BACHELOR IN COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination   00296

June, 2011

CS-74P : INTRODUCTION TO INTERNET PROGRAMMING

Time allowed : 1 hour   Maximum Marks : 30
                                         (Weightage : 15%)

Note : There are two **compulsory** questions, **10 marks** each. **10 marks** for viva-voce. All programs are to be written in **Java**.

1. Write a program to determine the sum of the following harmonic series for a given   **10**
    value

    $$1+ \frac{1}{2} + \frac{1}{3} + \ldots\ldots\ldots + \frac{1}{n}$$

    The value of n should be given interactively-through the keyboard.

2. Write a program to extract a portion of a character string and print the extract string.   **10**
    Assume that m characters are extracted, starting with the nth character. The value of m and
    n should be accepted through the keyboard.