

CIT206 noun PQ

A scalar matrix in which each diagonal element is 1 is called  
Unit matrix

A declarative sentence which is either true or false is called a \_  
Sentence (statement)

\_ is that a set is an unordered collection of objects.  
Set

A square matrix in which all elements are zero except those in the main  
or principal diagonal is called\_  
Diagonal matrix

An element  $a \in B$  is \_\_\_\_\_ of  $B$  if  $a \neq 0$  and  $a \wedge b = a$  for all  $b \in B$  with  $b \neq 0$ .  
an atom

Sets  $X$  and  $Y$  are said to be \_\_\_\_\_ sets, if they have no element in common  
disjoint

Let  $A = \{1, 2, 4, 5, 6\}$ ,  $B = \{2, 3, 4\}$ . Then  $A \setminus B$  is \_\_\_\_\_  
 $\{1, 5, 6\}$

Given matrix  $A = \begin{pmatrix} 2 & -1 & 4 & 3 \end{pmatrix}$  and  $B = \begin{pmatrix} -1 & 1 & -2 & -4 \end{pmatrix}$  Find the product of matrices  $A$  and  
 $B$ .  
 $= \begin{pmatrix} 0 & 2 & 1 & 0 & 1 & 6 \end{pmatrix}$

A square matrix in which all elements are zero except those in the main  
or principal diagonal is called \_\_\_\_\_  
a diagonal matrix

If  $\neg P \vee Q$  and  $P \rightarrow Q$  either both true or both false for whatever values of  
 $P$  and  $Q$ . We therefore say these statements  $\neg P \vee Q$  and  $P \rightarrow Q$  are \_\_\_\_\_  
logically equivalent.

A Computer system consists of the following expect  
Lab

The CPU on the graphic adapter of an image processing computer system is  
known as \_\_\_\_\_  
Graphic processing unit

\_\_\_\_\_ is a software that interfaces between system hardware, application  
software and the users  
Utility software

Which of the following is not a Personal Computer?  
SuperComputer

Which of the following is not a classification of computer software  
None of the above

The \_\_\_\_\_ unit houses all the internal components of a computer system  
System

transistors were used as the major switching devices in  
Second generation computers

The contents of \_\_\_\_ can be erased or rewritten several times.  
CD-RW

Examples of some input devices include all except  
Visual Display Unit