Whole Testpaper
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Test Location : S.R.K.N.E.C ,NAGPUR
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CAPGEMINI PAPER ON 22ND APRIL 2010
Hi Capgemini Aspirants, I am a VIRENDRA UPADHYAY a MCA student of S.R.K.N.E.C, Nagpur.
Although I am not selected for Capgemini but I can guide you better than anyone. I want to tell you
specially to all MCA students because they are more technically strong but generally avoid to
prepare aptitude and gd ,so be reffer to the latest papers. I was cleared the first 2 rounds but
eliminated in the final round.
Total consist of 3 rounds.
1)written test
2)GD
3)TECH/HR interview

Written test-
1.) Quantitative 25 questions
2.) Analytical 25 questions
Hello friends.....
Section A
1.Fresh Grapes contain 90% water by wt. Dried grapes contain 20% water by %age. What will b wt
of dried grapes when we begin with 20 kg fresh grapes?
a)2kg b) 2.4kg c) 2.5kg d) none
Answer. C

2.How many 5 digit no. can b formed wit digits 1, 2, 3,4,5,6 which r divisible by 4 and digits not
repeated
a)144 b)168 c)192 d) none
Answer. C

3.There is a rectangular Garden whose length and width are 60m X 20m.There is a walkway of
uniform width around garden. Area of walkway is 516m^2. Find width of walkway
a)1 b)2 c)3 d)4
Answer. C

4.If 1= (3/4)(1+ (y/x)) then
a)x=3y
b) x=y/3
c) x=(2/3)y
d) none
Answer. A

5. The sum of six consecutive odd nos. is 888. What is the average of the nos.?
a)147
b)148
c)149
d) 146
Answer. B

6. 1,27,125,?,729,1331 find missing number.
Ans: 343

7. Find approx value of 39.987/0.8102+1.987*18.02
a)72 b)56 c)86 d)44
Answer. C

8. Asish was given Rs. 158 in denominations of Rs 1 each. He distributes these in diff bags, such that ne sum of money of denomination betn 1 and 158 can be given in bags. The min no. of such bags reqd
a)10 b)17 c)15 d) none
Answer. D

9. If a certain sum of money at SI doubles itself in 5 yrs then what is the rate?
a)5% b) 10% c)25% d)20%
Ans: D

10. A man engaged a servant on a condition that he,ll pay Rs 90 and also give him a bag at the end of the yr. He served for 9 months and was given a turban and Rs 65. So the price of turban is ?
i)Rs 10 II) Rs 19 iii)Rs 0 iv)Rs 55
Ans: A

11. The sum of six consecutive odd nos. is 888. What is the average of the nos.?
i. 147 ii. 148 iii. 149 iv. 146
Ans: B

12. In a race from pt. X to pt Y and back, Jack averages 30miles/hr to pt Y and 10 miles/hr back to pr X.Sandy averages 20 miles/hr in both directions. If Jack and Sandy start race at same tym, who,ll finish 1st ?
Jack/Sandy/they tie/Impossible to tell
Ans: they tie (check it)

13. 2 men at same tym start walking towards each other from A n B 72 kms apart. sp of A is 4kmph.Sp of B is 2 kmph in 1st hr,2.5 in 2nd, 3 in rd. n so on.when will they meet
i in 7 hrs
ii at 35 kms from A
iii in 10 hrs
iv midway
Ans: D

14. If the ratio of prod of 3 diff comp,s A B & C is 4:7:5 and of overall prod last yr was 4lac tones and if each comp had an increase of 20% in prod level this yr what is the prod of Comp B this yr?
i. 2.1L
ii.22.1L
iii.4.1L
iv.none
Ans: A

15. If 70% of a no. is subtracted from itself it reduces to 81.what is two fifth of that no.?
108/54/210/none
Ans. A

16. If radius of cylinder and sphere r same and vol of sphere and cylinder r same what is d ratio betn

the radius and height of the cylinder
i. R= H
ii. R= (3/4)H
iii. R = (4/3)H
iv. R=2/3H
Ans: C

17. Which one of the foll fractions is arranged in ascending order
i. 9/11,7/9,11/13,13/14
ii 7/8,9/11,11/13,13/14
iii 9/11,11/13,7/8,13/14
iv none
Ans: C

18.10^10/10^4*10^2=10^?
i. 8
ii. 6
iii. 4
iv. none
Ans: C

19. units digit in expansion os 2 raised to 51 is:
2/4/6/8
Ans: D

20. Three wheels make 36, 24, 60 rev/min. Each has a black mark on it. It is aligned at the start of the qn. When does it align again for the first tym?
14/20/22/5 sec

21.one question on determinant having 4 colm and 3 rows I do not remember what exactly it.
I had not solve it

22. one question on zeometry on triangle one side and angle is given like AD is perpendicular to BC ,BD is Given find AC?
I had not solve it

24. one question on progression , a simple one.

