

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCom DEGREE EXAMINATION DECEMBER 2025
(Fourth Semester)

Branch - COMMERCE

FUNDAMENTALS OF E-COMMERCE

Maximum: 75 Marks

Time: Three Hours

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

$(10 \times 1 = 10)$

Module No	Questio n No.	Question	K Level	CO
1	1	Which of the following is the objective of firewalls in e-commerce systems? a) Store user data b) Prevent unauthorized access c) Speed up downloads d) Design webpages	K1	CO1
	2	Identify the example for C2B e-commerce. a) OLX b) Myntra c) Amazon d) Flipkart	K2	CO1
2	3	Find the layer of TCP/IP model that is responsible for logical addressing & routing. a) Transport Layer b) Application Layer c) Internet Layer d) Network Access Layer	K1	CO2
	4	Which of the following is not the feature of Telnet? a) Remote command execution b) Encrypted communication c) Client-server architecture d) Terminal emulation	K2	CO2
3	5	Identify the key feature of m-commerce. a) Fixed location usage b) Cash only transactions c) Applies to large enterprises d) Anywhere, Anytime access	K1	CO3
	6	Find the major risk associated with mobile commerce. a) Operational delay b) Unlimited storage c) Hacking & Phishing d) Faster transactions	K2	CO3
4	7	Which security technology is commonly used in e-payment systems to protect data during transmissions? a) SSL/TLS Encryption b) HTTP c) XML	K1	CO4
	8	Which of the following components are part of an RFID system? a) Barcode and Scanner b) Tag and Reader c) GPS and Modem d) Chip and Password	K2	CO4
5	9	Find the one which the DSCI stands for? a) Data Security Council of India b) Digital Security Council of India c) Digital Systems Council of India d) Department of Security & Compliance	K1	CO5
	10	Which of the following is the financial risk in e-business? a) Malware b) Slow internet c) Customer complaints d) Payment fraud	K2	CO5

Cont...

SECTION – B (35 Marks)
Answer ALL questions
ALL Questions Carry EQUAL Marks **(5 x 7 = 35 Marks)**

Module No	Question No.	Question	K Level	CO
1	11 a)	Differentiate e-business from e-commerce.	K3	CO1
		OR		
2	11 b)	What are the key factors to consider when setting up an ecommerce business?	K3	CO1
	12 a)	List down the advantages and disadvantages of client server applications.	K2	CO2
		OR		
	12 b)	State the importance of wireless transmission in modern networks.	K2	CO2
3	13 a)	Describe the characteristics of m-commerce.	K3	CO3
		OR		
4	13 b)	How the mobile technology generations have impacted m-commerce evolution.	K3	CO3
	14 a)	Mention the few applications of RFID technology.	K4	CO4
		OR		
	14 b)	List and briefly describe the different types of e-payment systems.	K4	CO4
5	15 a)	State briefly the objectives of NASSCOM security initiatives.	K4	CO5
		OR		
	15 b)	How does the cyber security help in e-business risk management?	K4	CO5

SECTION -C (30 Marks)
Answer ANY THREE questions
ALL questions carry EQUAL Marks **(3 x 10 = 30)**

Module No	Question No.	Question	K Level	CO
1	16	Explain the different types of e-commerce models with examples.	K3	CO1
2	17	Discuss the role of ISP Backbone networks in global internet communication.	K4	CO2
3	18	Explain the role of mobile devices and apps in enabling mobile commerce.	K5	CO3
4	19	Describe the functions of Mobile computing.	K4	CO4
5	20	What is Network Security? Explain the different types of Network Security.	K5	CO5