

62009

UNIT - II

13. Describe the major phases in the system development life cycle. What are the major steps in analysis and design phase and what are the major deliverables? What are the potential risks that could affect the outcome of a project?

UNIT - III

14. "The Pioneer" a monthly magazine published from New Delhi is sent by post to its subscribers. The subscription is accepted for one year or two years. Three months before the expiry of subscription reminder-1 is sent. If there is no reply from the subscriber reminder-2 is sent one month before the expiry of the subscription giving fortnight time for the acceptance from the subscriber. If no reply is received upto 10 days before the expiry the subscribers name is removed from the mailing list and subscriber is informed.

Draw a DFD for the above problem.

UNIT - IV

15. Differentiate between post implementation and maintenance? What are the different types of maintenance? Explain each with an example.

UNIT - V

16. Write short notes on :

1. Ethics in system development
2. Disaster/Recovery Planning

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Total Pages : 4

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B.C.A. III Year Examination, 2015

Paper-IV

(Systems Analysis and Design)

Time : Three Hours
Maximum Marks : 100

PART - A (खण्ड-अ) [Marks : 20]

Answer all questions (50 words each).

All questions carry equal marks.

सभी प्रश्न अनिवार्य हैं। प्रत्येक प्रश्न का उत्तर पचास शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART - B (खण्ड-ब) [Marks : 50]

Answer five questions (250 words each).

Selecting one from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-एक प्रश्न चुनते हुए, कुल पाँच प्रश्न कीजिए।

प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART - C (खण्ड-स) [Marks : 30]

Answer any two questions (500 words each).

All questions carry equal marks.

कोई दो प्रश्न कीजिए। प्रत्येक प्रश्न का उत्तर 300 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

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P.T.O.

PART-A
UNIT - I

1. Define subsystem.
2. What are the different types of system ?

UNIT - II

3. What is the full form of SDLC ?
4. What are the interpersonal skills of system analyst ?

UNIT - III

5. What are the tools of structured analysis ?
6. What is the difference between logical and physical view of data ?

UNIT - IV

7. Define testing.
8. Define audit trail.

UNIT - V

9. What is the need of system security ?
10. Define recovery planning.

PART-B

UNIT - I

1. What is system analysis ? What are the elements of system ?

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3. Compare and contrast between MIS and DSS.

UNIT - II

4. Differentiate between system analysis and system design.
5. When does an analyst terminate a project ? How does it tie in with post implementation ? Explain.

UNIT - III

6. List and explain the primary steps of interviewing. In what steps interviewing is an art ?
7. What are design methodologies ? Explain the concept of functional decomposition ?

UNIT - IV

8. What are the type of system tests ? Explain.
9. What are quality factors specifications ? Explain.

UNIT - V

10. List and briefly explain control measures in system security.
11. What is encryption ? How does it work ?

PART-C

UNIT - I

12. Differentiate between :
1. Open and closed systems
2. Schematic and static systems model

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P.T.O.