GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2022
E COMMERCE AND ERP
PAPER CODE: IT604A

TIME ALLOTTED: 3HR   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.Answer any *ten* from the following, choosing the correct alternative of each question: 10×1=10

		Marks	CO No.
(i)	EDI stands for	1	CO1

a)Electronic Digital Interchange
b) Engineering Digital Interaction
c) Electronic Data Interface
d) Electronic Data Integration

		Marks	CO No.
(ii)	if an employee of a large corporation wishes to apply for a leave, he would normally use	1	CO1

a) internet
b) extranet
c) intranet
d) Personal social networking account.

		Marks	CO No.
(iii)	Electronic business if the use of the internet and other networks and information technologies to support which of the following?	1	CO2

a)Electronic commerce
b) Enterprise communication and collaboration
c) Customer service management
d) All of these.

		Marks	CO No.
(iv)	Market basket analysis (to determine what products customers purchase together with other products) may be performed efficiently by	1	CO3

a) database queries
b) data mining
c) text mining
d) formula processing.

		Marks	CO No.
(v)	What does EFT stand for?	1	CO2

a)Electronic Finance and Transfer
b) Electronic Funs Transport
c) Efficient Funds Transfer
d) Electronic Funds Transfer.

		Marks	CO No.
(vi)	The correct order of the supply chain life cycle is:	1	CO1

a) deliver, make, commit and schedule
b) commit, schedule, make and deliver
c) schedule, commit, make and deliver
d) make, schedule, commit and deliver.

(vii) Which of the following is not a party of SCM ? 1 CO3

    a) Suppliers
    b) Manufacturers
    c) Distributors
    d) Customers

(viii) ....is an early form of E-commerce 1 CO1

    a) SCM
    b) EDI
    c) Both of these
    d) None of these

(ix) The most important step of ERP implementation is _____ phase. 1 CO1
    a) Installing.
    b) Training.
    c) Gap analysis.
    d) testing

(x) _____ is a key issue in the formation of strategic plans in companies. 1 CO3
    a) Computerized.
    b) Quantity.
    c) Quality.
    d) Flexibility

(xi) An enterprise is a group of people with _____. 1 CO4
    a) common goal.
    b) separate goal for each department.
    c) multiple goals.
    d) Two or more goals.

(xii) In _____, entire organization is considered as a system and the departments are its subsystem 1 CO4
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    a) business way.
    b) general.
    c) enterprise way.
    d) Planning.

GROUP – B
(Short Answer Type Questions)

Answer any *three* from the following: 3×5=15

			Marks	CO No.
2.	(a)	How do reverse auctions differ from regular auctions?	2	CO1
	(b)	How do reverse auction work in e-market place?	3	CO3
3.	(a)	What is cryptography?	2	CO3

			Marks	CO No.
	(b)	Describe the working principle of DES algorithm?	3	CO2
4.	(a)	What is EDI?	2	CO2
	(b)	Describe EAN coding for EDI message?	3	CO1
5.	(a)	Differences between ERP implementation life cycle and Custom Software development phases.	2	CO1
	(b)	Do you think that BPR is necessary before implementation or ERP? If so,why?	3	CO1
6.	(a)	What is SCM?	2	CO2
	(b)	What are the Risks and Challenges in ERP implementation?	3	CO2

GROUP – C
(Long Answer Type Questions)

Answer any *three* from the following: 3×15=45

			Marks	CO No.
7.	(a)	With the help of a diagram, briefly explain how public key cryptography works?	4	CO4
	(b)	Explain, with the help of a diagram, how the addition of a digital signature changes the process of public key cryptography?	4	CO1
	(c)	What are the Digital Signatures? How do they differ from Digital Certificate?	4	CO3
	(d)	What are the common causes for revoking a Digital Certificate?	3	CO3
8.	(a)	What is E-business?	4	CO2
	(b)	Discuss about the features of online bookshop?	4	CO2
	(c)	What is digital cash or e-cash?	4	CO1
	(d)	Explain with the help of a diagram, how an online banking system works?	3	CO1
9.		Explain the different component of either Sales& Distribution or Finance & Control or Human Resources module of an ERP system.	15	CO4
10.		Explain the ERP implementation Life Cycle, the success & failure factors of ERP implementation.	15	CO3
11.		Write short notes on any three of the following:		
	(a)	Virtual Auction	5	C01
	(b)	E-Diversity	5	C04
	(c)	Trade Cycle	5	C01
	(d)	RSA Algorithm	5	C02