

CONTENTS

	PAGE
<i>About the author</i>	<i>I-5</i>
<i>Preface</i>	<i>I-7</i>
<i>Syllabus</i>	<i>I-9</i>

1

INTRODUCTION TO E-COMMERCE

1.0	Introduction to E-Commerce	<i>1</i>
1.1	Defining E-Commerce	<i>2</i>
1.2	Nature of E-Commerce	<i>4</i>
1.3	Characteristics of E-Commerce	<i>5</i>
1.4	Advantages of E-Commerce	<i>6</i>
1.5	Limitations of E-Commerce	<i>12</i>
1.6	Drivers of E-Commerce	<i>16</i>
1.7	Reasons for transacting online	<i>20</i>
1.8	Categories of E-Commerce	<i>21</i>
1.9	E-Commerce and E-Business	<i>30</i>
SUMMARY		<i>32</i>
QUESTIONS		<i>33</i>

2

TECHNOLOGY USED IN E-COMMERCE

2.0	Introduction	<i>35</i>
2.1	Internet	<i>35</i>
2.2	World Wide Web	<i>41</i>

	PAGE
2.3 Internet and WWW	44
2.4 Designing, Building and Launching E-Commerce Website	45
2.5 Pure Online vs. Brick and Click Business	61
SUMMARY	61B
QUESTIONS	62

3

E-COMMERCE SECURITY AND CONTROLS

3.0 Introduction	64
3.1 Dimension of E-Commerce Security	65
3.2 Security Threats in E-Commerce Environment	66
3.3 Need of E-Commerce Security	72
3.4 Security Controls	74
3.5 Encryption	75
3.6 Digital Signature	81
SUMMARY	87
QUESTIONS	88

4

WEB DESIGNING

4.1 Understanding HTML	90
4.2 A simple HTML document	91
4.3 Heading and Paragraph	92
4.4 Attributes	94
4.5 Fonts	95
4.6 Tables	98
4.7 Lists	99
4.8 Forms	102
4.9 Images	105
4.10 HR tag or horizontal rule	106
4.11 Link Tag	106
4.12 Frames	108
4.13 Stylesheet	110
EXAMPLES	116
EXERCISES	120

5**E-PAYMENT**

5.1	Understanding Electronic Payments	<i>122</i>
5.2	Modes of Payment	<i>126</i>
5.3	Payment Gateways	<i>137</i>
5.4	Online Banking	<i>139</i>
5.4A	Electronic Funds Transfer (EFT)	<i>141</i>
5.4B	Automated Clearing House (ACH)	<i>146</i>
5.4C	UPI (Unified Payment Interface)	<i>147</i>
5.5	Automated Ledger Postings	<i>148</i>
5.6	Risks involved in E-payment	<i>149</i>
5.7	Digital Signatures	<i>151</i>
	SUMMARY	<i>153</i>
	QUESTIONS	<i>154</i>
	SOURCE	<i>155</i>

6**ONLINE BUSINESS TRANSACTIONS**

6.0	Online Business Transactions	<i>156</i>
6.1	Understanding Online Business Transactions	<i>156</i>
6.2	E-Commerce Applications	<i>161</i>
6.3	Online Services	<i>168</i>
	SUMMARY	<i>188</i>
	QUESTIONS	<i>189</i>

7**E-RETAILING**

7.1	Understanding E-retailing	<i>191</i>
7.2	Categories of E-retailing	<i>192</i>
7.3	How E-retailing takes place?	<i>195</i>
7.4	Popularity of E-retailing	<i>196</i>
7.5	Benefits of E-retailing	<i>200</i>
7.6	Disadvantages of E-retailing	<i>202</i>
	SUMMARY	<i>206</i>
	QUESTIONS	<i>207</i>