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EIGHTH SEMESTER B.TECH. (ENGINEERING) (09 SCHEME) DEGREE EXAMINATION, APRIL 2015

IT 09 804 L20—GRID COMPUTING

Time : Three Hours　　　　　　　　　　　　　　　　　　　　Maximum : 70 Marks

Part A

Answer **all** *questions.*

1. Enumerate the usage of grids in industrial sectors.

2. Write about protein modelling.

3. What do you mean by Montague-river grid ?

4. Bring out the role of grid in CPU intensive applications.

5. What are the methods of grid deployment ?

(5 × 2 = 10 marks)

Part B

Answer any **four** *questions.*

6. Explain about the role of grid in IT infrastructure and business.

7. Explain grids in Entertainment and Media.

8. Write short notes on Grid requirements.

9. Explain in brief about Hive computing.

10. Describe in detail about grids in Bioinformatics.

11. Discuss about the core components of building a grid.

(4 × 5 = 20 marks)

Part C

Answer **all** *questions.*

12. (a) Explain in detail about productivity paradox and IT.

Or

(b) Discuss about the Grid computing technology.

13. (a) Discuss the process of Grid enabling software applications.

Or

(b) Explain, in detail about Management reporting.

Turn over

14. (a) Discuss the key elements of Desktop grid technology.

Or

(b) List some of the alternatives for Data grid and explain them.

15. (a) Discuss about the industry examples in Cluster grids.

Or

(b) Explain in detail about OGSA and its applications

(4 × 10 = 40 marks)