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 Ul 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

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

(2x1=

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 ? (5x1=

SECTION – C

Answer **any 5** questions. Weightage **2 each**.

17. Explain the Swapping.

18. Explain the use of PCB.