

Roll No. :

Total No. of Questions : 16]

[Total No. of Printed Pages : 3

SCYS-325

M.Sc. (Cyber Security) (IIIrd Semester) Examination, 2021

Paper - MCSEC-302

(Information Storage Management)

Time : 1½ Hours]

[Maximum Marks : 40

Note :- The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries 1 mark.

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer any *five* questions by selecting at least *one* question from each Unit (Answer limit **200** words). Each question carries **3** marks.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer any *three* questions by selecting *one* question from each Unit (Answer limit **500** words). Each question carries **5** marks.

Section-A

1 each

1. (i) What do you understand by Storage Infrastructure Components ?
- (ii) Explain Parity Algorithm.

BI-1004

(1)

SCYS-325 P.T.O.

- (iii) What do you understand by sources of data ?
- (iv) What is NAS ? Explain.
- (v) Explain Business Continuity.
- (vi) What is DAS ? Explain.
- (vii) Explain Trend Analysis.
- (viii) What do you understand by Storage Security ?
- (ix) Explain about SNMP.
- (x) What do you understand by Prioritization ?

Section-B

3 each

Unit-I

- 2. Explain Storage Management Skill and Activity.
- 3. What do you understand by Data Categorization ?
- 4. Explain about Back and Management.

Unit-II

- 5. Describe CAS evolution in brief.
- 6. Discuss about disaster recovery.
- 7. Describe remote business continuity.

Unit-III

- 8. Explain key management metrics in brief.
- 9. Describe metric analysis methodologies.
- 10. What do you understand by Critical Security Attributes ?

Section-C

5 each

Unit-I

- 11. Describe evolution of storage information life-cycle management.
- 12. What is storage system architecture ? Explain intelligent disk subsystem.

Unit-II

13. Explain local business continuity techniques.
14. Explain disaster recovery principles and techniques.

Unit-III

15. Explain reactive and pro-active management best practices.
16. Explain elements of a shared storage model virtualization technologies.