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Paper Code :DCS-106
Roll No.

PGDCA-3, M.Sc. (CA)-3
1st Year Examination, Academic Batch 2018
(A) Internet & E-Commerce
(B) Data Base Management System

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **Five** questions. All questions carry equal marks.*

Section-(A)

Q.1 Describe the similarities and differences between XML and HTML. Provide example of at least two situations which you would use XML and two situations in which you would use HTML.

Q.2 What do you mean by Encryption? Explain in detail about Symmetric and Asymmetric Encryption.

Q3. What is the Encryption Algorithm? Give a comparison between Asymmetric and Symmetric Encryption System.

Q4 What do you mean by Firewall, explain with a suitable diagram? Explain in detail about different type of Firewalls.

Section-(B)

Q5. Discuss various data models in DBMS with their advantages and disadvantages?

Q6. Discuss:-

- (a)Complex Attributes
- (b)Mapping cardinalities
- (c)Relationship
- (d)Degree of relationships

Q7. Discuss Codd's rule in brief?

Q8. (a) Discuss various SQL operators?
(b)Discuss DML?