E 2279

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 ?

Turn over

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)