25. one question on share .a tough one.

Section B
Direction for Qn 1-4
An employee has to allocate offices to 6 staff members. The offices are no. 1-6. the offices are arranged in a row and they are separated from each other by dividers>hence voices, sounds and cigarette smoke flow easily from one office to another
Miss R needs to use the telephone quite often throughout the day. Mr. M and Mr. B need adjacent offices as they need to consult each other often while working. Miss H is a senior employee and his to be allotted the office no. 5, having the biggest window.
Mr. D requires silence in office next to his. Mr. T, Mr. M and Mr. D are all smokers. Miss H finds tobacco smoke allergic and consecutively the offices next to hers are occupied by non-smokers. Unless specifically stated all the employees maintain an atmosphere of silence during office hrs.
Solution: Arrangements= D T M B H R.
1. The ideal candidate to occupy office farthest from Mr. B will be

i. Miss H
ii. Mr. M
iii. Mr. T
iv. Mr. D
Ans: D

2. The three employees who are smokers should be seated in the offices
i. 1 2 4
ii. 2 3 6
iii. 1 2 3
iv. 1 2 3
Ans: C

3. The ideal office for Mr. M would be
i. 2
ii. 6
iii. 1
iv. 3
Ans: D

4. In the event of what occurrence within a period of one month since the assignment of the offices would a request for a change in office be put forth by one or more employees?
i. Mr D quitting smoking
ii. Mr. T taking over duties formally taken care of by Miss R
iii. The installation of a water cooler in Miss H,s office
iv. Mr. B suffering from anemia
Ans: D(check it)

Direction for Qn 5-7
Ten coins are distr. Among 4 people P, Q, R, S such that one of them gets a coin, another gets 2 coins,3rd gets 3 coins, and 4th gets 4 coins. It is known that Q gets more coins than P, and S gets fewer coins than R
5. If the no. of coins distr. To Q is twice the no. distr. to P then which one of the following. is necessarily true?
i. R gets even no. of coins
ii. R gets odd no. of coins
iii. S gets even no. of coins
iv. S gets odd no. of coins
Ans: D

6. If R gets at least two more coins than S which one of the following is necessarily true?
i. Q gets at least 2 more coins than S
ii. Q gets more coins than P
iii. P gets more coins than S
iv. P and Q together get at least five coins
Ans: B

7. If Q gets fewer coins than R, then which one of the following is not necessarily true?
i. P and Q together get at least 4 coins
ii. Q and S together get at least 4 coins
iii.R and S together get at least 5 coins
iv.P and R together get at least 5 coins
Ans: A

Direction for Qn 8-9
Elle is 3 times older than Zaheer. Zaheer is ½ as old as Waheeda. Yogesh is elder than Zaheer.

8. What is sufficient to estimate Elle,s age?
i.Zaheer is 10 yrs old
ii.Yogesh and Waheeda are both older than Zaheer by the same no of yrs.
iii.Both of the above
iv.None of the above
Ans: A

9. Which one of the following statements can be inferred from the info above
i.Yogesh is elder than Waheeda
ii.Elle is older than Waheeda
iii.Elle,s age may be less than that of Waheeda
iv.None of the above
Ans:B

Qns 10-11 are based on situations given below:

7 Uni crick players are to be honored at a special luncheon. The players will be seated on a dais along one side of a single rectangular table.
A and G have to leave the luncheon early and must be seated at the extreme right end of table, which is closest to exit.
B will receive Man of the Match and must be in the centre chair
C and D who are bitter rivals for the position of Wicket keeper dislike one another and should be seated as far apart as possible
E and F are best friends and want to seat together.

10.Which of the foll may not be seated at either end of the table?
i. C
ii. D
iii. G
iv. F
Ans: iv

11.Which of the foll pairs may not be seated together?
i. E & A
ii. B & D
iii. C & F
iv. G & D
Ans: i

Direction for Qn 12-13
A robot moves on a graph sheet with x-y axes. The robot is moved by feeding it with a sequence of instructions. The different instructions that can be used in moving it, and their meanings are:
Instruction Meaning
GOTO(x,y) move to pt with co-ord (x,y) no matter where u are currently
WALKX(P) move parallel to x-axis through a distance of p, in the +ve direction if p is +ve and in -ve if p is -ve
WALKY(P) move parallel to y-axis through a distance of p, in the +ve direction if p is +ve and in -ve if p is -ve

12. The robot reaches point (5,6) when a sequence of 3 instr. Is executed, the first of which is

GOTO(x,y) , WALKX(2), WALKY(4). What are the values of x and y??
i. 2,4
ii. 0,0
iii. 3,2
iv. 2,3
Ans: C

13. The robot is initially at (x.y), x>0 and y