HALF YEARLY EXAMINATION, 2017-18
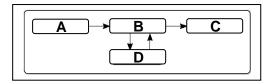## FOUNDATION OF INFORMATION TECHNOLOGY

Time - 3 hrs.   **Class - IX**   **M.M. – 100**

Name of the student _____ *Section* _____ *Date-04.09.2017 (Monday)*

Instruction:
- Attempt all questions.
- Write complete statements.

Q.1   **Fill in the blanks:**   **(1×10=10)**

a) CPU consist of ALU and _____.

b) Popular pointing device is _____.

c) The combination of the _____ keys is used for closing an application.

d) File extension of Writer document _____.

e) Un processed raw facts and figures are known as _____.

f) _____ is a computer application that is used to create, edit, organize and analysis a document.

g) Cut operation places the selected text into an area in the memory called _____.

h) Windows is example of _____software.

i) _____ printers do not use physical impact to transfer characters to paper.

j) Pen drive is also known as _____.

Q.2   **Answer in one sentence.**   **(1×10=10)**

a) How many types of computer software are generally available?

b) Give an example of data.

c) List various types of scanners.

d) What is the combination of IT and biotechnology known as?

e) What is Margin?

f) What happens when you press the Ctrl+Home keys in your document?

g) What is output device?

h) Which programming language uses the least number of lines to write a program?

i) Which shortcut key from the keyboard is used to rename a file?

j) How many types of wildcards are there?

Q.3   **Long answer questions.**   **(2×5=10)**

a) List the factors that affect the performance of a computer.

b) What is a Blu-ray disc? How is it different from a compact disc?

c) List the categories of system software.

d) Mention any five features of the GNU Linux operating system.

e) Write two advantages of the spelling and grammar feature of a word processor.

Q.4   **Application-Oriented Questions.**   **(2½×4=10)**

a) Which software will you use to do the following tasks?

     i) Minimize the fragmentation on the disk

     ii) Compress files

     iii) Create a backup of files

     iv) Edit, format, and print text

     v) Create and manage bulk of data

b) **Classify the following as features or limitations of a computer:**

     i) Computers run at a great speed and process all computations in fractions of seconds.

     ii) Computers are not able to learn from their past experiences.

     iii) Computers are able to perform a task repetitively.

     iv) Computers are machines and, therefore, we need to provide input to make them work.
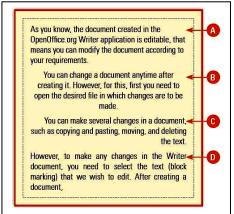
     v) Computers are unable to take decisions on their own.

c) Consider the following figure of IPO cycle.
   Identify A, B, C, and D

d) In the following box, four types of alignment have been applied to four different portions of the text marked A, B, C, and D. Label each portion with the name of alignment that has been applied to it.

Q.5 **Write the full forms of the following acronyms:** **(5)**

  a) PDA   b) CAD   c) ASCII   d) LCD   e) ROM

Q.6 **Multiple Choice Questions :** **(½×10=5)**

a) Which of the following defines a computer system more accurately?

  i) Hardware   ii) Software

  iii) Hardware, software, and data   iv) Data, information, hardware and software

b) Which one of the following can contain files as well as subfolders?

  i) File   ii) Folder   iii) Application   iv) None of these

c) _____ is a sequence of instructions to be executed by the computer.

  i) Program   ii) Language   iii) Command   iv) Flowchart

d) The name comes from the first six letters of the top-left alphabet row (the one just below the numbers) of a keyboard.

  i) Qwerty   ii) Mechanical   iii) Function   iv) Universal

e) Which among the following acts as an interface between a user and computer hardware?

  i) Interpreter   ii) OS   iii) Syntax   iv) Language

f) Which of the following computer systems is used in appliances, such as washing machines and cars?

  i) PDA   ii) Laptop   iii) Embedded Computer   iv) Mainframe

g) Which of the following is a picture that can be displayed on your desktop?

  i) Shortcut   ii) Wallpaper   iii) Top menu panel   iv) None of these

h) Which one is not a non-printing character?

  i) Paragraph mark   ii) Space mark   iii) Blank line   iv) Tab mark

i) Which one is not a component of the Writer window?

  i) Menu bar   ii) Document area   iii) Status bar   iv) Applications menu

j) Which one of the following is a collection of icons representing various operations that can be carried out within an application?

  i) Buttons   ii) Menu   iii) Toolbar   iv) None of these

  PRACTICAL ASSIGNMENT. **(50)**