of the following will be the divisor?

Ans: 23

Q434. A bakery bakes some brown bread and some white breads. They sold 15 white breads consecutively and are left with twice the number of brown bread as white bread. Again 45 brown breads are sold consecutively and the bakery is left with 5 times white bread as brown bread. Find the number of white bread baked by the bakery .

Ans: 40

Q435. There are (N) number of rows in a nursery. If 5 flowers are planted in each row then three rows remain unplanted. If however, 4 flowers are planted in each row then 4 flowers remain unplanted. Find the total number of flowers.

Ans: 80

Q436. Find the remainder when3157is divided by 11

Ans: 9

Q437. Find the sum of all possible distinct remainder which are obtained when square of a prime number is divided by 6.

Ans: 8

Q438. Four ferry starts from four different beaches in Goa namely Hansa,Bimbel ,Baina and Bogmalo takes 5 minutes ,10 Minutes ,15 minutes and 20 Minutes respectively to reach the nearby island .They start at 10:00 Am from their respective places for the nearby island. Find the time at which all four will reach the island simultaneously. [Next ferry from any beach leaves for island when the previous ferry from same beach reaches the island].

Ans: 11:00AM

Q439. Find the greatest power of 25 that exactly divides100!

Ans: 12

Q440. Find the remainder 10215×84911

Ans: 4

Q441. Sonu Prasad is on tour and he has 360 rupee for his expenses. If he exceeds his tour by 4 days, he must cut down his daily expenses by 3 rupee. For how many days, Sonu Prasad is on tour ?

Ans: 20 days

Q442. Direction for Questions12-14

In a residential society ,28% of the residents prefer Hyundai cars and 79% of the people prefer Honda cars.5 people prefer any of the two car and 2 people don’t prefer car.

What percent of residens prefer Honda car.

Ans: 68%

Q443. Which of the following can be a remainder when a square of a prime number (N) is divided by 6. (N>5)

Ans: 1

Q444. Which of the following will represent (243)8in base 10

Ans: 163

Q445. Find the remainder when (234)7is written in decimal and divided by 6

Ans: 3

Q446. Direction for Questions12-14

In a residential society ,28% of the residents prefer Hyundai cars and 79% of the people prefer Honda cars.5 people prefer any of the two car and 2 people don’t prefer car.

What percent of residents prefer only one car?

Ans: 85%

Q447. Direction for Questions12-14

In a residential society ,28% of the residents prefer Hyundai cars and 79% of the people prefer Honda cars.9 people prefer any of the two car and 2 people don’t prefer car.

Find the total number of resident in the society.

Ans: 100

Q448. Direction for Questions12-14

In a residential society ,28% of the residents prefer Hyundai cars and 79% of the people prefer Honda cars.9 people prefer any of the two car and 2 people don’t prefer car.

Find the total number of resident in the society.

Ans: 100

Q449. What will be number for the possible combinations for the three persons to be selected?

Ans: 4

Q450. Who among the following is posted in Mumbai?

Ans: Koustabh

Q451. Who among the following is an Electrical Engineer?

Ans: Utkarsh

Q452. Which of the following is the background of the student placed in Chennai?

Ans: Computer Science Engineering

Q453. How many targets did Hariom hit?

Ans: Cannot be determined

Q454. If we select Mr. Patel, the health minister, then who among the following can be the other two people to be selected?

Ans: Mr. Parikar and Mr. Gandhi

Q455. Who among the following should necessarily be selected?

Ans: Mr. Gandhi

Q456. Total, how many targets were hit together by the persons with codenames ‘Tango’ and ‘Charlie’?

Ans: 3

Q457. Which of the following is the educational background of Aman?

Ans: Non-Engineering

Q458. What is the code name of Balveer?

Ans: Alpha

Q459. How many targets did Balveer hit?

Ans: 3

Q460. Which of the following set of people cannot be selected for the delegation?

Ans: Finance minister, Defence minister and Mr. Tharoor

Q461. What is the code name of Lakhanpal?

Ans: Tango

Q462. Who among the following is posted at Bangalore?

Ans: Data Inadequate

Q463. Which of the following is the health minister?

Ans: Cannot be determined

Q464. Which of the following is the health minister?

Ans: Cannot be determined

Q465. His proposal of a new shopping mall never saw……..light of day.

Ans: The

Q466. Choose the grammatically correct statement from the given choices.

Ans: While he was walking through the park, the dog bit him.

Q467. …….Philippines is a beautiful holiday destination with picturesque beaches.

Ans: The

Q468. Choose the grammatically correct statement from the given choices.

Ans: The box, which was over a hundred-year-old, cracked as they tried opening it.

Q469. Iti visited her /doctor as she wanted /an advice on her health issue /No Error.

Ans: an advice on her health issue

Q470. She has started/looking for an university/for higher studies/No Error.

Ans: looking for an university

Q471. She wanted to /diligently do her duty /in the office /No Error.

Ans: diligently do her duty

Q472. Choose the grammatically correct statement from the given choices.

Ans: Looking out of the window, I saw that the mountains were covered with snow.

Q473. Since yesterday night I am having……...fever.

Ans: A

Q474. She used her shoe as……...hammer to kill the spider.

Ans: A

Q475. Choose the grammatically correct statement from the given choices.

Ans: Wrapped in red and gold gift paper, the parcel was delivered to my mother by me.

Q476. Being a trustworthy citizen, my father was chosen as……MLA by the people.

Ans: An

Q477. She was surprised /quite when she heard /the news of Ram's death /No Error.

Ans: quite when she heard

Q478. She has started speaking……very good English since she has returned for the USA.

Ans: No article

Q479. Choose the grammatically correct statement from the given choices.

Ans: While I was walking down the lane, I met my school friend.

Q480. Choose the grammatically correct statement from the given choices.

Ans: While I was walking down the lane, I met my school friend.

Q481. Three fractions, 2/3, 3/4 and 4/5 was given to a student. He was asked to find the LCM of the fractions and then treating it as the dividend, divide it with the HCF of the fractions. What was the answer he obtained?

Ans: 720

Q482. The number 27A39B32C is such that it is divisible by 5,16 and 18, each of them. A,B and C all are positive integers and unique. What is the value of A+B, when B is a multiple of 2?

Ans: 9

Q483. We have a number in our office, N, whose value is 0.abcdabcdabcd…, he is a recurring decimal. We want to make it like ourselves, an integer. We have all the numbers in the universe in our friend circle. Whom should we introduce N to so that he can multiply with it and become an integer like us?

Ans: 9999

Q484. Rahul's mother told Rahul that if he tells her the smallest 5-digit number which when divided by 9, 17 and 23 leaves the same remainder of 8, then she will make his favorite chocolate custard later tonight. Later on, Rahul ate the chocolate custard cooked by his mother at night. What answer did Rahul give?

Ans: 10565

Q485. The number of ways in which the number 72000 can be expressed as the product of two numbers whose highest common factor is 1 are-

Ans: 4

Q486. A bookstore decided to lend out N number of books among D number of students. After lending equal books to D number of students, the owner observes that 17 books were left. After some days, the stationary guy opposite the bookstore decided to distribute free pens among the students and bought 5N pens. He distributed them among the same D number of students and saw that 18 pens were left. What was the number of students?

