F–1747

Sub. Code
7DCA1

D.C.A. EXAMINATION, APRIL 2019

Computer Application

FUNDAMENTALS OF COMPUTER AND INFORMATION TECHNOLOGY

(CBCS – 2017 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. Define computer system.

2. What are the Types of Computer?

3. Expand ROM.

4. What is Plotter?

5. What is Application Software?

6. What is Assembler?

7. What is Communication?

8. Explain Optical Transmission Media.

9. List some Browsers?

10. Expand GIS.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe the Generations of Computers.

Or

(b) Explain Micro, Mini and Main frame computers.

12. (a) Write a short note on Types of Memory.

Or

(b) Explain some input devices in detail.

13. (a) Elaborate Programming Languages.

Or

(b) Write a short note on compiler and Interpreter.

14. (a) Discuss about Types Computer Network.

Or

(b) Elaborate ISO/OSI Network Model.

15. (a) Elucidate the Internet Protocols.

Or

(b) Explain Role of IT in different Area.

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Explain the Block diagram of computer system

17. Explain the Secondary Memory.

2 **F–1747**

18. Explain types of Operating Systems.

19. Give details for Network Topologies.

20. Write a brief note on Internet Services.

————————

F–1747

F–1748		Sub. Code
		7DCA2

D.C.A. EXAMINATION, APRIL 2019

Computer Application

WINDOWS AND OFFICE AUTOMATION PACKAGES

(CBCS – 2017 onwards)

Time : 3 Hours　　　　　　　　Maximum : 75 Marks

Part A　　　　　　(10 × 2 = 20)

Answer **all** questions.

1.　List out the common windows items.

2.　What are the categories of office communications?

3.　How to add foot- note and end note in word?

4.　What is mail merge?

5.　Give the procedure to open file in MS Excel

6.　How do you display current date and time in MS Excel?

7.　State one feature of Power Point.

8.　Give two types of text alignment in Power Point presentations.

9.　Give the full form of DBMS.

10.　What is Query?

Part B   (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Discuss the components of windows desktop.

Or

(b) Explain the help option in MS-Office.

12. (a) Explain the method of creating a new document in word.

Or

(b) Explain the steps to create Mail merge in Word.

13. (a) Explain the Excel interface in detail.

Or

(b) How do you edit, delete, move and copy data in Excel? Explain.

14. (a) Explain the method of creating and editing Power Point presentation.

Or

(b) Discuss templates in Power Point.

15. (a) Explain the method of creating and saving a fable in access.

Or

(b) Elaborate the parts of an MS Access Window.

2   **F–1748**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Describe the different options that are available under each menu choice in windows.

17. What are the different ways to create a word document? Explain them.

18. Describe the different editing options available in worksheets.

19. How will you create and manipulate slides in power point?

20. Explain how to create and print reports in Access.

—————

3

F–1748

F–1749	Sub. Code
	7DCA3

D.C.A. EXAMINATION, APRIL 2019

Computer Application

COMPUTER PROGRAMMING WITH C++

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. List the benefits of OOP.

2. Define class.

3. Define Identifiers.

4. What is data type?

5. Define constructor.

6. How to declare friend function?

7. What is binary operator?

8. What is operator overloading?

9. Define pointer.

10. What is inheritance?

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Briefly explain the applications OOP.

Or

(b) How to create and compile the source file in C++.

12. (a) Explain the constants and variables in C++

Or

(b) Describe the scope resolution operator with an example.

13. (a) Write a C++ program to find the biggest of three numbers using default constructor.

Or

(b) Write a C++ program to read and display 3×3 matrix using array.

14. (a) What is function overloading? Explain it with an example.

Or

(b) Briefly explain string manipulation is in C++.

15. (a) Write the differences between runtime and compile time polymorphism

Or

(b) Explain the pure virtual function in detail.

2 **F–1749**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Write a note on object oriented languages and structure of C++ program.

17. Explain different types of control structures in C++

18. Briefly explain the following terms:

    (a) Parameter constructor

    (b) Copy constructor

19. What is type conversion? List and explain different type conversions in C++.

20. Explain different types of inheritances with examples in C++.

————————

F–1750	Sub. Code
	7DCA4

D.C.A. EXAMINATION, APRIL 2019

INTERNET AND WEB DESIGN

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** the questions.

1. What is URL?

2. List the benefits of E_Mail.

3. What is Telnet?

4. What is server?

5. What is web browser?

6. Define markup language.

7. Explain Hypertext.

8. What is an HTML tag?

9. Define object.

10. What is variable?

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Illustrate the differences between internet and Intranet.

Or

(b) Write a short note on E_Mail protocols.

12. (a) Explain the client / server architecture with diagrams.

Or

(b) Briefly explain the functionalities of Message Board.

13. (a) Explain the characteristics of web protocols.

Or

(b) Elucidate the features of search engine.

14. (a) Create a HTML document to display the exam time table in table format.

Or

(b) Write a short note on WYSIWYG design tools for HTML.

15. (a) Explain the following events :

(i) On change

(ii) OnMouseOver.

Or

(b) Explain the branching and looping statements in javascripts.

2 **F–1750**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Explain about the web based E_Mail concepts in detail.

17. What is internet chatting? Explain the types of chatting.

18. What is web site? Explain the publishing procedures in host server.

19. Explain the steps to create a HTML document in Dream weaver.

20. Explain the following terms in javascript :

    (a) Function

    (b) Array

    (c) Event.

————————

3   **F–1750**