



B.Sc. VI - Semester Degree Examination, May - 2018

COMPUTER SCIENCE

Programming in Visual basic 6.0

Paper - 6.1 BSC603CS

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

All parts are compulsory.

PART - A

I. Answer any TEN of the following :

(10×2=20)

1. What are the components of IDE of VB. 6.0?
2. Mention three tabs of new project dialog box?
3. Write the syntax of message box.
4. Define project?
5. What is file? Name the types of files?
6. Expand ADODC?
7. What is MDI?
8. List the various data types available in V.B. 6?
9. Write any four mathematical functions available in VB 6.0?
10. Define command button?
11. What is text box
12. Name two predefined dialog boxes in V.B.

[P.T.O

**PART - B****II.** Answer any **SIX** of the following :**(6×5=30)**

1. Explain IDE of visual basic 6.0.
2. Write a note on different looping statements with syntax in V.B.
3. Write the various object naming conventions of controls in V.B.
4. Write a V.B. program to validate user name and Password.
5. Write the various rules to follow to declare variable in VB with some valid examples.
6. Write a V.B. program to change back color of a form using scroll bar.
7. Write a note on procedures in visual basic.
8. Write a note on modules in V.B. 6.

PART-C**III.** Answer any **THREE** of the following :**(3×10=30)**

1. Write a note on visual basic standard controls.
 2. Write the various control structures of V.B. with syntax and explain any one with example.
 3. Write the various mathematical and string manipulation functions in V.B.
 4. Write V.B program to develop simple calculator.
 5. Write short note on :
 - a) Menu editor.
 - b) MDI.
 - c) Arrays in V.B.
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11634(New)

B.Sc. VI Semester Degree Examination, April/May- 2019

COMPUTER SCIENCE

Programming in Visual Basic 6.0

PAPER - 6.1 (BSC 603 CS)

(NEW)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

All parts are compulsory.

Part - A

I. Answer any 10 of the following.

(10×2=20)

1. Define Project.
2. Write the various events in Vb 6.
3. Expand IDE.
4. Write any string functions in V.B.
5. What is properties window?
6. Define Text box and Label box.
7. Expand MDI and SDI.
8. Write three different working modes in VB main window.
9. What is Form layout window?
10. Mention the extensions of Form and Command button.
11. Define event.
12. Expand ADODC.

[P.T.O.]

**Part - B****II.** Answer any 6 of the following.

(6×5=30)

1. What are the different properties and methods of Form Object?
2. Explain data control.
3. Write a note on Visual basic IDE.
4. Write a brief note on Scope of Variables in Vb 6.
5. Write a VB program to check the given number is Prime or Non Prime.
6. Explain If ___ Then ___ endif and If ___ Then ___ else ___ endif statements in VB.
7. Write VB program to implement simple calculator.
8. Explain different data types in VB 6.0.

Part - C**III.** Answer any 3 of the following.

(3×10=30)

1. Write a note on Procedures in VB.
 2. Write different looping statements in VB explain any 1 with example.
 3. Design an interface and write VB code to count number of Vowels and Consonants in given string.
 4. Write the various built in functions in V.B.
 5. Write short note on:
 - a) MDI
 - b) Menu Editor.
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B.Sc. VI Semester Degree Examination, September- 2020

COMPUTER SCIENCE

Programming in VB.6.0

Paper : 6.1 BSC 603 CS

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

All sections are compulsory

SECTION-A

I. Answer any TEN of the following.

(10×2=20)

1. Visual Basic is called _____ language.
2. Name the three windows available in VB IDE.
3. Write the syntax of Input Box ().
4. Mention the data types available in VB.
5. Mention the Extension of form and project file.
6. Expand API & MDI.
7. Write the difference between check box and option button.
8. How do you specify remarks/comments in VB.
9. What is the purpose of Redim Statement.
10. Write the use of visible & enabled property.
11. Define Setfocus.
12. What is the use of data control in VB.

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SECTION - B

II. Answer any SIX of the following.

(6×5=30)

1. Explain on life and scope of variables in VB.
2. Differentiate b/w list and combo box in VB.
3. Write a VB program to find reverse of given number and check for palindrome.
4. Explain on string functions in VB.
5. Explain on looping structures in VB.
6. Write a VB program of change the color of form using scrollbar.
7. Write a note on modules in VB.
8. Write a note on data control in VB.

SECTION - C

III. Answer any THREE of the following:

(3×10=30)

1. Write a note on standard controls present on tool box.
 2. Explain on repetition controls in VB with syntax.
 3. Design an VB application to find minimum and maximum of n numbers.
 4. Write a note on:
 - a) Menu editor
 - b) Picture box
 5. Design on VB application to find number of vowels and consonents in a string.
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27634(New)

B.Sc. VI Semester Degree Examination, September - 2021

COMPUTER SCIENCE

Web Programming

Paper : 6.1 - B SC601CS

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates : All sections are compulsory.