Ans: 67

Q487. A government school decided to distribute chocolates on the occasion of children's day. The number of chocolates ordered were the perfect cube of a number and were sufficient enough to be distributed among all the students, teachers and staff of the school equally who were amounting to be 968 in number. How many chocolates were ordered ?

Ans: 10648

Q488. A school has N number of students. The management decided that they will assign a particular number of teachers to handle the students in such a way that every teacher handles the same number of students. 3 teachers were assigned on the first day, 4 teachers were assigned on the second day, 5 teachers were assigned on the third day and 7 teachers were assigned on the fourth day, but each day it so happened that one student was left out. What is the value of N?

Ans: 419

Q489. An Indian media house made a detailed report on all the candidates of a particular party participating in the General election 2019. The whole report was of 1500 page and was sent to be published into a book when the editor realized that there were no page number. He asks the typist to edit the page number on each page. How many times does the typist press the numeric keys on a normal keyboard to complete the task assigned to him?

Ans: 4893

Q490. Find the product of all the numbers under 20, including 20, whose factors, when multiplied with each other is equal to the cube of that number.

Ans: 4320

Q491. A famous cab service company, Suber, decided to send all their vehicles for election duty. Half of the vehicles were sent to North and West India (Region 1) while the remaining half were sent to East and South India (Region 2). After sending equal vehicles to both the regions, the owner noticed that he had one vehicle left in the parking lot. The Vehicles sent in the region 2 were further allotted 7 different states to cover. After all the vehicles in the region 2 went to their allotted states, it was found that 4 vehicles were left in the parking. The vehicles sent to states were then asked to cover 3 regions to cover the whole state. When the vehicles sent to each of the 7 states proceeded to cover the 3 different regions, none of the vehicles were left. How many vehicles were allotted to the Region 1, that is, North and West India?

Ans: 25

Q492. We have a set of numbers, X = {2/729, 2/243, 2/81, 2/27 ….. 34992}. There is one subset of X, named Y, and the elements of the Y are such that the product of no two elements is 96. What is the maximum possible number of elements in Y?

Ans: 9

Q493. Three distinct number, a,b and c are such that they are odd and positive. There are some properties regarding them that we came to know. They are: -

(i) a3b2c is an odd term.

(ii) (a-b)2c3 is even.

(iii) (a+b+c)2(a-b) is even.

This is something new to us. Which of the following of the above three statements are true ?

Ans: all of them

Q494. Kamlesh was asked to choose a 4-digit number and then rearrange it in such a manner that he obtains the maximum possible number. After rearranging, he was asked to subtract the two. But Kamlesh misheard and instead rearranged it in such a manner that he obtained the minimum possible number and subtracted it from the original number. He was scolded and was asked to correct his mistake. While he was correcting his answer, he noticed that both the differences were divisible by a common number which was not prime. What was that number?

Ans: 9

Q495. In a special bonanza offer, a company decided to distribute envelopes that had some money in them. The money was equivalent to the number written on top of the envelope. The envelopes were numbered from 1 to 500, with the envelope having the number 278 on top of it having Rs.278 inside it. One of the exclusive customers was given all the envelopes that were even in number. Another customer was given the

envelopes that were multiple of 5 from the remaining envelopes. What is the amount of money that is left in all the envelopes collectively?

Ans: 50000

Q496. In a special bonanza offer, a company decided to distribute envelopes that had some money in them. The money was equivalent to the number written on top of the envelope. The envelopes were numbered from 1 to 500, with the envelope having the number 278 on top of it having Rs.278 inside it. One of the exclusive customers was given all the envelopes that were even in number. Another customer was given the envelopes that were multiple of 5 from the remaining envelopes. What is the amount of money that is left in all the envelopes collectively?

Ans: 50000

Q497. Choose the grammatically correct statement from the given choices.

Ans: Top universities hire the best professors, admit the most deserving students and reward the brightest minds.

Q498. Choose the grammatically correct statement from the given choices.

Ans: Correct investment has pulled families out of poverty in India and in other parts of the world.

Q499. Choose the grammatically correct statement from the given choices.

Ans: The more you listen to what other people have to say, the greater the chance you stand of hitting upon a new idea.

Q500. Choose the grammatically correct statement from the given choices.

Ans: Mehul is the most interesting and cleverest boy of the class.

Q501. Choose the grammatically correct statement from the given choices.

Ans: The distinct features of modern banking are that it is interest-free, multi-purpose and equity oriented.

Q502. Choose the grammatically correct statement from the given choices.

Ans: The government has to play a vital role in managing the consequence of natural disasters, protecting low income and improving infrastructure.

Q503. Choose the grammatically correct statement from the given choices.

Ans: The ability to endure failure and find the strength to correct the faults is the true test of life.

Q504. Choose the grammatically correct statement from the given choices.

Ans: Besides writing fictions, the author also focused on real-life issues like drug trafficking and arms proliferation.

Q505. Choose the grammatically correct statement from the given choices.

Ans: Today workplaces are designed on a concept of openness with employees sitting in cubicles and working in close proximity with only thin walls separating them.

Q506. Choose the grammatically correct statement from the given choices.

Ans: With the advent of the camera, not only the camera expensive, but also the cost of developing the picture.

Q507. Choose the grammatically correct statement from the given choices.

Ans: Real leaders not only identify creative people but also encourage creativity.

Q508. Choose the grammatically correct statement from the given choices.

Ans: Mahima loves reading, sleeping and dancing during her free time.

Q509. Choose the grammatically correct statement from the given choices.

Ans: The new manager is looking forward to meeting all the assistant managers and is working on the new project.

Q510. Choose the grammatically correct statement from the given choices.

Ans: The head of the family reflects on the options, weighs them carefully and decides the solution.

Q511. Choose the grammatically correct statement from the given choices.

Ans: Just as the rapid pace of cultural change brings innovation, so also sudden technological change leads to positive change in society.

Q512. Choose the grammatically correct statement from the given choices.

Ans: Just as the rapid pace of cultural change brings innovation, so also sudden technological change leads to positive change in society.

Q513. Anvi can complete one-fourth of a piece of work in five-twelfth of the time taken by Bhavani to complete the entire work. If they together can complete the work in 15 days, then in how many days can Bhavani working alone complete the work?

Ans: 24

Q514. A train was scheduled to leave Delhi station at 9:00 hrs, but due to mismanagement of official staff, the train left the station at 7:00 hrs. To make up the time till the next station which is 168 km away; the driver decided to lower his actual speed by 2 km/hr. Find the actual speed of the train?

Ans: 14km/hr

Q515. The distance between two states A and B is 450 km. A Bus XX starts from A and moves towards B at an average speed of 20 km/h. Another Bus YY starts from B, 20 minutes earlier than the bus XX, and moves towards A at an average speed of 30 km/hr.

How far from A will the two Buses will meet?

Ans: 176 Km

Q516. A 280 m long train moving with an average speed of 108 km/h crosses a platform in 12 seconds. A boy crosses the same platform in 8 seconds. What is the speed of boy in m/s?

Ans: 10 m/s

Q517. Andy and Alice can complete a piece of work in 20 days working together. They both started working together, and Andy left after working for X days, and Alice completed the remaining work in X2 more days. If they both have worked for 34Xday and then Andy leaves, Alice would take X more days to complete the remaining work. Find the Work efficiency of ANDY and ALICE.

