

# **B. Sc DEGREE (C.B.C.S.S) EXAMINATION**

Fifth Semester

## **SYSTEM ANALYSIS AND DESIGN**

(Core Course to B Sc Computer Science)

[2013 admission onwards]

Time : 3 hours

Total Marks: 80

### **Part A.**

*Answer all questions each question carries One mark*

1. Define System
2. What is Organisational Chart?
3. What is Identification Code?
4. Which phase of the System Life-Cycle is known as the ongoing phase where the system is periodically evaluated and updated?
5. What is Code plan?
6. What is Gantttype chart?
7. What is a context diagram?
8. What is a DFD?
9. What is information service request?
10. What is study phase report?

(10x1=10)

### **Part B**

*Write short answer on ANY eight out of 12. Each question carries 2 marks*

11. What are the duties of lower – level management?
12. Explain briefly code dictionary
13. Differentiate sequence code and group classification codes
14. What is structured English?
15. What is data dictionary?
16. What are HIPO charts?
17. How to select a software?
18. Mention four input devices used for entering data
19. What are structured walk-throughs?
20. Which are external system specification?
21. Explain conversion activities in development phase?
22. What is PERT? Explain

(8x2=16)

### **Part C**

*Write short answer on ANY Six out of 9. Each question carries 4 marks*

23. Compare lower, middle and top management information system level
24. Explain the role of system analyst?
25. What are the principles of form design?
26. Compare decision table and decision tree
27. Compare information oriented flow chart and process oriented flow chart
28. Explain various fact analysis techniques
29. Explain the steps involved in feasibility analysis
30. Write a note on output design
31. What are the different levels in training program?

(6x4=24)

### **Part D**

Write essays on **ANY two** questions out of 4. Each question carries **15 marks**

32. Explain the various stages in system development life- cycle?
33. Explain the various tools in structured analysis and design?
34. a). What are various fact finding techniques?  
b). Write a note on input design
35. a). Explain top down and bottom up computer program development  
b). Explain the various steps involved in development of computer programs

(2 x 15= 30)

# UNDERGRADUATE (C.B.C.S.S) EXAMINATION

Fifth Semester

Open Course - INTERNET, WEB DESIGNING AND CYBER LAWS

[2013 admission onwards]

(offered by Board of Studies Computer science)

Time: Three hours

Total mark:80

## Part A

*Answer all questions. Each question carries 1 mark*

1. What is LAN?
2. What is a browser?
3. Describe in short about marquee?
4. Which service allows a person to participate in multiple discussion groups, where each group focuses on a specific topic?
5. What is paired tag in html?
6. What is E-commerce?
7. Describe the term World Wide Web?
8. Mention the tag used to insert an image into an html page?
9. Describe the term protocol?
10. Mention the tag used for splitting up of pages? (10X1=10)

## Part B (Brief answer questions)

*Answer any eight questions. 2 marks each*

11. What is FTP?
12. Describe packet switching?
13. Explain spoofing?
14. What is WAN?
15. What is Archie?
16. What is Hacking?
17. What is ARPANET?
18. What is B2B transaction?
19. What is packet webcasting?
20. Give short note on firewall?
21. Describe the term distributed computing?
22. Give short note on Browser? (8X2=16)

### Part C

Answer any six questions. 4marks each

23. Describe the term “theft” in computer crimes?
24. Explain the table tag and its attributes?
25. What are the special hardware required for audio and video transfer on internet?
26. Write notes on Domain names .How the domain names are translated to an equivalent IP address?
27. Write notes on automated search service?
28. Briefly explain “Penalty for damage to computer and computer related system “?”
29. What do you mean by shopping carts?
30. Explain the term IP address?
31. Explain list and Forms in HTML?

(6X4=24)

### Part D (Long Essay)

*Answer any two questions 15 marks each*

32. Explain the facilities for secure communication?
33. Explain TCP: for reliable communication?
34. Briefly explain different computer crimes and the laws associated with each?
35. Briefly explain the term E-commerce with examples?

(2X15=30)