PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BCom DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – COMMERCE WITH COMPUTER APPLICATIONS

DISCIPLINE SPECFIC ELECTIVE – I: E-BANKING AND INTERNET

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions

ALL questions carry EQUAL marks   (10 x 1 = 10)

1. Risk relating to the legal aspects of e-banking is called _____ .
   - (i) Operational risk
   - (ii) Strategic risk
   - (iii) Business risk
   - (iv) Legal risk

2. Electronic architecture introduced by RBI for newer bank is called _____ .
   - (i) Star topology
   - (ii) Tree topology
   - (iii) Ring topology
   - (iv) Bus topology

3. In which year the Information Technology Act was enacted in India?
   - (i) 2003
   - (ii) 2002
   - (iii) 2000
   - (iv) 2005

4. Which of the following terms is in Banking field?
   - (i) Interest Rate Swap
   - (ii) Input devices
   - (iii) Sedimentary
   - (iv) Zero Hour

5. The acronym SMS stands for _____ .
   - (i) Short Messaging Service
   - (ii) Short Massaging Service
   - (iii) Single Messaging Service
   - (iv) Single Massaging Service

6. Banking service delivered through the channel of smart mobile phones is termed as ___ .
   - (i) Internet banking
   - (ii) Telephone banking
   - (iii) Mobile banking
   - (iv) E-banking

7. ATM PIN is a _____ .
   - (i) Five digit code number
   - (ii) Four digit code number
   - (iii) Three digit code number
   - (iv) Two digit code number

8. For which card one has to made advance payment?
   - (i) Credit card
   - (ii) Smart card
   - (iii) Debit card
   - (iv) Gold card

9. In which year Electronic Fund Transfer was introduced?
   - (i) 1992
   - (ii) 1993
   - (iii) 1994
   - (iv) 1995

10. The acronym SWIFT stands for _____ .
    - (i) World-wide Interbank Financial Telecommunication
    - (ii) World-wide Interbank Fund Telecommunication
    - (iii) World-web Interbank Financial Telecommunication
    - (iv) World-wide Intrabank Financial Telecommunication

SECTION - B (35 Marks)
Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 7 = 35)

11. a. Bring out the benefits of e-banking and financial services.

(OR)

b. Explain the opportunities provided by E-banking?

12. a. Distinguish between Internet banking and Traditional Banking.

(OR)

b. Narrate the future outlook for the Internet Banking.

13. a. Discuss the different Mobile banking services offered by a bank.

(OR)

b. 'Telephone Banking Service is costly' – Do you agree with this view? Explain.

14. a. Explain the various functions of ATM.

(OR)

b. Describe the mode of issue of e-money.

15. a. Explain the steps involved in Electronic Cheque System.

(OR)

b. Write short notes on: a. RTGS b. IMPS.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16. Point out the initiatives taken by the RBI in the context of e-banking in India.

17. Elucidate the mechanics of Internet Banking.

18. Identify the various features of Mobile banking services provided by a modern banker.

19. Enumerate briefly the methods of personal identification security used in smart cards.

20. Examine an account of the RBI guidelines pertaining to the working of EFT.

Z-Z-Z   END

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BCom DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – **COMMERCE WITH COMPUTER APPLICATIONS**

DISCIPLINE SPECIFIC ELECTIVE – I MOBILE COMPUTING AND ITS APPLICATIONS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)
Answer **ALL** questions

ALL questions carry **EQUAL** marks   (10 x 1 = 10)

1. What is wireless communication?
   a) Sending data from one location to with the use of physical medium
   b) Sending data from one location to another without the use of physical medium
   c) Sending data from one location to another without the use of virtual medium
   d) None of the mentioned

2. Which of the following is a type of wireless communication?
   a) LAN
   b) WAN
   c) PAN
   d) All of the mentioned

3. Which one of the following is the most common internet protocol?
   a) HTML
   b) NetBEUI
   c) TCP/IP
   d) IPX/SPX

4. In which one of the following codes with specific characteristics can be applied to the transmission?
   a) CDMA
   b) GPRS
   c) GSM
   d) All of the above

5. WAP is a ____ type of protocol?
   a) Circuit switching
   b) Packet switching
   c) Message switching
   d) Both a and b

6. Which one of the following shape of the cell is used for maximum radio coverage?
   a) Circular
   b) Square
   c) Oval
   d) Hexagon

7. What is a cell in cellular system?
   a) A group of cells
   b) A group of subscribers
   c) A small geographical area
   d) A large group of mobile systems

8. In a Cellular network, which of the following is used to use the same frequency for others?
   a) Frequency hopping
   b) Frequency reuse
   c) Frequency planning
   d) None of the above

9. Switching techniques connects ____ networking communication?
   a) One to One
   b) One to Many
   c) Many to One
   d) Many to Many

10. WAP is a ____ suite?
    a) Protocol
    b) Message
    c) Security
    d) None

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

11 a. Explain the Mobile Computing functions.
OR
b. Summarise the fundamentals of cellular system.

