E 2279 (Pages : 2) Reg. No.....

Name.....

B.C.A. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2016

Fourth Semester

Core Course—SYSTEM ANALYSIS AND DESIGN

(2013 Admission onwards)

Time : Three Hours Maximum Marks : 80

Part A

Answer **all** *question.*
Each question carries 1 *mark.*

1. Why do you need an information system ?
2. Mention the use of organization chart.
3. What are codes ?
4. What is style of a form ?
5. What is record review ?
6. What is system performance definition ?
7. What is data base design ?
8. What is print chart ?
9. What is user acceptance review ?
10. What is change over ?

(10 × 1 = 10)

Part B

Answer any ***eight*** *questions.*
Each question carries 2 *marks.*

11. Discuss the need of information system in business.
12. List the duties of top management.
13. What is speed of response in an information system ?
14. What is code plan ?
15. Mention two different types of codes.
16. What is process oriented flowcharts ?
17. Onsite observation is a fact finding technique. Comment.
18. What is feasibility analysis ?
19. What is a study phase report ?

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20. What is bottom up program development ?
21. Why user training is important ?
22. List the merits of structured programming ?

(8 × 2 = 16)

Part C

Answer any **six** *questions.*
Each question carries 4 *marks.*

23. Write a note on the system analysis phase.
24. What are the duties of a system analyst ?
25. Discuss the use of decision table.
26. What is flowchart ? What are the symbols used in it ?
27. Describe the study phase activities.
28. Why interview is a powerful tool for information gathering ?
29. What all things should be considered during output design ?
30. Why do you need a change over plan ?
31. What is PERT ? Explain its application.

(6 × 4 = 24)

Part D

Answer any **two** *questions.*
Each question carries 15 *marks.*

32. Describe the lifecycle activities during system development.
33. What is a decision tree ? Explain its use with an example.
34. Describe the activities during development phase.
35. Describe the common types of codes.

(2 × 15 = 30)