Kanbay Aptitude Paper 3

1. Series 1-10-3-9-5-8-7-7-9-6-?-? Ans 11,5

2. Series Ans EK

3. If '+' is replaced by 'x' and .... Ans 24

4. Rahul 12th from right and 4th from left . How many men should be added in the queue to make a group of 28. Ans 13

5. A person spent 21 pounds in a drink party. If the vodka costs twice that of beer. And lemonade cost is 1/2 of beer. How much this person is spent for beer. Ans 6 pounds

6. What is odd in this sequence?
   i) T.T. ii) Volleyball iii) Badminton ..... Ans Volleyball(check

7. Cat : Mouse Ans Bird : Worm

8. A dog grows .... ? Ans 8(check)

9. A boy is going with a dog Lucky. He has a bottle full of water. He drinks 1/3 and gives 1/2 of rest to the dog and then he drinks 1/4 of the rest then what will the fraction of total water remaining. Ans 1/12

10. A person goes towards north 10m, then turns to west 5m, then turns south ...... ? Ans North

11. A person goes forward 10m , turns to his right and walks 5m, then he always turns left 5,15,15 then what will be the displacement from starting point? Ans 10 or 5(check)

12. A cuboid of dimensions 8x5x4 cm3 How many 2cm side cubes can be placed in this cuboid? Ans 16

13. Decoding ... Ans SMILE

14. how many 2 digit prime no.s divided by 7 and remainder 2. Ans 4

15. how many 2 digit prime no.s divided by 7 and remainder 2. Ans

16. The position of A is 7th from left and position of b is 9th from right and they exchange their each other's positions. The position of A is 11th from left.How many men? Ans 19

17. A is brother of P, B is daughter of A, C is brother of B. Who is the uncle of B? Ans P

18. Day : Night Ans Man : Woman(check)

19.HCTAM = MATCH then ELBAC = ? Ans CABLE

20.3 problems on algorithms ie. eg.
    1. A=0, B=1, C=1
    2. A is replaced by C
    3. B is replaced by 2A+1
    4. C is replaced by A+B
    5. If C>=100 goto step 7 else goto step 6
    6. goto 2
    7. stop.
    then you have to ans. some 3 questions based on the above algorithm.
    i) What is the value of A? Ans 40
    ii) What is the value of B? Ans 27
    iii) What is the max no. of iterations till C<= 100. Ans 3

21.A father has age thrice that of his son? After how many years will his age be double that of his son . If son's present age is 20 years...... Ans 20 years

Round 2 after Logical test:

1. A & B are 2 men . A speaks truth 75% cases and B speaks 80%. Find the probablity of contradicting each other. Ans 35%

2. Present population of town is 35,000 having males and females. If The population of males is increased by 6% and if the population of females is increased by 4%, then after 1 year the population becomes 36,700.Find the number males and females. Ans18,000

3. Tickets(from 1 to 15) and the probablity of drawing two tickets without replacement having even no.s . Ans 1/5

4. Room (8m * 5m) Brick Size (20cm * 10cm) Find the no. of bricks. Ans 2000

5. Length of rectangular plot is 3 times its breadth having area 3 hectare . A man walks on its perimeter at 4 km/hr .Find the time required ?Ans 12 min

6. Equation Simultaneous Ans None of these

7. Ratio of wine and water. Ans 40

8. Circumference 6 km .3 men A, B, C respectively speeds Km/hr 3, 5/2, 5/4. Distance travelled to meet. Ans 24 km.

9. Speed of trains A and B are 29 & 56 km/hr travelling in the same direction. Man in slower train passes in 16 min. Find the length of the train. Ans 120m

10.Passing marks 40%.... Ans Max marks = 625

11.Max. marks 500. A gets 90% of B. B gets 25% more than C. C gets 80% of D. Marks of A are

given then find the percentage marks obtained by D. Ans = 80%

12. Carpet 2m wide. Area to be covered = 30m * 18m.Cost of the carpet = 50p per m.Find total cost of carpeting. Ans Rs 135.

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14. Square of side 100m. It has a circular fountain at the centre with radius 21m.