SECTION - A

I. Answer any **ten** (10) of the following.

(10×2=20)

1. Who developed WWW and When?
2. List the different types of Web page.
3. What is web programming?
4. Expand PHP and XML.
5. Why we use Frame in HTML.
6. List any three scripting languages.
7. Write any 2 differences between XML and HTML.
8. Which tag is used to create hyperlink in HTML.
9. Define Operator and Expression.
10. What is PHP?
11. Define sessions.
12. What is the main function of DOM?

SECTION - B

II. Answer any **Six** of the following.

(6×5=30)

1. Differentiate Between Scripting and Non - scripting languages.
2. What is formatting in HTML? Explain any 4 formatting tags with example.
3. Explain the Box model of CSS with example.
4. Explain any 5 features of CSS3.
5. Differentiate HTML and XHTML in detail?

[P.T.O.]



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6. What is array? Explain how to create array in javascript with example.
7. Explain <div> tag in CSS.
8. Explain the Basic PHP syntax with simple program.

SECTION - C

III. Answer any **three** of the following.

(3×10=30)

1. What is Website? Explain how to build websites.
 2. Write HTML code to demonstrate ordered and unordered lists.
 3. Explain the control statements in Javascript.
 4. Explain Frame in HTML with simple prog.
 5. Write a note on
 - a. Sessions in PHP.
 - b. Levels of style - sheets.
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B.Sc. VI Semester Degree Examination, September/October 2022
COMPUTER SCIENCE
Paper – 6.1 BSC601CS : Web Programming

Time : 3 Hours

Max. Marks : 80

Instruction : All Sections are compulsory.

SECTION – A

I. Answer **any ten** of the following :

(10×2=20)

- 1) Define domain name.
- 2) Define Internet Protocol (IP) Address.
- 3) Define Uniform Resource Locator (URL) ? Write its general form.
- 4) What are two required attributes of an tag ?
- 5) What is the general format of an inline style sheets ?
- 6) What attributes are required to link an external style sheets ?
- 7) Write any four methods of string properties in javascript.
- 8) Mention the types of primitives in javascript.
- 9) What is an event ?
- 10) Define dynamic XHTML document.
- 11) Define DTD.
- 12) Define a PHP function. Mention its general form.

SECTION – B

II. Answer **any six** of the following :

(6×5=30)

- 1) Differentiate between HTML and XHTML.
- 2) Explain the frame concept of XHTML with an example.
- 3) Explain alert, confirm and prompt methods of javascript with an example.
- 4) Explain the data object of javascript with an example.

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- 5) Explain the concept of handling events from button event of XHTML with an example.
- 6) Explain the concept of absolute positioning in javascript with an example.
- 7) Explain the concept of internal and external DTDs with an example.
- 8) Write a HTML code to demonstrate various formatting tags, ordered and unordered list and table using frames suitably.

SECTION – C

III. Answer **any three** of the following :

(3×10=30)

- 1) Explain the concept of Hypertext Transfer Protocol (HTTP).
 - 2) Explain the <table> tag of XHTML with attributes of each.
 - 3) Explain the concept of selector forms of Cascading Style Sheet (CSS).
 - 4) Explain the levels of Cascading Style Sheets (CSS) with an example.
 - 5) Write a note on :
 - 1) Constructor in javascript
 - 2) XMC schemas.
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B.Sc. VI Semester Degree Examination, September/October 2023**(Non NEP)****COMPUTER SCIENCE****Paper – 6.1 : Web Programming**

Time : 3 Hours

Max. Marks : 80

Instruction : All Sections are compulsory.**SECTION – A**I. Answer **any ten** of the following.**(10×2=20)**

- 1) Expand WWW and HTML.
- 2) Define web client and web server.
- 3) What is web programming ?
- 4) List any 3 scripting languages.
- 5) Why we use form tag in HTML ?
- 6) Write any 2 primitives of javascript.
- 7) Define event handling.
- 8) Expand DTD and XML.
- 9) List the basic errors in PHP.
- 10) Define session in PHP.
- 11) Define constructor in javascript.
- 12) Write any 2 uses of XML.

SECTION – BII. Answer **any six** of the following.**(6×5=30)**

- 1) Explain web content authoring.
- 2) Explain types of scripting languages.
- 3) Write HTML code to create table.
- 4) Distinguish between HTML and XHTML.



- 5) Explain any 2 control statements in javascript.
- 6) Explain how to create array in javascript with example.
- 7) Explain data object of javascript with an example.
- 8) Explain how to add PHP to HTML.

