1. Perform the following conversions :

   (a) $(1101001)_2 = (?)_{16}$

   (b) $(462.35)_{10} = (?)_8$

   (c) $(F3C7.A)_{16} = (?)_2$

2. Differentiate between algorithm and flowchart.

3. Write any 3 services provided by an operating system.

4. What is the difference between Microsoft Excel and Microsoft Word?

5. Write any three benefits of MS-Access?

Section-B

(Short Answer Questions)

Note : Answer any **one** question out of the following **three** questions. Each question carries 15 marks. Short answer is required. $1 \times 15 = 15$

18001 (CV-III)/2

6. What should be the characteristics of a efficient algorithm?

7. Define operating system. Explain th different types of operating system.

8. Explain the following :

   (a) Control Panel

   (b) Windows Accessories

   (c) Desktop

Section-C

(Detailed Answer Questions)

Note : Answer any **two** questions out of th following **five** questions. Each questi carries 22.5 marks. Answer is requir in detail. $2 \times 22.5 = 4$

9. What do you mean by programmi languages? Differentiate between hig level, assembly and machine language

18001 (CV-III)/3 P.T

12. Explain block diagram of Computer in detail. Also explain types of computers.

13. (i) What is an Assembly language? Explain its advantages and disadvantages over Machine level language.

(ii) Write features of DOS operating system.

18001/4

18001

B.C.A. Examination, Dec

Computer Fundamentals

Office Automation

(BCA-103)

Time : Three Hours]   *[Maximun*

Note : Attempt questions from al as per instructions.

Section-A

(Very Short Answer Questi

Note : Attempt **all** the **five** questi question carries 3 marks. answer is required.

1. Convert the following Nos:

(a) $(F28)_{16} = (?)_{10}$

(b) $(61.3)_{10} = (?)_2$

(c) $(A92H)_{16} = (?)_8$

2. State difference between primary and secondary memory.

3. What are Batch Files in DOS?

4. Write various types of O.S.?

5. State difference between Input and Output device?

Section-B

(Short Answer Questions)

Note : Give short answers to any **two** questions out of the given three questions. Each question carries 7½ marks. $7\frac{1}{2} \times 2 = 15$

6. What is Computer? Explain its characteristics.

7. What do you mean by computer languages? Explain Compiler, Interpreter.

18001/2

8. What is flow chart? Explain Flow symbols.

Section-C

(Detailed Answer Questions

Note : Give answer to any **three** following five questions in det question carries 15 marks. 1!

9. Write features, usage of MS-EXC explain various types of chart Excel.

10. Write short notes on:

   (i) Notepad

   (ii) Status bar

   (iii) Window Application

   (iv) Task bar

   (v) Desktop

11. Write an Algorithm & Flowch the greatest among three Nos

18001/3

A

Printed Pages : 3

(21119)   Roll No. ....

B.C.A.-I Sem.

18001

B.C.A. Examination, November–2019

COMPUTER FUNDAMENTAL AND OFFICE AUTOMATION

(BCA-103)

Time : Three Hours]   [*Maximum Marks : 75*

Note : Attempt questions from **all** sections as per instructions.

Section–A

(Very Short Answer Questions)

Note : Attempt all the **five** questions. Each question carries 3 marks. Very short answer is required.

$5 \times 3 = 15$

1. Convert the following :

    (a) $(101101)_2 = (?)_{10}$

    (b) $(321)_{10} = (?)_{16}$

    (c) $(B23)_{16} = (?)_{10}$

18001   [P.T.O.]

2. Write the full form of the abbreviation given below :

    (a) RAM

    (b) ROM

    (c) LCD.

3. Write any three examples of operating systems.

4. Give the name of components of MS-OFFICE automation software package.

5. Draw a flow chart to explain the concept of information processing.

Section-B

(Short Answer Questions)

Answer any *two* questions out of the following three questions. Each question carries 7½ marks. Short answer is required.   7½×2=15

6. Draw a well labelled diagram of computer system and define each component.

18001

7. Define Operating System and also give s[...] features.

8. What do you understand by Desktop Pu[...] Write any two features of DTP.

Section-C

(Detailed Answer Questions)

Answer any *three* questions out of the follo[...] questions. Each question carries 15 marks. [...] required in detail.

9. Explain any two windows application in c[...] out various features of MS-WINDOWS.

10. Define algorithm and flow chart and [...] algorithm and draw a flow chart to find th[...] circumference.

11. State the difference between :

    (i) RAM and ROM

    (ii) DOS and Windows.

18001

12. Discuss the features provided by :

(i) MS-EXCEL

(ii) MS-ACCESS.

13. Discuss the different types of storage medium in computers. Write the difference of access speed of each type with respect to capacity and type.

18001-4-

---

2. Write the full form of the abbreviation given below :

(a) RAM

(b) ROM

(c) LCD.

3. Write any three examples of operating systems.

G

(21218)

BCA-I Sem.

18001

B. C. A. Examinatio

Computer Fundamentals an

(BCA-103

(New)

Time : Three Hours]

Note : Attempt questions from

instructions.

Section-A

(Very Short Answer

Answer all the *five* questio

3 marks. Very short answer

1. Convert the following :

(a) $(101010)_2 = (?)_{10}$

(b) $(347)_{10} = (?)_{16}$

(c) $(A32)_{16} = (?)_{10}$

---

7. Define Operating System and also

features.

8. What do you understand by Deskt

Write any two features of DTP.

Section-C

11. (a) What is a control panel? Explain its various features. 7½

    (b) What is the role of a task bar? What are its features? Explain. 7½

12. Explain various features of MS-Word. Write down the steps involved in each of the following: 5

    (a) Creating a table and filling it with data. 5

    (b) Checking the spellings of the text entered. 5

13. (a) What are the main features of MS-Excel? 5

    (b) Discuss the role of formulas in MS-Excel? 5

    (c) Explain the three types of addressing modes available in MS-Excel. 5

18001\4

N

(201217)

B.C.A. - I Sem.

18

B.C.A. Examina

Computer Funda

Auto

(BC

(New

Time : Three Hours]

Note : Attempt questi

per instruction.

Sect

(Very Short An

Note : Attempt all th

question carrie

swer is require

1. Write down the binary equivalent of the following: 3
    (i) $(FA3)_{16}$
    (ii) $(777)_8$
    (iii) $(1020)_{10}$

2. Write down the answers for the following:
    (i) $(11010)_2 = (?)_{10}$ 3
    (ii) $(11111)_{16} = (?)_2$
    (iii) $(11111)_2 = (?)_{16}$

3. What are Super Computers? 3

4. What are Batch Files in DOS? 3

5. Explain three most significant features of a word processor. 3

Section : B

(Short Answer Questions)

Note : Give short answers to any **two** questions out of the given **three** questions. Each question carries 7½ marks. 7½×2=15

6. How is data organized in files and directories? 7½

7. What is an algorithm rithm for finding out odd or even.

8. Explain the importar in reference to MS W

Sectio

(Detailed Answ

Note : Give answers to a ing **five** questions carries 15 marks

9. Discuss various type ondary memories.

10. (a) Draw a flowcha numbers.
    (b) What are batch batch file create of an example.