



12/4/13



M 3106

Reg. No. : .....  
Name : .....

**VI Semester B.A./B.Sc./B.Com./B.B.A./B.B.A. T.T.M./B.B.M./B.C.A./  
B.S.W./B.A. Afsal UI Ulama Degree (CCSS – Reg./Supple./Improv.)  
Examination, May 2013  
Core Course in Computer Science  
6 B 16 – CSC : OPERATING SYSTEMS**

Time : 3 Hours

Max. Weightage : 21

**SECTION – A**

Answer **all** questions. Weightage for bunch of **4** questions is **1**.

1. Primary objective of a time sharing operating system is
  - a) Better through put
  - b) Higher response time
  - c) Lower response time
  - d) Higher CPU utilization
2. The memory management module of the OS manages
  - a) Primary memory
  - b) Virtual memory
  - c) Cache memory
  - d) All of the above
3. A computational structure which is a sequence of programs is
  - a) Program
  - b) Process
  - c) Job
  - d) Thread
4. A system where in the logical address of an instruction or data is likely to be different from physical address is
  - a) Virtual memory
  - b) Real Memory system
  - c) Batch processing
  - d) Time sharing system
5. The technique of selective reuse of memory fragments is
  - a) Dynamic relocation
  - b) Swapping
  - c) Garbage collection
  - d) Time slicing
6. Selecting the process to be executed next on the CPU
  - a) Dispatching
  - b) Context save
  - c) Managing
  - d) Scheduling

P.T.O.

M 3106



-2-



7. PCB stands for
- a) Process Contiguous Block
  - b) Process Central Block
  - c) Process Control Block
  - d) Process Creation Block
8. PSR stands for
- a) Program Status Register
  - b) Process Status Register
  - c) Program State Register
  - d) Process State Register

(2×1=2)

SECTION - B

Answer any 5 questions. Weightage 1 each.

9. What is a Response Time ?
10. What is Time slicing ?
11. What is a Program relocation ?
12. Explain the Multiprogramming system.
13. Explain the difference between job and process.
14. In paging page table is used for what purpose.
15. What is a real time operating system ?
16. What is Resource sharing ?

(5×1=5)

SECTION - C

Answer any 5 questions. Weightage 2 each.

17. Explain the Swapping.
18. Explain the use of PCB.