Ans: 1:1

Q518. A car driver observed that a bus was 40 m ahead of the car and after 20 seconds the car was 60 m ahead of the bus. If the speed of the bus is 38 kmph, then find the speed of the car (in kmph).

Ans: 56

Q519. A, B and C undertake a piece of work to complete it for Rs1200. A can complete the work in 8 days, B in 12 days and C in 16 days. They complete the work with the help of D in 3 days. Find the amount received by D for completing the job?

Ans: Rs 225

Q520. Gaurav first travelled from A to B and then from B to C. The distance between A and B and the distance between B and C were in the ratio 2 : 3. Gaurav's average speed between A and B and his average speed between B and C were in the ratio 5 : 4. If Gaurav's average speed for the entire journey was 40 km/hr, what was his average speed (in km/hr) between A and B?

Ans: 46 km/hr

Q521. A, B and C can walk at the rate of 3, 4 and 5 Km per hour respectively. They start from Pune at 1, 2, 3 o'clock respectively. When B catches A, B sends A back with a message to C. When will (C) get the message?

Ans: 5:15 o'clock

Q522. In a row, 60 students were standing at a distance 1 meter behind from other and were moving forward with a speed of 3m/s. The last student in a row wanted to convey a message to the 1st student, but he did not want to disturb other. He ran towards the 1st student conveyed the message and returned back to his place. In total, he covered 240 meters. Find the running speed of the student.

Ans: 32m/s

Q523. Shivam sets out to cycle from point A to B; and at same time Hemant starts from B to A. After passing each other they complete their journeys in 4 and 16 hours respectively. At what rate does Hemant cycle if Shivam cycle at 18 km per hour?

Ans: 9 km/hr

Q524. Two trains A and B start at the same time from point M and N. A goes from point M to N at a speed of 45km/hr whereas B goes from point N to M at a speed of 50km/hr. When they meet each other at a common point O, it is found that one of the trains has travelled 25km more than the other. Find the distance between M and N

Ans: 475 km

Q525. A water tank has M inlet pipes and N outlet pipes. An inlet pipe can fill the tank in 8 hours while an outlet pipe can empty the full tank in 12 hours. If all pipes are left open simultaneously, it takes 6 hours to fill the empty tank. What is the relation between M and N.

Ans: Cannot be determined

Q526. Grass in a field can completely feed 20 cows or 30 goats for a day. The same field is sufficient to feed 10 cows and 12 goats together for

Ans: 119days

Q527. A cistern has two pipes. One can fill it in 8 hours, and the other can empty it in 5 hours. In how many hours will the cistern be emptied if both the pipes are opened together when 34 of the cistern is already filled with water?

Ans: 10 hrs

Q528. A cistern has two pipes. One can fill it in 8 hours, and the other can empty it in 5 hours. In how many hours will the cistern be emptied if both the pipes are opened together when 34 of the cistern is already filled with water?

Ans: 10 hrs

Q529. What day of the week on the day which is 23 days prior to the day which is 55 days after Monday?

Ans: Friday

Q530. If the time in a clock is 7 hour 15 minutes, then what time does it show on the mirror.

Ans: 4 hour 45 min

Q531. In the PP-Planet, P-clock is used which rotates 4 times in a day. A day in Planet-PP is of 20 hours. A minute in P-clock consists of 40 sec and an hour consists of 40 minutes. Amit started to travel from Planet-PP on 1st April and reached Erath on 11th day traveled from Planet-PP to Earth, and he noticed it takes 10 days 5 hours and 20 minutes for a person to travel from Planet-PP to Earth. Find the time taken by you to travel to PP-time zone. (1 sec is equal in value in both)

Ans: 3 day 19 hours 12 minutes

Q532. Amit syncs his wristwatch to the wall clock of his room at 9 am morning. Due malfunction in his wristwatch it gains 30 sec per hour, and the wall clock loses 45 sec per hour. After 10 hours he noticed his wrist clock was X minutes ahead of his wall clock. Find the value of X (in minutes)

Ans: 12.5 minutes

Q533. What are the least possible cuts required to cut a cute into 150 identical pieces?

Ans: 13

Q534. If you were born on 21st September 1991 which was Sunday, then on which day of the week does your birthday tall is 1993.

Ans: Wednesday

Q535. If Gandhi Jayanti is 1999 was celebrated on Monday, then Ambedkar Jayanti in 2000 will be celebrated on which of the day?

Ans: Sunday

Q536. Find the minimum number of cubes having two faces painted Green.

Ans: 0

Q537. A what time does the clock show when the hour hand is between 3 and 4 and the angle between the two hands of the clock is 650?

Ans: 28211 min past 3

Q538. Amit met Anita 50 days back and planned to visit a nearby market for a survey today. But Anita called Amit to intimate that she cannot meet him in the next 10 days, and will meet him on the 11th day. If they met on Wednesday, find the day when they last met.

Ans: Friday

Q539. The new session of my class 9 started on 4th April Monday and ended on 24th Feb. Apart from Sunday, I was also granted holiday on 2nd Saturday's of the week. Find the total number of holiday I got in 9th standard from Saturday & and Sundays.

Ans: 57 days

Q540. A watch showed 10 minutes past 7 O'clock on Monday morning when the correct time was 7 O'clock. It loosed its uniformly and was observed to be 5 minutes slower on the subsequent Wednesday at 1 a.m. When did the clock show the correct time?

Ans: 7 : 00 PM Tuesday

Q541. What is the maximum possible number of smaller cubes that have only red Green on them?

Ans: 15

Q542. 512 smaller cubes of dimension 1 cm × 1 cm are stacked together to form a larger cube and then the cube is cut along diagonals. How many smaller cube are cut into two pieces?

Ans: 128

Q543. How many maximum small cubes have all the three colors on them.

Ans: 4

Q544. How many maximum small cubes have all the three colors on them.

Ans: 4

Q545. Which of the following sentences is/are grammatically correct?

S1: Michele signed up for the classes for swimming, painting and cooking class.

S2: Michele signed up for the classes for swimming, to paint and to cook.

Ans: Neither S1 nor S2

Q546. Sheldon gave Raj _____ to do. Then, he ate _____.

Ans: A piece of work, a slice of bread

Q547. The dozen of bananas were bought by me.

Ans: A dozen of bananas

Q548. Geeta is the _____ of the two sisters. She is _____ than intelligent.

Ans: Better, more wise

Q549. Ram as well as Lucky ____ going out for dinner. As soon as it _____, they _____ bring out their umbrellas.

Ans: Is, rains, will

Q550. Which of the following sentences is/are grammatically correct?

S1: Rama is both a great painter and sings well.

S2: Rama is both a great painter and an excellent singer.

Ans: Only S2

Q551. M.S. Dhoni drinks four and half liters of milk and runs five and quarter kilometers every day.

Ans: four and half a liter of milk and runs five and a quarter kilometer

Q552. Which of the following sentences is/are grammatically correct?

S1: I have a little water.

S2: I have little water.

Ans: Both S1 and S2

Q553. Ram organized a grand feast/ and at the end, / little quantity of food was wasted. / No Error.

Ans: little quantity of food was wasted

Q554. My father loves to paint, barbecuing and gardening.

Ans: Painting, barbecuing and gardening

Q555. Which of the following sentences are grammatically correct?

S1: No sooner did John see the police when he ran away.

