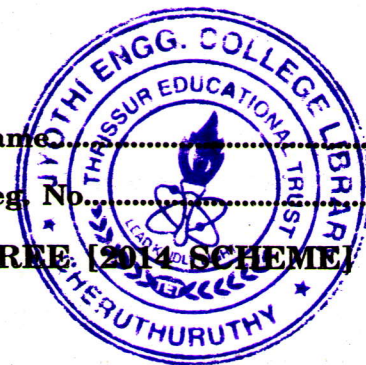


C 30106

(Pages : 2)

Name:

Reg. No.



**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE [2014 SCHEME]
EXAMINATION, NOVEMBER 2017**

Computer Science Engineering
CS/IT 14 704C—GRID COMPUTING

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer any eight questions.
Each question carries 5 marks.*

1. State the need for high performance computing.
2. What are the benefits of Internet Computing ?
3. Bring out the procedure for creating grid services.
4. Write short notes on grid security.
5. What do you mean by desktop supercomputing ?
6. Mention the any *two* applications of grid enabling softwares.
7. Mention any *five* salient features of OGSI.
8. Bring out the applications of OGSI.
9. Brief about the application of Grids in Life Sciences.
10. What are the features of GLOBUS GT3 toolkit ?

(8 × 5 = 40 marks)

Part B

Answer all questions.

11. (a) Explain in detail about types of Grids in detail.

Or

(b) Explain in detail about Grid Computing Business Value Analysis.
12. (a) Discuss in detail about Open Grid Service Architecture with neat sketch.

Or

(b) Explain in detail about managing grid environments.

Turn over

13. (a) Explain in detail about the technical details of OSGI specification.

Or

(b) Elaborate in detail about name and change management in Grid service.

14. (a) Explain in detail about resource management and scheduling in Grid.

Or

(b) Explain in detail about hive computing for transaction processing Grids.

(4 × 15 = 60 marks)