INTERNAL ASSESSMENT 2020

1st sem.

(Fundamentals)

Write any five question

1). Choose the correct answer:

a). One byte is equal to.

1). 4 bits.   2). 6 bits.   3). 16 bits.   4). 32 bits.

b). Storage of 2KB means the following no. of bytes

1). 1024   2).1064   3). 2048   4).2248

c). The operating system manage

1). Disk   2). Memory   3). Processor   4). All the above.

d). Ink-jet printers use which technology.

1). Non-impact   2). Impact.   3). Serial impact.   4). All

e). Storage space in a hard disk is normally measured in

1). Mega byte   2). Bit   3). Byte   4). None

f). All of the following are example of input devices except.

1). Printer.   2). Monitor   3). Optical scanner   4). Plotter

2. Define the following terms:

a). Compiler

b). Interpreter.

c). Assembler.

d). Hardware.

e). Software.

3. a). Differentiate between Application software and System software.

   b). Distinguish between Single user and Multi-user operating system.

4. Explain the following DOS commands with syntax.

   a). XCOPY

   b). FORMAT

   c). Scandisk

   d). Remove directory and create directory

   e). Screen clear and time

   f). Move and dir

5. What is Operating system . Discuss Batch operating system, Multi-user operating system.

6. Write short notes on any four of them:

a). Optical and Hard disk.

b). Plotters and Dot-Matrix Printers.

c). Basic functions of Computers.

d). Real time processing.

e).Micro and Super computer.

1st sem.

(Programming in C)

Write any five question

1. Explain Formatted I/O function in C .

2. Differentiate between Pointer and Variable.

3. Discuss Looping , Jumping & Branching structures in c with example.

4. WAP in C to swap the value of variables.

5. Explain built-in function ? Give example of any four built-in function.

6. WAP in C to sort the elements of an array in descending order.

7. What is structure ? Give difference between Structure and Array.

8. WAP in C to count the number of vowel in a given string.

9. WAP in C using pointer to find the biggest of given three number.

1st sem.

(PC – Package)

Write any five question

1.Define Mail-merge ? Explain with an example.

2. What is Macro ? How a macro is created using Ms-Word?

3. Explain any five elements of margin section of page-setup dialog box in Ms-Word. Differentiate between GUI and CUI?

4. Explain the characteristics of following:

  a). Track change   b). Protection   c). Customize   d). Theme   e).Spelling and Grammer.

5. What is Drop caps in Ms-Word ? Explain with a diagram.

                                        OR

     Explain uses of Header and Footer.

6. What is GUI ? Explain major component of GUI.

7. Describe any four terms:

   a). Template   b). Logical and Mathematical function   c). Multimedia

d). Autotext correct   e). Formula function.

8.a). Describe concept of Data sort. Mention different types of Sorting. Explain with example.

  b). Discuss Ms-Excel function with syntax:

    1). SUMIF   2). RANK   3).ROUND   4). FACT   5).MOD

9. a). What is DBMS ? Explain in brief.

  b). What is spread sheet package ? List out some of it's typical uses.

10. Short notes:

a). Pull on menu and Pull down menu.

b). Icon and Menu.

c). Uses of standard.

d). Task bar and Menu bar.

1st sem.

(PLDT)

Write any five question

1.Write an Algorithm to sort five given numbers in ascending order.

2. What do you mean by structured programming ? Discuss some important characteristics of it.

3. What is Algorithm ? Discuss some important characteristics of Algorithm.

4. What do you mean by Performance analysis ?

5. Draw a flow chart to find out the greatest number among three given numbers.

6. What do you mean by Control structure ? Discuss sequence , selection and iteration with suitable example.

7. Discuss the following programme elements:

a). Variable   b). Data type   c). Array.   D). Function   e). Input and output statement.

8. Draw a flow chart to calculate the area of a rectangle for a given va;ue of length and breadth.

9. Write short notes on the following:

   a). Structured programming.

   b). Features of algorithm.

1st sem.

(Fundamentals)

Write any five question

1.What are the essential components of a computer ? Draw schematic block diagram of a computer showing it's essential components . Discuss function of each component.

2. What do you mean by Computer languages ? Distinguish between low-level and high-level language . Give example of each.

3. Discuss the Multi-programming , Multi-tasking and Multi-user system.

4. Differentiate between :

a). H/W and S/W   b). Compiler , Interpreter and Assembler.

c). RAM and ROM.   d).Magnetic tape and Magnetic disks.

5. Convert the following Binary numbers to it's equivalent decimal numbers:

   a). 1.011   b). 0.0101   c). 1011.0011   d). 0100.11011   e). 110.1101

6. Discuss how data is represented in computer system . What is the max. number of characters, which can be represented by ASCII-7; ASCII-8; EBCDIC ? Discuss it's area of application.

7. What are static and dynamic RAMs ?Discuss their Merits , Demerits and Area of application.

8. a). What is file ? How it is different from commands ?

   b). Discuss the following DOS commands ?

          1). Dir   2). Copy   3). Erase   4). Edit   5). Move

9. Write short notes on the following:

   a). DMA   b). CRT display   c). O.S   d). Optical disk.