Roll No.

MCA-4
1st Year Examination, Calendar Batch 2017
Operating System with Unix & Shell Programming
&
Computer Organization

Time : 3 Hours]   *[Max. Marks : 100*

Note. *Attempt any five questions. Each questions carry equal marks.*

Section A-Operating System with Unix Shell Programming

Q.1   Describe various file – access methods.

Q.2   Describe the features of UNIX. What makes UNIX unique?

Q.3   Describe main components of Operating System.

Q.4   Explain the major functions of an Operating System.

Section B-Computer Organization

Q.5   Explain various types of addressing modes detail.

Q.6   Draw a 4 – bit binary ripple counter. Explain its working.

Q.7   Find the Octal equivalent of Decimal with examples.

Q.8   What is associative memory? How does it facilitate searching? Explain.