S2: Hardly did John see Rambo than he stopped his motorcycle.

S3: No sooner did John see the police than he ran away.

S4: Hardly did John see Rambo when he stopped his motorcycle.

Ans: Only S3 and S4

Q556. Which of the following sentences is/are grammatically correct?

S1: As soon as Ramu Kaka brings vegetables, I will call you up.

S2: As soon as Ramu Kaka will bring vegetables, I call you up.

S3: As soon as Ramu Kaka will bring vegetables, I will call you up.

Ans: Only S1

Q557. Which of the following sentences is/are grammatically correct?

S1: Since it is raining, so I am not going to play outside.

S2: As she was ill, so she could not join us for the dance class.

Ans: Neither S1 nor S2

Q558. Gopal said to Shyam, “Papa has said not to make noise and never to tell lie.”

Ans: Papa has said not to make a noise and never to tell a lie

Q559. Which of the following sentences is/are grammatically correct?

S1: Titanium is stronger than any metal.

S2: Titanium is stronger than any other metal.

S3: Diamond is stronger than any metal.

Ans: Only S2 and S3

Q560. Which of the following sentences is/are grammatically correct?

S1: Titanium is stronger than any metal.

S2: Titanium is stronger than any other metal.

S3: Diamond is stronger than any metal.

Ans: Only S2 and S3

Q561. If $(ab)^{2x-3}=(ba)^{x-9}$, then x is equal to

Ans: (4)

Q562. Sum of square of three consecutive positive odd numbers is 155. Find the sum of the numbers.

Ans: 21

Q563. Find a and b if product of and sum of roots of equation $2x^2 + ax + b = 0$ are 5 and 6 respectively.

Ans: -10 and 12

Q564. Which of the following can be the value of (K) for which the system of equation $x^2 + 5x + 9 = 0$ and $2x^2 + kx + 11 = 0$ has infinite number of solution.

Ans: 559

Q565. Find the coefficient of x^3 in expansion of $(1+2x)^{12}$.

Ans: 1760

Q566. If the coefficient of 2nd, 3rd and 4th term in the expression of (1 + x)n are in arithmetic progression, find value of (n).

Ans: 7

Q567. Find the largest value of (x) which satisfies the equation 2x2 – 7x + 6 = 0.

Ans: 2

Q568. If one root of the equation (x2 – Kx – 22) = 0 is –2. Find the value of K.

Ans: 9

Q569. If roots of equation k2 – 5K + 1 = 0 are (a) and (b) then find the equation whose roots are (2a + 1) and (2b + 1).

Ans: K2 – 12K + 15 = 0

Q570. α and β are roots of equation x2 – 5x + 6. Which of the following equation will have roots as 1α and 1β.

Ans: 6x2 – 5x + 1

Q571. If (x) is a positive integer, for how many values of (x) will the expression 16x2+7x+6x be an integer?

Ans: 4

Q572. F(1) = 0

F(2) = 1

F(3) = 4

F(4) = 9

Find sum of F(1) + F(2) + F(3) + ……..F(27)

Ans: 6201

Q573. What is the smallest possible value of x+8x, if (x) can have real values only?

Ans: 2

Q574. A quadrilateral of perimeter 40 cm can have maximum area equal to :

Ans: 100 cm

Q575. Find minimum possible value of expression x2– 5x + 6

Ans: –14

Q576. Find minimum possible value of expression x2– 5x + 6

Ans: –14

Q577. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BDCA

Q578. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BADC

Q579. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: DACB

Q580. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BADC

Q581. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BDCA

Q582. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CBDA

Q583. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CBDA

Q584. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BDCA

Q585. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: ACDB

Q586. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BCAD

Q587. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BADC

Q588. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BCAD

Q589. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: DBAC

Q590. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BDCA

Q591. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: ADCB

Q592. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: ADCB

Q593. 4 Friends, Sansa, Arya, Jon and Tyrion have 700 rupees collectively. Sansa has 70 rupees more than Arya. Jon has 50 rupees less than Arya. Tyrion has 80 rupees more than the money Arya and Jon have combined. They all have only 10- and 20-rupees notes. What is the least number of 10-rupee notes that they can have?

Ans: 2

Q594. Marvel is celebrating the success of Endgame and decided to throw a party. All the persons involved in the making were invited. People came in car and bikes. In total, there were 100 vehicles in the parking. A guard counted that there were 280 wheels in total. How many bikes were there?

Ans: 40

Q595. Gopal decided to give some money to Salman and Vivek. The amount given to both of them was such that if Salman gave 25 rupees to Vivek, they both will have the same amount. If Vivek gave 50 rupees to Salman, then Salman will have 4 times of what Vivek would have. How much money do they have in total?

Ans: 250

Q596. A takes 3 hours more than B to walk a distance of 30 km. When A doubles his speed, he can cover the same distance one and half hour quicker than B. What was A's initial speed?

Ans: 103

Q597. Ram and Shyam went to KFC. Ram ate 2 chicken wings, 5 zinger burgers and 9 puff corn. While Shyam ate 4 chicken wings, 10 zinger burgers and 13 puff corn. Shyam paid 23 more than what Ram paid. What fraction of money did Ram pay for puff corn he ate?

Ans: 115

Q598. Ganesh went to the market to buy sugar and ghee for making sweets. He calculated if he buys 8 kg of sugar and 9 kg of ghee, it will cost him Rs.1540. Ongoing to the market, he realized that he has some unused ghee at home and decided to buy 5 kg more sugar and 4 kg less ghee as it will cost him only Rs.1155. What is the cost of 2 kg of sugar?

Ans: 70

Q599. A two-digit number, N was taken. Atul was asked to multiply the number with 34and subtract 9 from it. He mistakenly reversed the original number, multiplied it by 43 and added 9 to it and got the same result. What was the original number if the sum of the digits is 9?

Ans: 72

Q600. A flower shop was selling artificial and natural flowers. The shop has 4 varieties of each. All the 4 varieties of natural flower cost 250 collectively while the 4 types of artificial cost 70 collectively. The cheapest artificial flower costs 10 rupees. The combined price of 3 of the natural flowers is twice the cost of the rest of the artificial flower. What is the cost of the costliest natural flower?

Ans: 120

Q601. The cost of 7 Thumbsup, 5 sprite and 1 Fanta is 575 while the cost of 6 Thumbsup, 2 sprite and 8 Fanta is 480. What is the cost of 2 Thumbsup and 3 Sprite?

Ans: Insufficient data.

Q602. 4 Friends, Sansa, Arya, Jon and Tyrion have 700 rupees collectively. Sansa have 70 rupees more than Arya. Jon has 50 rupees less than Arya. Tyrion has 80 rupees more than the money Arya and Jon have combined. They all have only 10- and 20-rupees notes. If the amount in 20-rupee notes is less than the amount in 10 rupees notes by 220, how many 20-rupee notes are there in total?

Ans: 12

Q603. In a university, 45of the students are studying engineering and 18th of them are mechanical engineers. If 350 students in the university are non-mechanical engineers, how many students are studying in the university?

Ans: 500

Q604. Anil has only 1- and 2-rupee coins. The total value of 2-rupee coins is 12 more than that of 1-rupee coin. The number of 1-rupee coins is 4 more than that of 2-rupee coins. What is the total amount that Anil has?

