



HALDIA INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION UNDER MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY, WEST BENGAL)

Paper Code: OEC-CS 802A

Paper Name: E-Commerce & ERP

Time Allotted: 2 Hours

Full Marks: 70

*The figures in the margin indicate full marks
Candidates are required to give their answers in their own words as far as practicable*

Group – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives from the followings:

30 x 1 = 30

(i) Electronic communication of documents between two or more users at different locations is known as _____ [CO-1]

- a) Electronic Banking commerce b) Electronic Data Interchange c) Internet
d) ERP

(ii) Which one of the following is not one of the major types of E-commerce? [CO-1]

- a) C2B b) B2C c) B2B d) B2B

(iii) Which of the following model is part of E-Governance? [CO-6]

- a) G2B b) G2C c) B2G d) C2G

(iv) Which one is not a layer of E-Commerce infrastructure? [CO-6]

- a) Physical Layer b) Product Layer c) Service Layer d)
None of the above

(v) Which may be considered as the solution for all business needs? [CO-1]

- a) EDI b) ERP c) SCM d) None of These

(vi) Which of the following specifies access rights to resources related to information security? [CO-4]

- a) OTP b) Pin c) Authorization d) Passcode

(vii) Which among the following is not an user of B2C E-commerce? [CO-1]

- a) manufacturers b) distributors c) Publishers d) None of the above

(viii) Which among the following is an example of C2C? [CO-1]

- a) e-Bay b) Amazon.com c) Rentalic.com d) All of these

(ix) Which of the following is an early form of E-Commerce? [CO-1]

- a) SCM b) EDI c) ERP d) All of the above

(x) A website that changes or customizes itself frequently and automatically based on certain criteria. What type of website is it? [CO-4]

- a) Dynamic website b) Static website c) Phishing website d) None of the above

(xi) Which device does include an embedded integrated circuit chip that can be either a secure micro controller or equivalent intelligence with internal memory or a memory chip alone? [CO-6]

- a) Smart card b) E-cheques c) E-cash d) All of the above

(xii) Which prevents unauthorized communication into and out of the network, allowing the organization to enforce a security policy on traffic between its network and the internet? [CO-2]

- a) Network firewall b) Antivirus c) firmware d) None of the these

(xiii) Which protocol provides security and privacy for the use of the web page content? [CO-2]

- a) HTTP b) HTML c) FTP d) All of the above

(xiv) El Gamal encryption system is an example of _____[CO-2]

- a) symmetric key encryption algorithm b) asymmetric key encryption algorithm
c) not an encryption algorithm d) block cipher method

(xv) _____ means that the information being displayed on a Website/transmitted/received over the Internet has not been changed in any way by an un-authorised party. [CO-4]

- a) integrity b) authenticity c) authorization d) All of the above

(xvi) olx.com is an example of _____[CO-1]

- a) B2B b) B2C c) C2C d) All of the above

(xvii) An important technical limitation of e-commerce is [CO-3]

- a) Dependence on the Internet b) Lack of security c) need for more applications
d) All of the above

(xviii) Which one of the following algorithm is not used in asymmetric-key cryptography?
[CO-4]

- a) RSA algorithm b) Diffie-Hellman algorithm c) electronic code book algorithm
d) DSA algorithm

(xix) Which activity gains entry into the user's system and scan your file system for personal information? [CO-4]

- a) Spoofing b) Snooping c) Sniffing d) None of these

(xx) _____ is the process of making information unintelligible to the unauthorized user. [CO-4]

- a) Cryptography b) Spoofing c) Snooping d) Sniffing

(xxi) Which is not the application area of e-commerce? [CO-6]

- a) E-Learning b) E-Banking c) E-Auction d) None of these

(xxii) Which of the following is not related to security mechanism? [CO-4]

- a) e-cash b) encryption c) decryption d) All of the above

(xxiii) The purpose of supply chain management is _____ [CO-2]

- a) provide customer production b) improve quality of a product c) increase
d) integrating supply and demand

(xxiv) Which of the following is a useful security mechanism when considering business strategy and IT? [CO-4]

- a) encryption b) decryption c) firewall d) All of the above

(xxv) What is the key size of DES algorithm in cryptography? [CO-4]

- a) 56 bit b) 62 bit c) 128 bit d) 64 bit

(xxvi) Which is not a public key cryptosystem? [CO-4]

