AE-829

M.Sc. (Final)
Term End Examination, 2016-17

COMPUTER SCIENCE

Advanced Trends and Technology
in Computer Science

Time : Three Hours]   [*Maximum Marks* : 100
                                          [*Minimum Pass Marks* :   36

Note : Answer any **five** questions. All questions carry
        equal marks.

1. Explain the following :

    (*a*) Massively Parallel Processing (MPP)

    (*b*) Decision Engine

2. Explain context sensitive search and domain
    specific search.

3. Explain the various Cloud Computing
    Services.

(2)

4. What is Cloud Computing ? Discuss the various applications of Cloud Computing.

5. Explain Grid Monitoring Architecture (GMA).

6. Discuss the various application areas of Grid Computing.

7. Explain Cluster Workload Management Activities.

8. Explain the following in Cluster Computing :

(*a*) Node Hardware and Software

(*b*) Virtualization Technologies

9. Explain Pervasive Computing along with characteristics.

10. Explain Pervasive Architecture.

————