Ans: 52

Q605. A teacher went to buy some sharpeners and eraser for the students. The sharpeners cost 5 rupees each while the eraser cost 8 rupees each. He bought a bunch of them and paid 90 rupees. If he bought a total of 15 items, how many erasers did he buy?

Ans: 5

Q606. The sum of the ages of Changu and Mangu is thrice of the sum of their ages 21 years before. If Mangu is 54 times older than Changu, how old is Changu?

Ans: 35

Q607. Three friends, Amar, Akbar and Anthony bought some stock market shares worth 64400 rupees. Each of them invested some amount. Anthony invested 25 of what Amar and Akbar invested collectively. Amar invested 12 of what Akbar and Anthony invested and 700 more to it. How much money did Anthony invested?

Ans: 18400

Q608. Three friends, Amar, Akbar and Anthony bought some stock market shares worth 64400 rupees. Each of them invested some amount. Anthony invested 25 of what Amar and Akbar invested collectively. Amar invested 12 of what Akbar and Anthony invested and 700 more to it. How much money did Anthony invested?

Ans: 18400

Q609. Which of the following philosophers talks about the role of government in keeping people happy?

Ans: Thomas Hobbes

Q610. According to the author, Plato was not in favor of democracy. Which of the following was the reason for that?

Ans: It was the Athenian democracy that sentenced Plato's beloved teacher Socrates to death.

Q611. What is the tone of the author in this passage?

Ans: Informative

Q612. Which of the following words is the synonym (the word similar in meaning) of the word 'AXIOM'?

Ans: Dictum

Q613. What is the belief that science has concerning human nature?

Ans: Scientific theory puts humans as the most developed race due to the cognitive abilities.

Q614. Which of the following words is the synonym (the word similar in meaning) of the word 'TYRANT'?

Ans: Dictator

Q615. What is the concept of 'charismatic authority' given by German sociologist Max Weber?

Ans: Max was giving explanation to how some people become charismatic leaders.

Q616. Which of the following words is the antonym (the word opposite in meaning) of the word ‘RANCOROUS’?

Ans: Appreciative

Q617. Why do philosophers believe in the non-existence of human nature?

Ans: None

Q618. John Locke’s which idea has been rejected by modern science?

Ans: Human mind is a blank slate.

Q619. According to the passage, which of the following can be inferred?

Ans: Urbanization is an irreversible process.

Q620. What is the author’s tone when he is talking about how parents behave in the first two paragraphs?

Ans: Factual

Q621. Which of the following is the tone of the author in the passage?

Ans: Informative

Q622. What is the purpose of the author to write down this passage?

Ans: To talk about what experts say about urbanization.

Q623. What is the purpose of ‘The Axiom of Transitivity for Better Than’?

Ans: To help people find the best possible option from the plethora of choices.

Q624. What is the purpose of ‘The Axiom of Transitivity for Better Than’?

Ans: To help people find the best possible option from the plethora of choices.

Q625. A bike is moving up hill with velocity 2 m/s.If the inclination of bike is 30° as compared to ground; find his effective uphill rate.

Ans: 1.74 m/s

Q626. Four horses are tied by a rope of 10 m on four corners of a rectangular grass field of 80 × 150m2. If all four horses are allowed to graze the rectangular plot, find the area ungrazed by the horses.

Ans: 11686 m2

Q627. A rectangular lawn of 24 × 36 m2 has two roads each 4m wide running between the park. One is parallel to length and other is parallel to width. Cost of gravelling is 25 paise/m2. Find the total cost of gravelling?

Ans: Rs. 56

Q628. A sector of circle with radius r and angle 120° is joined from two ends to form a cone. Find the height of the cone in terms of r.

Ans: 223r

Q629. In the given figure below, AB and CD are two common tangents to the two touching circles. If CD = 7 cm, then AB is equal to

Ans: 14 cm

Q630. In the given figure, ABCD is a rectangle with AE = EF = FB. What is the ratio of the area of DEFC to that of the rectangle?

Ans: 2:3

Q631. A, B, C are three angles of a triangle. If A – B = 150 and B – C = 300, find the measure of angle A.

Ans: 800

Q632. A vertical tree stands on the cliff of a mountain of height 600 m. An observer from a plain observes the angle of elevation of the bottom and top of tree as 30° and 45°respectively. Find the height of tree.

Ans: 600(3-1) m

Q633. XY and YZ are two chords of a circle with center C. If L and M are mid-points of XY and ZY respectively, then the quadrilateral CMYL must be

Ans: Concyclic

Q634. Find the maximum area enclosed by a triangle of a perimeter 48 cm.

Ans: 643 cm2

Q635. In the figure ∠PRQ = ∠SRT. If ∠QPR = 1000 and ∠QRS = 80°, find ∠PQR.

Ans: 300

Q636. AB and CD are two parallel chards of a circle such that AB = 10 cm and CD = 24 cm, if the chords are on the opposite sides of the center and the distance between them is 17 cm.Find the radius of circle.

Ans: 13 cm

Q637. A wire of length 88 cm was divided into two equal parts A and B. Part A was reshaped as a square, while part B was further divided into two equal parts and both parts were reformed as a circle. Find the difference in area enclosed by part A and part B.

Ans: 44 cm2

Q638. From the top of light house 80m, the angle of elevation and depression of a vertical tower is 300 and 600 respectively. Find the height of tower.

Ans: 107 m

Q639. From the given figure find the shaded region. ABC is an equilateral triangle of side 10 cm and the circle is inscribed in the triangle.

Ans: 25(3−1) cm2

Q640. From the given figure find the shaded region. ABC is an equilateral triangle of side 10 cm and the circle is inscribed in the triangle.

Ans: 25(3−1) cm2

Q641. Find the remainder when 34×68×199×45×53 is divided by 33

Ans: 18

Q642. How many divisors of N=420 will be of the form 4n+1, where n is a whole number?

Ans: 4

Q643. How many numbers of zeros are there at the end of 32! In base 4?

Ans: 15

Q644. How many zeros will be there at the end of 1003×1001×999×.....×123?

Ans: 0

Q645. For two positive numbers a and b, (a+b)a+b is divisible by 729. Find the minimum value of (a×b)

Ans: 8

Q646. If 1+2=5,2+4=20, 4+9=97 then find 7+8?

Ans: 113

Q647. How many divisors of 105 will have atleast one zero in its end?

Ans: 25

Q648. In a book 648 digits are used to count number of pages. Find the number of pages the book has?

Ans: 252

Q649. Instead of multiplying from 3/2, a boy divided the number by 2/3. The new number he obtained is.

Ans: In both the cases we will get same result.

Q650. Two numbers in base B are 504 and 625. If the sum of these numbers in the decimal system is 562. Find the base (B).

Ans: 7

Q651. A and B are two single digit numbers. If A+B is divided by 7 remainder is 4 and when A-B is divided by 7 remainder is 3. Find the remainder obtained when (AB) is divided by 7.

Ans: 0

Q652. Find the numbers of prime factors of 4004

Ans: 4

Q653. In an apartment block there are 10 residents. The number of cars owned by the residents is 15. Four of the residents do not own any car, exactly 3 own one car each and one person owns 4 cars. What may be the maximum number of cars owned by any resident?

Ans: 6

Q654. P689K862K is divisible by 16. Find the maximum value of P x K

Ans: 36

Q655. The number (12ABC7)X ends in 1. What is the remainder if D121 if divided by x if A, B, C, D and x are all single digit positive integers?

