Roll No.

ADCA-09, BCA-10
2ₙd Year Examination, Academic Batch 2016-17
Operating System
&
Introduction to Assembly Language

Time : 3 Hours]   *[Max. Marks : 100*
Note*. Attempt any **five** questions. All questions carry equal marks.*

SECTION (A)

Q.1 Write detailed note on**e**
a)Process Life Cycle
b) PCB (Process Control Block)
c) Concurrent Process
d) Difference between Process and Thread

Q.2. Classify Operating System and the various function of Operating System.

Q.3 Write short note on
a) Scheduling Queues
b) CPU/ IO Burst Cycle
c) Scheduling
d) First – Come-First Served Scheduling

Q.4. What do you mean by term Scheduling? Describe different type of scheduling algorithm.

SECTION (B)

Q.5 Explain all type of Addressing mode.

Q.6 Explain the 8086 Micro Processor with diagram.

Q.7 Explain the Micro Computer Architecture with diagram.

Q.8 What do you mean by Assembly Language and explain the advantages and disadvantages of Assembly Language.