SECTION – C

III. Answer **any three** of the following.

(3×10=30)

- 1) Explain <table> tag of HTML.
 - 2) Write HTML code to create ordered and unordered lists.
 - 3) Explain box model with example.
 - 4) Explain features of CSS3.
 - 5) Write a note on :
 - a) Cookies in PHP.
 - b) Javascript functions.
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B.Sc. VI Semester Degree Examination, May - 2018

COMPUTER SCIENCE

Java and Internet Programming

Paper - CS-602 (Old)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

All sections are compulsory.

Section - A

I. Answer any ten of the following :

(10×2=20)

1. Expand JDK & JVM
2. What is Token? Give one example.
3. List any 2 datatypes supported by Java.
4. Define Array.
5. Define vectors.
6. What is exception? Write its syntax.
7. List any two most commonly used drawing methods used in Graphics.
8. What is multithreading?
9. Define Internet. Write any two uses of it.
10. Expand LAN WAN.
11. What is Inheritance? List its different types.
12. Write any two web browsers used in common.

[P.T.O]

**Section - B****II.** Answer any **Five** of the following :**(5×6=30)**

13. Explain the structure of Java.
14. What is operator? Explain any three operators used in Java.
15. Write a Java program to find factorial of a Number.
16. Explain constructor with example.
17. Explain exception Handling.
18. Write a note on E-mail.
19. How Java differs from C
20. Explain the creation of interface in Java.

Section - C**III.** Answer any **Three** of the following :**(3×10=30)**

21. Explain Java features.
 22. Explain method overloading and method overring with examples.
 23. Define thread. Explain the life cycle of thread.
 24. Develop and applet program to draw human face.
 25. Write a note on
 - a. Single Inheritance.
 - b. HTML Formating TAGS.
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11635(New)

B.Sc. VI Semester Degree Examination, April / May- 2019

COMPUTER SCIENCE .

Java and Internet Programming

PAPER - CS - 602

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

All Sections are Compulsory.

Section - A

I. Answer any TEN of the following:

(10×2=20)

1. What was the First name of JAVA?
2. List Non - Primitive data types.
3. What is Token? Give one example.
4. Define Class and object.
5. Define a Constructor.
6. What is an Applet in Java?
7. What is Thread? Give an example.
8. List out the Operators used in JAVA.
9. Define Internet. Write two uses of it.
10. Name different types of Search Engines.
11. What is Method Over Loading?
12. Mention two graphics class method in JAVA.

[P.T.O.]



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Section - B

II. Answer any **SIX** of the following:

(6×5=30)

1. Explain Java Virtual Machine.
2. Explain the structure of Java.
3. Give five difference between C and JAVA.
4. Explain different Operators in Java.
5. Define Inheritance. Explain its types.
6. Write a Java program to generate Fibonacci series.
7. Explain Exception Handling.
8. Explain Life Cycle of a Thread.

Section - C

III. Answer any **THREE** of the following:

(3×10=30)

1. Explain Java features in detail.
2. Explain Looping statements in Java.
3. Write a Java program to generate KEB bill.
4. Describe Applet life cycle in Java.
5. Write short notes on :
 - a. E - mail.
 - b. HTML Tags.
 - c. Data Types.
 - d. Method Overriding.



B.Sc. VI Semester Degree Examination, September - 2020

COMPUTER SCIENCE

Java & Internet Programming

Paper : 6.2 BSc604CS

Time : 3 Hours

Maximum Marks : 80

Instruction to Candidates:

Answer to questions according to Instructions.

PART - I

I. Answer any TEN of the following:

(10×2=20)

1. What do you mean by two stage system in Java?
2. Expand JDK and AWT.
3. What is method Overloading?
4. What is an applet?
5. Write syntax to create object in Java.
6. Define Thread.
7. Mention Java tokens.
8. What is Interface?
9. Mention the types of Inheritance.
10. What is exception handling?
11. What do you mean by multithreading?
12. What is Event handling?

[P.T.O.]



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PART - II

II. Answer any **SIX** of the following:

(6×5=30)

1. Explain in brief the features of Java.
2. Explain the structure of Java program with an example.
3. Explain life cycle of a Thread.
4. Explain Increment and decrement operators in Java.
5. Explain how the vector differs from an array.
6. Develop an applet that receive three numeric values from the user and then displays the largest of three on the screen. Write a HTML page.
7. List the important HTML tags and their functions in Java.
8. What is destructor? Explain.

