First Term Test -- 2018

Subject: COMPUTER SCIENCE   Class : 4 A,B,C   F.M. : 30

Duration : 1hr 30mins   Date : 19.04.2018

Group – A

1. Tick (√) the correct options:-   1×3=3

   (a) Which memory is also called the Auxiliary memory?

   i) RAM ☐   ii)ROM ☐   iii) Secondary ☐   iv) None of these. ☐

   (b) This tab shows the current date and time.

   i) Internet time ☐   ii) Additional clock ☐   iii) Date and time ☐

   iv) None of these ☐

   (c) Which memory loses its contents when the power is switched off?

   i) ROM ☐   ii) Secondary ☐   iii) RAM ☐   iv) All of these ☐

2. Fill in the blanks:-   1×3=3

a) A computer understands only _____ language.

b) _____ are images that appear in the background on the Desktop, behind the icons.

c) We can go to any software that is loaded on our computer through the _____ button.

Group – B

1. Answer the following questions:-   (1+3+3+3=10)

a) Explain the different views of the Control Panel windows.   1+1+1=3

b)   What is Data and Information ?Give examples.   2+1=3

c)   Write the full forms of the following acronyms.

     (i)PROM   (ii) EPROM   (iii) USB   (iv) DVD   1+1+1+1=4

Group – C

2.   Answer the following questions:-   (14)

    a) What are the specific features of Windows 7.   4

    b) Write the major characteristics of a Computer.   5

    c) What is Computer Memory? Classify it.   2+3=5

ST. LAWRENCE HIGH SCHOOL

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Group – A

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   (c) Which memory loses its contents when the power is switched off?

   i) ROM ☐   ii) Secondary ☐   iii) RAM ☑   iv) All of these ☐

2. Fill in the blanks:-   1×3=3

   a) A computer understands only <u>binary</u> language.

   b) <u>Wallpapers</u> are images that appear in the background on the Desktop, behind the icons.

   c) We can go to any software that is loaded on our computer through the <u>Start</u> button.

Group – B

3. Answer the following questions:-   (1+3+3+3=10)

                                                             1+1+1=3

   a) Explain the different views of the Control Panel windows.

   Ans) The Control panel offers three different views –

   Category view- In this view, individual tools are displayed in a list of eight categories.

Large Icon View- In this view, individual tools are displayed in large icons.

Small Icon View- In this view, individual tools are displayed in large icons.

b)   What is Data and Information ? Give examples.   2+1=3

Ans)   Data – Unorganized facts that needs to be processed.

Example – Individual marks obtained by   students of a class in a test.

Information – Processed data is called information.

Example – the marks obtained by students arranged in an increasing or decreasing order.

c)   Write the full forms of the following acronyms.   1+1+1+1=4

    (i)PROM – Programmable Read Only Memory.

    (ii) EPROM– Erasable Programmable Read Only Memory.

    (iii) USB – Universal Serial Bus.

    (iv) DVD – Digital Versatile Disc

Group – C

4.Answer the following questions:-   (14)

a)   What are the specific features of Windows 7.   4

Ans) Some of the specific features of Windows 7 are:

- It is a Graphical User Interface (GUI)

- It is very easy to use

- It has a smart new look.

- It is highly user-friendly

- It takes very little time to start

- It supports high definition games.

- It supports multitasking

b) Write the major characteristics of a Computer.   5

Ans) The major characteristics of a computer are as follows:

- Speed – a computer only takes few seconds for calculation

- Accuracy – a computer gives highly accurate results.

- Diligence – a computer can work for hours without getting tired or committing errors.

- Versatility – computers can perform different types of tasks with same ease.

- Storage – a computer has a built in memory to store a large amount of data

What is Computer Memory? Classify it.   2+3=5

A Computer memory is used to store information and data in the Computer.

Ans) The memory of a computer is of three types – cache memory, primary memory and secondary memory.

Cache memory – it is a very high speed memory which is used to speed up CPU. It acts as a buffer between CPU and main memory. It is used for holding those parts of data and programmes which are frequently used.

Primary memory – this is also known as the internal or the main memory of the computer, that the computer uses for it's internal function. A computer will not run without this memory. It is further divided into two parts, RAM (Random Access Memory) and ROM (Read Only Memory)

Secondary Memory – in order to store the large amount of data permanently, some other means of data storage are required. For this, data storage devices are used. They are called Secondary Memory, Auxiliary Memory or External memory.