

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**MCA - SEMESTER-V EXAMINATION – WINTER 2018**

**Subject Code: 3650006****Date: 26/11/2018****Subject Name: Web Commerce****Time: 10.30 am to 1.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) Define Terms: 07**
- i) Kiosks, ii) Cyphertext,  
 iii) Veronica, iv) CommerceNet advocacy,  
 v) SSL, vi) Double spending,  
 vii) WebTV
- (b) Do as Directed. 07**
- i) Say TRUE or FALSE with justification: Internet was never free.  
 ii) List any one types of Computer Security Risk.  
 iii) Give names of any two Security Tools.  
 iv) List Technologies for Web Servers.  
 v) State any one reason for Information Security.  
 vi) Give names of any two Electronic Payment Scheme.  
 vii) Say TRUE or FALSE with justification: It is not possible to prevent from double spending.
- Q.2 (a) What is Electronic Cash (e-Cash)? How it works? Explain problems with e-Cash. 07**
- (b) Please comment - Web commerce depends on systems, networks and security. 07**
- OR**
- (b) State key Qualities in the view of Industry Experts of successful Electronic Marketplaces. 07**
- Q.3 (a) Discuss in detail Secure Electronic Payment Process(SEPP). 07**
- (b) What is Electronic Data Interchange (EDI)? Discuss key factors driving migration to Open EDI and challenges to it. 07**
- OR**
- Q.3 (a) Discuss key functions of Secure Electronic Transaction (SET). 07**
- (b) What is e-Commerce? Discuss opportunities and open issues of it. 07**
- Q.4 (a) List and explain role of various payment system participants. 07**
- (b) Encryption is the fundamental mechanism for many form of security - Justify your answer. 07**
- OR**
- Q.4 (a) Explain how Firewall permits approved traffic in and out of one's local site. 07**
- (b) What is Cryptography? Compare symmetric and asymmetric cryptography. 07**
- Q.5 (a) i) What is the function of Payment gateway in Payment processing? 04**
- ii) Explain how and where to provide information on Web? 03**
- (b) Compare Message Object Security Services (MOSS) and Pretty Good Privacy (PGP) services. 07**

**OR**

- Q.5** (a) i) State key features found in most Search Engines. **04**  
ii) Differentiate between MIME and S/MIME. **03**
- (b) User oriented Access control and Data oriented access control are two generalized access controls - Which is to be used when ? Justify your answer by giving difference between both of them. **07**

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