12 a. Distinguish between IPV4 Vs IPV6.
OR
b. Outline the operations of Mobile IP.

13 a. Explain the advantages of WAP architecture.
OR
b. State the features of WML Script.

14 a. How does co-channel interference become serious concern in the design of a cellular system?
OR
b. Differentiate between permanent and dynamic cell splitting.

15 a. Explain the limitations of GSM.
OR
b. State the major parts of an MS in GSM.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16 Describe the functionalities provided by mobile computing environment

17 Differentiate between I-TCP and Snooping TCP.

18 Enumerate the Amplitude Shift Keying and Frequency Shift Keying with example.

19 Compare fixed channel assignment, dynamic channel assignment and hybrid channel assignment.

20 Explain how hand-off takes place in GSM. Explain different types of hand-off encountered in GSM.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
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BCom DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – COMMERCE WITH COMPUTER APPLICATIONS
VISUAL BASIC .NET PROGRAMMING

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions

ALL questions carry EQUAL marks   (10 x 1 = 10)

1. The .NET Framework consists of CLR and _____.
   - (i) Class Libraries
   - (ii) Collections
   - (iii) Codes
   - (iv) Information's

2. _____ are used to organize the objects (such as classes) within an assembly.
   - (i) Libraries
   - (ii) Namespaces
   - (iii) Managed code
   - (iv) Manifest

3. The default property of a TextBox Control is _____.
   - (i) Enable
   - (ii) Text
   - (iii) Password
   - (iv) Multiline

4. _____ indicates whether a particular condition is on or off.
   - (i) Text Box
   - (ii) Check Box
   - (iii) Combo Box
   - (iv) List Box

5. _____ box controls are typically used to accept input from the user.
   - (i) Text
   - (ii) Label
   - (iii) List
   - (iv) Check

6. The _____ control is used to display a drop-down list of various items.
   - (i) Check
   - (ii) Label
   - (iii) ComboBox
   - (iv) Text

7. The _____ control allows the user to browse for and select the file to be uploaded, providing a browse button and a text box for entering the filename.
   - (i) FileUpload
   - (ii) PageLoad
   - (iii) Pageclick
   - (iv) FileLoad

8. _____ control shows data in a tabular format and allows sorting, paging and delete a record .
   - (i) List Box
   - (ii) Grid View
   - (iii) Repeater
   - (iv) Text Box

9. Which ado.net class provides a disconnected environment?
   - (i) Data Reader
   - (ii) Data Set
   - (iii) Command
   - (iv) View

10. The first step of configuring a DataAdapter is to select _____.
    - (i) An adapter object
    - (ii) A connection object
    - (iii) A database object
    - (iv) A dataset object

SECTION - B (35 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 7 = 35)

11 a   Explain the important VB.NET Namespaces with examples.
OR
     b   Brief out the Data types in VB.NET. Give examples.

12 a   How to display Message Boxes in VB.NET. Illustrate with example.
OR
     b   State Radio Button Control in VB.NET with example.

13 a   Analyze on Arrays in VB.NET with example.
OR
     b   Outline about CheckBox Control in VB.NET with example.

14 a   Brief out Timer Control in VB.NET with an example.
OR
     b   State the importance of MenuStrip Control in VB.NET with its properties

15 a   Explain about the DataAdapter Object in ADO.NET.
OR
     b   Show why Command Object is used in ADO.NET? Justify with examples.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16   Elucidate on the Architecture of .NET Framework 3.5 with a neat sketch.

17   Discuss in detail about the Properties and Methods of Text Box Control with example.

18   Examine the ListBoxes and Checked ListBoxes in VB.NET with examples.

19   Compare Save File Dialog and Open File Dialog controls in VB.NET with example.

20   Summarize in detail about ADO .NET Objects with example.

Z-Z-Z   END