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Paper Code :DCS-106

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PGDCA-3, M.Sc. (CA)-3
1st Year Examination, Calendar Batch 2017

(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 (Internet & E-Commerce)

- Q.1** Explain in detail about electronic wallets and stored-value cards with its type?
- Q.2** What is the Encryption Algorithm? Give a comparison between Asymmetric and Symmetric Encryption System.
- Q.3** What do you mean by cryptography and cipher text? And explain in detail the public key encryption and private key encryption?
- Q.4** 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.

Section – B (Database Management System)

- Q.5** What is a RENAME and JOIN operations? Explain with an example how it can be represented?
- Q.6** What do you mean by Normalization? Explain in detail all the form of Normalization.
- Q.7** What do you mean by Views and Indexers? And also explain the advantage of views?
- Q.8** What is database schema? Explain the difference between internal and external schema.