Ans: 1

Q656. The number (12ABC7)X ends in 1. What is the remainder if D121 if divided by x if A, B, C, D and x are all single digit positive integers?

Ans: 1

Q657. Find the number of distinct routes from Vaishali to Mundka(No place should be touched twice)?

Ans: 3

Q658. Which of the following municipalities have maximum places directly connected to it?

Ans: Dwarka

Q659. If the only one way routes available are Mundka to Kapasera and Vaishali to Dwarka. Then, which of the following loses contact with Rithala?

Ans: Bahdurgarh

Q660. Which of the following is the shortest route from Rithala to Kapasera?

Ans: Rithala- Mundka- Kapasera

Q661. Rajiv is 24 year old IT engineer working in TCS(which is approved by Rentomojo) from last 2 years. His monthly salary is Rs 18,000 and living in MCG approved place. He is ready to rent furniture worth Rs 3000 in a month.

Will he be rented furniture?

Ans: He will be rented furniture after depositing a letter from HR

Q662. Which car is owned by the person working in Wipro?

Ans: Toyota

Q663. Ashish is working for BHEL(which is approved from Rentmojo) from last seven years, His monthly salary is Rs 50,000 but not living in a MCG approved place. He is ready to rent furniture worth Rs 4000 in a month. Will he be rented furniture?

Ans: No, he will not be rented furniture

Q664. If we go from Rithala to Dwarka, there is a route that covers maximum places. That route does not cover?

Ans: Badli

Q665. If the persons working at Wipro and Cognizant decide to interchange their cars, then which two persons will have to interchange their cars?

Ans: Daman and Farhan

Q666. 24 year old Eshan is working with Rockford Ltd. since 4 years. His monthly salary is Rs 20000 and is ready to give an undertaking to rent furniture worth Rs 2000 in a month. He is living in a MCG approved place. Will he be rented furniture?

Ans: Yes, he will be rented furniture

Q667. Which pair is correctly matched?

Ans: Renault–TechMahindra–Balveer

Q668. What is the sequence of companies representing Abhimanyu, Balveer, Chandu, Daman, Eklavya, and Farhan?

Ans: TCS, TechMahindra, Accenture, Wipro, Infosys , Cognizant

Q669. Which of the following is true?

Ans: Renault car is owned by the person working at TechMahindra.

Q670. Juhi, who is 25 years old is working for Teach for India for last 5 years. Her monthly salary is Rs 12,000 and living in MCG approved place. She is ready to rent furniture worth Rs 5000 in a month. Will she be rented furniture?

Ans: She will be rented furniture after depositing half the cost of it

Q671. Kirti is working for IBM . Her monthly salary is Rs 17,000 and living in MCG approved place. She is ready to rent furniture worth Rs 5000 in a month. Will she be rented furniture?

Ans: Cannot be determined

Q672. Kirti is working for IBM . Her monthly salary is Rs 17,000 and living in MCG approved place. She is ready to rent furniture worth Rs 5000 in a month. Will she be rented furniture?

Ans: Cannot be determined

Q673. Which of the following is the meaning of the group of bold words given in the following sentence segment from the passage?

‘In a short span of six months, 21-year-old Dinesh Nair’s hopes have turned to dust, after the dream job he was offered…….’

Ans: Went to vain

Q674. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: BADC

Q675. What does the author mean when he talks about finding a way back, in the first paragraph of the given passage?

Ans: Finding a pathway out of the mental imbalance to stability.

Q676. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CEADB

Q677. Which of the following could be a reason for holding up of work permits to Indians, according to the given passage?

Ans: India opposed to the emergency called upon by the Maldivian president.

Q678. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: ECBAD

Q679. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: EBDAC

Q680. Which of the following words is the synonym (the word similar in meaning) of the bold-word in the following sentence segment?

‘More startling are public advertisements from companies that are hiring but say explicitly……’

Ans: Shocking

Q681. Which of the following are the benefits of intensive training in mindfulness meditation?

Ans: It can enhance our physical health and sense of wellbeing for fuller, more satisfying lives.

Q682. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: DCBA

Q683. Which of the following is the meaning of the group of bold words given in the following sentence segment from the passage?

‘This is a tall claim, considering India has missed several interim milestones since…….’

Ans: Overstatement

Q684. What is the tone of Mr. Blair when he says ‘…. we are ideally searching for an Indian who is holding another passport or is the spouse of a Maldivian…...’?

Ans: Satirical

Q685. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: EBCAD

Q686. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CBAD

Q687. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CBDEA

Q688. Which of the following is the correct sequence of sentences which form a coherent paragraph?

Ans: CBDEA

Q689. Virat Kohli and Ab De Villiers had a bet that whoever strikes the first six will win. There are 6 possible outcomes → Dot ball, 1, 2, 3, 4 and 6. If Kohli gets to hit the first ball, what is the probability that De Villiers win?

Ans: 5/11

Q690. A student was assigned 6 sets of papers and was asked to solve at least 3 of them. In how many ways can he solve the papers?

Ans: 42

Q691. Find the number of selections that can be made taking 4 letters from the word 'ENTRANCE'?

Ans: 36

Q692. 36 balls were put in a basket and were numbered accordingly. A ball was taken out randomly. What is the probability that the number on the ball is 6 if it was known that it would be a composite number?

Ans: 1/25

Q693. There are two boxes. Box 1 contains 3 white and 7 black balls while box 2 contains 4 white and 3 black balls. A ball is drawn at random and found to be black. What is the probability that it was from box 2?

Ans: 30/79

Q694. There are 30 points on a plane out of which 12 are collinear. How many straight lines can be drawn from joining these points?

Ans: 370

Q695. Paul is starting to go to play school and is creating quite a ruckus. He picked an alphabet yesterday from the school inventory and brought it home. The teacher reported that a vowel is missing. What is the probability that it was the ‘O’?

Ans: 1/5

Q696. A word ‘DRIVE’ was taken, and all its letters were rearranged to make new words without repetition. What will be the rank of the word ‘DIVER’?

Ans: 11

Q697. How many triangles can be formed from 20 points in a plane out of 9 are collinear?

Ans: C203–C93

Q698. Which of the following will be the number of sides of a polygon whose diagonals are 4 times the number of its sides?

Ans: 11

Q699. A mother decided to buy 16 chocolates for her 4 children. In how many ways can she divide the chocolates equally into 4 lunch boxes?

Ans: C164×C124×C844!

Q700. A mother decided to buy some chocolates for her 4 children. In how many ways can she distribute 16 chocolates equally among her 4 children?

Ans: C164×C124×C84

Q701. In the figure, the line represents to go west wards and south wards. In how many ways can a person reach from A to B?

Ans: 7!4! 3!

Q702. Which of the following will be the sum of all the numbers that can be formed by using the number 5,7,8,2,9 without repetition?

Ans: 8266584

Q703. The number 1234 was rearranged many times to form different numbers. What will be the rank of the number 4132?

Ans: 20

Q704. The number 1234 was rearranged many times to form different numbers. What will be the rank of the number 4132?

Ans: 20

Q705. Statement: Kids love to eat chocolates.

Conclusions:

1. Kids eat only chocolates.

2. Only kids eat chocolates.

Ans: None of the conclusions can be drawn.