PART - III

III. Answer any **THREE** of the following:

(3×10=30)

1. Explain life cycle of a Thread in Java.
 2. Explain exception handling in detail.
 3. Write a Java program to illustrate inheritance in Java.
 4. Explain Looping statements in Java.
 5. Write a note on Interfaces.
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B.Sc. VI Semester Degree Examination, September - 2021

COMPUTER SCIENCE

Data Communication and Computer Networks

Paper : 6.2

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates : All sections are compulsory.

SECTION - A

I. Answer any **ten** of the following. (10×2=20)

1. Define Data communication.
2. Define protocol.
3. List the different layers of OSI model.
4. What are signals? Name the types of signals.
5. What is Noise and Attenuation?
6. What is Switching?
7. List the different transmission modes.
8. What is MAC address?
9. What is Pure ALOHA?
10. Name the guided transmission medias.
11. What is Checksum?
12. What is difference between HUB and Router?

SECTION - B

II. Answer any **Six** (6) of the following. (6×5=30)

1. Explain on TCP/IP model with diagram.
2. Write a note on composite signals?
3. Explain on data rate limits.
4. Explain on unguided transmission modes.
5. Explain on frequency division multiplexing (FDM).

[P.T.O.]



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6. What is Frame? Explain on types of Errors.
7. What is switching? Explain on circuit switching.
8. What are the responsibilities of Data link layer?

SECTION - C

III. Answer any **three** (3) of the following.

(3×10=30)

1. What is protocols? Explain on protocol standards.
 2. Explain on layered architecture of OSI model.
 3. Explain on digital to digital encoding.
 4. Write a note on :
 - a. Noiseless and noisy channels.
 - b. ALOHA.
 5. Explain on error detection and control mechanism.
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B.Sc. VI Semester Degree Examination, September/October 2022
COMPUTER SCIENCE

Paper – 6.2 : BSC602CS : Data Communication and Computer Networks

Time : 3 Hours

Max. Marks : 80

Instruction : All Sections are compulsory.

SECTION – A

I. Answer **any ten** of the following.

(10×2=20)

- 1) Define internet.
- 2) Define protocol.
- 3) Define mesh topology.
- 4) Write two functions of physical layer.
- 5) What are signals ?
- 6) Define full duplex.
- 7) Define redundancy in datalink layer.
- 8) What is framing in datalink layer ?
- 9) Define unguided media with example.
- 10) Define sampling in analog-to-digital conversion.
- 11) Define simple parity check.
- 12) What is line coding ?

SECTION – B

II. Answer **any six** of the following.

(6×5=30)

- 1) Explain addressing with its types.
- 2) Explain packet switching.
- 3) Explain optical fiber in detail.
- 4) Explain characteristics of an analog signals.
- 5) Explain frequency division multiplexing in detail.

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- 6) Explain virtual-circuit network.
- 7) Explain Go-back N ARQ.
- 8) Explain point-to-point control of datalink layer.

SECTION – C

III. Answer **any three** of the following.

(3×10=30)

- 1) Explain different types of networks.
 - 2) Explain analog-to-digital conversion in detail.
 - 3) Explain telephone networks in detail.
 - 4) Explain random access ALOHA in detail.
 - 5) Write a short note on :
 - a) HDLC in datalink layer
 - b) Amplitude shift keying.
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B.Sc. VI Semester Degree Examination, Sept./Oct. 2023

COMPUTER SCIENCE

6.2 : Data Communication and Computer Networks

Time : 3 Hours

Max. Marks : 80

Instruction : All Sections are compulsory.

SECTION – A

I. Answer **any ten** of the following : (10×2=20)

- 1) What is data communication ?
- 2) Define protocol.
- 3) Define redundancy in data link layer.
- 4) Define packet switching.
- 5) Define virtual circuit network.
- 6) What is noise and attenuation ?
- 7) List out layers of OSI model.
- 8) What is checksum ?
- 9) What is line coding ?
- 10) Define digital-to-digital conversion.
- 11) Define block coding.
- 12) Write down the steps involved in conversion from analog-to-digital conversion.

SECTION – B

II. Answer **any six** of the following :

(6×5=30)

- 1) Explain circuit switching network.
- 2) Explain TCP/IP model with neat diagram.
- 3) Explain unguided transmission model.

P.T.O.



- 4) Explain Phase Division Multiplexing in detail (PDM).
- 5) Explain virtual circuit network.
- 6) Explain the working of Datalink layer.
- 7) What is Frame ? Explain types of errors.
- 8) Write a note on composite signals.

SECTION – C

III. Answer **any three** of the following :

(3×10=30)

- 1) Write a note on noiseless and noisy channels.
 - 2) Explain analog-to-digital conversion.
 - 3) Explain datagram networks in detail.
 - 4) Explain telephone network in detail.
 - 5) Explain different types of networks.
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