

KENDRIYA VIDYALAYA NEW CANTT ALLAHABAD
PERIODIC TEST- I
SUBJECT:INFORMATICS PRACTICES
CLASS XI
SESSION 2017-18

MM:50

TIME:90MIN

Q1:Give the answers of the following:

- a) Differentiate between the compiler and interpreter. 2
- b) Draw a block diagram of the main units of a computer hardware system. Also write the five major functions of the computer. 2+1
- c) Categorize the following devices under the Output and Input Devices and also explain them . 1*5
(i)OCR (ii)BAR CODE READER (iii) LASER PRINTER (iv)BIOMETRIC SENSORS (v)PLOTTER

Q2:Give the answers of the following:

- a) What do you mean by communication bus? Write the functioning of all the communication buses. 8
- b) 1 KB(Kilo Byte) = _____ 2
1 MB(Mega Byte) = _____
1 GB(Giga Byte) = _____
1 TB(Tera Byte) = _____

Q3:Give the answers of the following:

- a) How can you declare the variable in JAVA for the following:- 2
(i) If you want to store the employee no. of an employee.
(ii) If you want to store the name of an employee.
- b) Differentiate among the following: 2*3
i)RAM & ROM ii)RJ 45 Port & RJ11 Port iii)Serial Port & Parallel Port
- c)Is Java case sensitive? If yes then explain it also. 2

Q4:Give the answers of the following:

- a)Design a GUI application to calculate the Amount as given below .The values for Price and Quantity will be taken by the user. 4



- b) Design a GUI desktop application in java to accept weight in Kilograms in a text field and convert it into grams and milligrams on the click of two separate buttons. Display the result in a second text field. The application must have an exit button to end the application and appropriate labels. 4
- c)What are the keywords? 2

Q5:Give the answers of the following:

- a)What is a Computer? 2
- b)Give the names of four secondary storage devices and also explain any three of them. 8