

G 645

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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2014

Seventh Semester

Branch : Computer Science and Engineering

ADVANCED SOFTWARE ENVIRONMENTS (R)

(Old Scheme – Prior to 2010 Admissions)

[Supplementary]



Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 4 marks.

1. Distinguish Ordinary programs from Windows programs.
2. What is a message loop? Explain its functions.
3. What are the advantages of MFC? Explain.
4. How do you handle the keyboard events?
5. Explain the checking account object interfaces.
6. Explain the functions of IOL stub and IOL skeleton.
7. Expand CORBA Factories.
8. Give a brief account of CORBA Exceptions.
9. Distinguish Clients and Servers in X-windows.
10. Write the steps for handling events in X-windows.

(10 × 4 = 40 marks)

Part B

Answer all questions.

Each question carries 12 marks.

11. Describe the components of Window API and its functions.
- Or*
12. With an example, explain WinMain function and message loop.

Turn over

13. Explain the life-cycle of an MFC application.

Or

14. Describe how message maps and event handling is carried out in MFC.

15. Explain in detail CORBA. IDL its elements and interfaces.

Or

16. Write the implementation steps for CORBA client with C++.

17. Explain the steps for destroying CORBA objects.

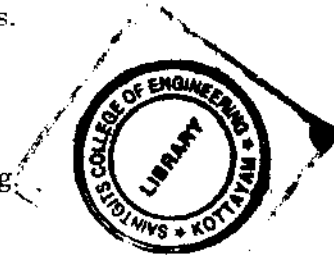
Or

18. With figure, explain the architecture of DCOM.

19. With example, explain X-windows programming.

Or

20. Describe Command line options and resources.



(5 × 12 = 60 marks)