

Virtusa Placement Paper

Virtusa conducted off campus recruitment drive at Hyderabad on 28-08-004, this was

Employ referral Drive.

PATTERN OF VIRTUSA conducted on 28-08-2004

There were total of three sections

1. Mathematics

2. C programming Skills

3. Verbal + Essay

The first two were of 20 minutes duration & third i.e. Verbal section was conducted for 30 minutes duration, (actually in the mail requesting to write exam sent to candidates it was written that each section would be of 30 minutes duration but actually on the exam day the first two sections were conducted for 20 minutes duration & third the Verbal section was conducted for 30 minutes duration)

Each section was conducted for the specified time after one section was completed they took the question cum answer sheet was taken back and the next section paper was given, thus in a specified time only specified section can be attempted.

I am giving the questions whatever I remember

MATHEMATICS:

It was not objective type gap was given after each question where u have to write the answer in the space provided with reasoning, some q's were 2 marks & some were 3 marks questions.

Totall 4q's were given:

(Few what I remember)

1. A monkey climbs 20m up in 1st minute & slides 4m in next minute. At what time it reaches 96m.

2. If $y = \cos^{-1}(\sin^{-1}x + \cos^{-1}x)$

Find dy/dx

3. What is the value of $1 + 3(1+1/n) + 5(1+1/n)^2 + \dots$

4. If $x^2 + y^2 = a^2$

then $a = ?$

5. A question on time & work

6. If M men agreed to purchase a gift for RsD. If 3 men dropout, how much more will each have to contribute toward the purchase of the gift?

7. some information was given, using sets & relations we have to find the required relation we have to find the required answer.

(Some other were there I did not remember them)

C PROGRAMMING:

It consists of 5 questions:

1. Write a program to check whether the given string is palindrome or not?

2, 3, and 4: Some code was given and we have to find the output also the reasoning should be given (it was easy)

5. Write a program to sort a linked list

VERBAL:

It had 10 questions + 1 Essay

It had 2 synonyms, 2 analogies, 2 error correction type, 2 odd one out, 2 statement based (which weakens, supports) questions

Essay:

Anyone 1) Time and Tide Wait for none

2) My Vision of India in 2020

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