Q706. Statement: Ram is the best footballer of his college as each match he plays, he scores minimum two goals.

Assumptions:

1. Scoring minimum two goals per match is one of the criteria to call someone the best footballer.

2. Ram is the only one who plays football so well.

Ans: Only assumption 1 is valid.

Q707. Statement: Ram told Suraj “If you have a headache, you must go off to sleep for sometime.”

Assumptions:

1. Suraj has a headache.

2. Going off to sleep is the only remedy to get rid of a headache.

Ans: None of the assumptions is valid.

Q708. Statement: Mr. Narendra Modi is the best prime minister ever that India has got.

Arguments:

1. Yes, he is working hard and is not a corrupt politician.

2. Yes, he is making policies for the betterment of general public.

Ans: Both arguments are strong.

Q709. Statement: The football match has been cancelled as it was raining.

Conclusions:

1. Football match cannot be played in rain.

2. Rain is the only cause of matches getting cancelled.

Ans: Only conclusion 1 can be drawn.

Q710. Statement: All those who work hard achieve what they want in life.

Conclusions:

1. Hard work and success are necessary in life.

2. Those who have achieved their goal have worked hard.

Ans: Only conclusion 2 can be drawn.

Q711. Statement: Sudha gives her son 1000 rupees and asks him to get groceries from the market.

Assumptions:

1. The groceries will come within 1000 rupees.

2. Sudha’s son knows where the market is.

Ans: Both assumptions are valid.

Q712. Statement: Crime rate is increasing because of lack of stringent laws to punish criminals?

Arguments:

1. Yes, stringent laws should be made to punish criminals.

2. Yes, in the other countries the laws are quite strict, so the case should be same in our country too.

Ans: None of the arguments is strong.

Q713. Statement: Should young children keep a mobile phone?

Arguments:

1. Yes, it is helpful in communicating with children in case of a need.

2. No, children are not allowed to keep mobile phones.

Ans: Only argument 1 is strong.

Q714. Statement: People do not wear seat belts and helmets while traveling on the roads causes deaths in case of an accident.

Assumptions:

1. People have a habit of not wearing seatbelts and helmets.

2. Death could be averted in case people wear seatbelts and helmets.

Ans: None of the assumptions is valid.

Q715. Statement: Raghav is a chain smoker and is likely to suffer from cancer in future.

Assumptions:

1. All smokers suffer from Cancer.

2. Smoking is a cause of Cancer.

Ans: Only assumption 2 is valid.

Q716. Statement: Using solar energy to generate electricity will result in less pollution.

Conclusions:

1. Current methods to generate electricity are causing more pollution.

2. Government is planning to use solar energy soon.

Ans: Only conclusion 1 can be drawn.

Q717. Statement: Should all the sectors be privatized in India?

Arguments:

1. No, the rural areas will receive inadequate funds, as private players have no obligation to do social work.

2. Yes, it will improve the level of services being provided to a common man.

Ans: Both arguments are strong.

Q718. Statement: Wood and Kerosene are required to maintain a fire.

Conclusions:

1. Wood and Kerosene are related.

2. Only Kerosene is required to maintain a fire.

Ans: None of the conclusions can be drawn.

Q719. Statement: All universities should have open book exams.

Arguments:

1. Yes, it will help students score well in the exams.

2. No, this will require lot of changes and preparation by the universities.

Ans: None of the arguments is strong.

Q720. Statement: All universities should have open book exams.

Arguments:

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2. No, this will require lot of changes and preparation by the universities.

Ans: None of the arguments is strong.

Q721. Event A: People in urban areas have become mechanical due to their busy schedule.

Event B: People fail to plan holidays and outings quite often.

Ans: ‘B’ is the effect, and ‘A’ is the principal cause.

Q722. Event A: Farmers are committing suicide in various parts of the country.

Event B: The crop this year got destroyed due to heavy rains.

Ans: ‘A’ is the effect, and ‘B’ is the principal cause.

Q723. Statement:

The number of dengue and malaria cases is going up due to rainfall and water logging.

Course of Action:

1. Government should provide free medicines to the people.

2. People should be advised not to allow standing water near their houses.

Ans: Only 2 follows

Q724. Event A: The obesity rate in the western countries is increasing exponentially.

Event B: Schools do not encourage students to play outdoor games.

Ans: ‘A’ is an effect, and ‘B’ is not the principal cause.

Q725. Statement:

People having a sedentary lifestyle are suffering more from diabetes and obesity.

Course of Action:

1. Organizations should allow employees to move around the office after every few minutes.

2. People should be cautious of their health and exercise every day.

Ans: Only 2 follows

Q726. Statement:

The number of accidents on highways is on an all-time high.

Course of Action:

1. Government should fine people who drink and drive.

2. People should be advised not to drive on highways.

Ans: Neither 1 nor 2 follows

Q727. Statement:

State X has been severely affected by flood and people are finding it difficult to sustain in such harsh condition.

Course of Action:

1. The Chief Minister should try to figure out the cause of the flood.

2. People should be advised to move out of the State X.

Ans: Neither 1 nor 2 follows

Q728. Statement:

The results show that girls are far better performers in board exams as compared to boys.

Course of Action:

1. Parents of boys should counsel their kids and motivate them to study hard for their bright future.

2. Government should give incentive to boys if they get good marks in boards.

Ans: Only 1 follows

Q729. Statement:

Pollution caused by four wheelers is increasing day by day.

Course of Action:

1. Ban should be imposed on the usage of four wheelers.

2. People should travel only by two wheelers.

Ans: Neither 1 nor 2 follows

Q730. Statement:

People do not wear seatbelts and helmets while driving cars and riding two wheelers.

Course of Action:

1. Those who do not follow traffic rules should be fined.

2. Government should educate people about importance of wearing helmets and seatbelts.

Ans: Both 1 and 2 follow

Q731. Event A: An earthquake of magnitude 8.4 shook the country X at midnight.

Event B: Many bridges and a multistoried building collapsed in country X that night.

Ans: ‘B’ is the effect, and ‘A’ is the principal cause.

Q732. Event A: MET department has informed that monsoons will start early this year.

Event B: People have started stocking groceries and other edibles in their houses.

Ans: ‘B’ is an effect, and ‘A’ is not the principal cause.

Q733. Event A: People like smoking.

Event B: People do not stop smoking cigarettes, and the number is increasing.

Ans: ‘B’ is an effect, and ‘A’ is not the principal cause.

Q734. Event A: The countries are coming together to solve the problem of global warming.

Event B: Polar ice caps are melting rapidly.

Ans: ‘A’ is the effect, and ‘B’ is the principal cause.

Q735. Statement:

Due to massive rainfall, the crops have been destroyed and the farmers are in a lot of trouble.

Course of Action:

1. People should come forward and educate farmers about what they should do in such a situation.

2. Government should give support to the farmers in such crisis.

Ans: Only 2 follows

Q736. Statement:

Due to massive rainfall, the crops have been destroyed and the farmers are in a lot of trouble.

Course of Action:

1. People should come forward and educate farmers about what they should do in such a situation.

2. Government should give support to the farmers in such crisis.

Ans: Only 2 follows

Q737. If IIM B has to conduct the exam for 7000 students and it projects a cost of 58 rupees per student, its profit is

Ans: 91000

Q738. Which IIM has the highest cost per student?

