Paper code: 13523

1523

B.Sc. (Computer Science) (Part 3)

Examination, 2019

Paper No. 2.2

SYSTEM ANALYSIS AND DESIGN

Time: Three Hours] [Maximum Marks: 50

Section-A

Note: Attempt any five questions. Each question carries 6 marks.

1. Explain various elements of a system in detail.

2. How can one gather various information about the system, explain ?

3. Explain the importance of post implementation with suitable example.

4. What are various information gathering tools in system design, explain ?

5. Why the background analysis is necessary, explain ?

6. What are various steps in feasibility analysis, explain ?

7. What are various methods of design process, explain ?

8. How database design is differ from another traditional file organization, explain ?

9. Explain system testing in brief.

10. What are various levels of quality assurance, explain ?

Section-B

Note: Attempt any five questions. Each question carries 3 marks.

11. Explain need of decision tree in system design.

12. What are various type of systems ? http://www.mjpruonline.com

13. What do you mean by on-site observation ?

14. Explain importance of planning in system design.

15. What are IPO charts ?

16. What is system testing ?

17. What is Cost Benefit determination ?

Section-C

Note: What short notes on any five of the following: 1 each

18. Fact analysis

19. Inverted List Organization

20. Audit trail

21. Data validation

22. Decision tables

23. DFD

24. Logical system design

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