- a) El Gamal b) AES c) Rabin d) RSA

(xxvii) Digital products are best suited for B2C e-commerce because they _____

[CO-1]

- a) Are commodity like products b) Can be mass-customized and personalized
c) Can be delivered at the time of purchase d) All of the above

(xxviii) Which term represents a count of the number of people who visit one site, click on an ad, and are taken to the site of the advertiser? [CO-2]

- a) Affiliate programs b) Spam c) Click-through d) All of the above

(xxix) What are materials that are necessary for running a modern corporation, but do not relate to the company's primary business activities? [CO-2]

- a) Direct material b) Indirect material c) EDI d) None of these

(xxx) Promotion of products in e-commerce can be done by [CO-6]

- a) Social media b) Online Ads c) Blog d) All of the above

Group – B
(Multiple Choice Type Questions)

2. Choose the correct alternatives from the followings: **10 x 2 = 20**

(i) Which of the following is a characteristic of Digital Cash? [CO-1]

- a) Anonymity b) Security c) Confidentiality d) All of Above

(ii) To protect the customer from loss of money, the E-Commerce platform should maintain a list of _____ and provide appropriate remedy to the customer. [CO-4]

- a) Failed transaction b) completed transactions c) partially completed transactions d) All of these

(iii) Which among the alternate models of B2B e-commerce is the best means to obtain a competitive advantage in the Market place? [CO-1]

- a) Process based b) strategic relationship based c) transaction based d) All of these

(iv) Which of the following is essentially a business process that connects manufacturers, retailers, customers and suppliers in the form of a chain to develop and deliver products? [CO-1]

- a) E-commerce b) EDI c) Networking d) SCM

(v) Which is the most common way for purchasing an online advertising? [CO-2]

- a) CPM b) CPC c) Both a and b d) None of the above

(vi) What is a data encryption standard (DES)? [CO-4]

- a) block cipher b) stream cipher c) bit cipher d) byte cipher

(vii) Which site is created to fraudulently acquire sensitive information such as passwords and credit card details, by masquerading as a trustworthy person or business? [CO-4]

- a) Dynamic website b) Static website c) Phish site d) None of the above

(viii) An electronic file that uniquely identifies individuals and websites on the internet and enables secure confidential communications is called _____ [CO-4]

- a) Digital signature b) Digital certificate c) SSL d) All of the above

(ix) Which of the following crimes were not covered under IT (Amendment) Act, 2008? [CO-5]

- a) Cyber terrorism b) Child pornography c) Video voyeurism
d) None of the above

(x) Which of the following law is covered by Intellectual property laws? [CO-5]

- a) Trademark b) Copyright c) Patent d) All of the above

Group – C

(Short Answer Type Questions)

3. Attempt any four from the followings:

4 x 5 = 20

i) Discuss the E-Commerce architecture and its components with the help of a diagram.

[CO-5] 5

ii) Explain different types of E-Commerce business models with respect to customers and vendors. [CO-6]

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iii) What is an EDI? State the components of EDI. [CO-4] 2+3

iv) State the role of firewall in e-commerce. How does DES algorithm secure e-commerce? [CO-4] 2+3

v) Define ERP. Write the advantages of ERP system. [CO-6] 2+3

vi) What is e-payment? Discuss any three types of E-payment systems. [CO-4] 2+3

ARINDAM GIRI

Signature of the Paper Setter/Moderator

Answer Key:

Group – A

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|-----------------|----------|-----------|------------|-----------|-----------|
| <u>1.</u> (i) b | (ii) a | (iii) d | (iv) d | (v) b | (vi) c |
| (vii) d | (viii) d | (ix) b | (x) a | (xi) a | (xii) a |
| (xiii) a | (xiv) b | (xv) a | (xvi) c | (xvii) d | (xviii) c |
| (xix) b | (xx) a | (xxi) d | (xxii) a | (xxiii) d | (xxiv) d |
| (xxv) a | (xxvi) b | (xxvii) d | (xxviii) c | (xxix) b | (xxx) d |

Group – B

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|-----------------|----------|---------|--------|-------|--------|
| <u>2.</u> (i) d | (ii) d | (iii) b | (iv) d | (v) c | (vi) a |
| (vii) c | (viii) b | (ix) d | (x) d | | |

Group – C

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| <u>3.</u> (i) | (ii) | (iii) | (iv) | (v) | (vi) |
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