Ans: I

Q739. If the sales of pakoda and pizza exceeds that of puff and pastry by 400. What was the individual sales of puff?

Ans: Cannot be determined

Q740. If the pakodas were sold worth an integral number of rupees, which of the following could be the number of pakodas that the owner sold?

Ans: 75

Q741. If the partries were sold at Rs13/piece and the solds of pizza & pastry was equal to pakoda & puff. How many pastries were sold?

Ans: 130

Q742. If the puff were sold at 12 rupees a piece, which of the following can be the pastries sell for that day?

Ans: 1132

Q743. If after a few changes in stationary items, the stationary costs same for IIM B and C, then ratio of their total cost is?

Ans: Cannot be determined

Q744. Ratio of boys to girls appearing in 2017?

Ans: 2 : 1

Q745. In how many years the numbers of boys passing is greater than number of girls?

Ans: 1

Q746. No. of girls who failed in the year 2016.

Ans: 183334

Q747. Due to some problems, IIM L can only conduct the test for 1,00,000 students while IIM I can conduct the tests for 80,000 students. If IIM L and IIM I project an amount of 70 and 95 respectively, then what percentage of L's profit is I is profit?

Ans: 25 : 28

Q748. Which of the following statement is true?

Ans: The cost of stationary is same for IIM A and B

Q749. In which year the highest number of guys passed?

Ans: 2017

Q750. Government imposed a tax of 20%, 10%, 20% and 30% on puff, pizza, pastry and pakoda respectively. How much did the owner paid in taxes?

Ans: 1000

Q751. How many boys wrote the exam together in all these years (in lakhs)

Ans: 22

Q752. How many boys wrote the exam together in all these years (in lakhs)

Ans: 22

Q753. If length of side of a rhombus is 5 cm and length of one of its diagonal is 8cm, find the length of other diagonal.

Ans: 6 cm

Q754. What is the LCM of (6x3+60x2+150x) and (3x4+12x3−15x2)?

Ans: 6x2(x+5)2(x−1)

Q755. Find the value of x if

(2110)x=3

Ans: log3log7+log3−1

Q756. Find the number of digits in 2725 if log 2 = 0.3010 and log 3 = 0.4771

Ans: 36

Q757. If A={5,6,7} and B={1,2,3,4},Find the numbers of elements in the set A*B*B ?

Ans: 48

Q758. In the given figure, M is the midpoint of line segment AB whose length is 2a.Semicircles having diameter AM, MB and AB are drawn at the same side of the line. The radius of a circle touching all the three semicircle is.

Ans: a3

Q759. Two poles, one double in length of other, are standing opposite to each other at a distance of Y meter. If the angle of elevation from mid-point of the line joining their feat are complementary then what is the height of the shorter pole?

Ans: y22

Q760. 333333=?

Ans: 36364

Q761. What are the components of (x29 – x24 + x13 – 1)?

Ans: (x – 1) only

Q762. Find minimum value of 4cos60∘ + 3sin60∘.

Ans: -5

Q763. If 0o<θ<90o and sinθcosθ+cosθsinθ=2, then which of the following is equal to θ?

Ans: 45o

Q764. In the adjacent figure ABCD is a square with AO = AX. ∠XOBis equal to

Ans: 22.5∘

Q765. If lcos2θ+msin2θ=cos2θ(cosec2θ+1)cosec2θ−1, then what is the value of tan2θ?

Ans: l−12−m

Q766. If HCF of x3−27 and x3+4x2+12x+k is quadratic polynomial then, the value of k, is

Ans: 9

Q767. If log10(4x−8)=2, find the value of x.

Ans: 27

Q768. If log10(4x−8)=2, find the value of x.

Ans: 27

Q769. In the Avenger's endgame, Thanos and the Avengers fight. There are 3 possible outcomes, Thanos wins, or the Avengers win, or they both draw and then fight again after 3 hours. Possibility of all 3 of there is equal. What is the probability that Avengers win?

Ans: 1/2

Q770. Mango is not the healthiest fruit because-

(A) Mango is lower than Banana in terms of ripe characteristics.

(B) It is lower than Guava in terms of unripe characteristics.

(C) It is lower than Grapes in terms of unripe characteristics.

(D) It is dominated by Chikoo.

Ans: D

Q771. Veeru again manages to get a faulty coin. The coin shows tails 75% of the time and heads the remaining time. If he wins 3 rupees for the tail and loses 2 rupees for the head, what does he win or lose in the long run per game?

Ans: 1.75 rupees gain

Q772. Putting to use the data under the unripe column, sequence Mango, Banana and Chikoo in the ascending order of their protein concentration as a percentage of their respective total. The correct sequence is-

Ans: Chikoo, Mango, Banana

Q773. 10 friends decided to go on a bike ride and booked 5 bikes for the same. 3 of them wanted to drive the bike and weren't willing to agree to anything else while 3 of them wanted to be the passenger rather than being the driver. In how many ways can things be sorted out so that everyone is happy and enjoy the trip?

Ans: 86400

Q774. In a meeting scheduled for 20 persons, only 12 attended. In how many ways these 12 persons can be made to sit on the 20 chairs arranged in the room?

Ans: P2012

Q775. Which of the following statements is / are true?

(A) Mango > Grapes ; Mango > Papaya

(B) Mango > Coconut ; Mango > Strawberry

(C) Guava > Coconut

(D) Coconut > Strawberry.

Ans: B and D

Q776. Analysing the data presented under unripe, it can be concluded that protein in Mango as a percentage of its total content is approximately:-

Ans: 75

Q777. James Bond goes to a casino and finds a good deal. The deal is as follows. He will have to roll a dice. If he gets an even number, he will get twice of that number in money, and if he gets an odd number, he will win the same amount as that number. How much shall he pay for each chance if he is looking for a profit of 3?

Ans: 52

Q778. Which fruits are the healthiest?

Ans: Banana & Chikoo

Q779. Gaitonde went to buy some chocolates for his son. The shop had two jars. Jar 1 contained 5 Cadbury and 4 perks while Jar 2 contained 7 Cadbury and 3 perks. Gaitonde bought 1 Cadbury. What is the probably that it was from Jar 1?

Ans: 50/113

Q780. 6 flowers vases were to be filled with an endless supply of rose and hibiscus in such a way that no two vases have roses side by side. In how many ways can the vases be filled?

Ans: 21

Q781. While forming some integers, a student was instructed to use all the numbers of a specific set given to him and follow a certain rule. The rule was to put odd numbers at odd places and even number at even places only, no matter what. The set of numbers was {8, 1, 7, 1, 8, 7, 6, 2, 1}. How many numbers can the student form?

Ans: 120

Q782. 11 friends decided to go to an amusement park to enjoy their weekend. All the rides in this amusement park were circular in design. On one of the rides, only 5 seats were remaining while on the other one, 6 seats were empty. In how many ways can these 11 friends board the rides?

Ans: 1330560

Q783. In the number family, there is a group of numbers represented by the letter S. The criteria for getting admission into this group is that the sum of the digits should be 3 and the number should lie from 105 to 106 . How many numbers are in the group S?

Ans: 21

Q784. In the number family, there is a group of numbers represented by the letter S. The criteria for getting admission into this group is that the sum of the digits should be 3 and the number should lie from 105 to 106 . How many numbers are in the group S?

Ans: 21