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KENNEDY INTERNATIONAL RESIDENTIAL SCHOOL
Kanuru , Vijayawada-520 007
WEEK-END EXAMINATION PAPER(Outside Delhi)
CLASS XI

Time: One Hour *COMPUTER SCIENCE* Max Marks : 30

GENERAL INSTRUCTIONS :

(i) All questions are compulsory.
(ii) Programming Language : C++.

1.(a)If the file iostream.h is not included in a program ,what happens? 2

(b)Write the Names of the header files to which the following belong: 1

(i) main( ) (ii) getch( )

(c)Rewrite the following program after removing the syntactical error(s) (if any). Underline each correction. 2

```
#inclued<iostream.h>
Void main( )
{
clrscr( );
Int totDays, Years , Weeks , days , Num1;
cout<<"Enter total no. of days:"
Cin>.totdays;
Years = totalDays/365;
Num1 = totdays – (years * 365)
Week = Num1/7;
Days = Num1 – (Weeks * 7);
cout<<"Years = "<< years<<","<<"Weeks = "<<Week<<","<<"Days = "<<days<<"/n";
getch( )
}
```

(d)Find the output of the following program : 3

```
void main( )
{
 int X = 5 , Y = 5;
 cout<<X=X + 1;
 cout<<",";
 cout<< X – 1 = X;
 cout<<",";
 cout<<Y = Y – 1<<","<< -Y;
}
```

(e)Find the Out put of the following program : 2

```
int a = 5 , b = 2;
float f = float (a / b);
cout<<f<<" = "< <float(a / b);
```

(f)In the following program, find the correct possible output(s) from the options : 2

```
int a = 300 , b = 0 , c = 0;
if(a > = 400)
{
        b = 300;
        cout<< a << b << c;
}
```

(i)300 0 0 (ii)400 0 0 (iii) 0 0 700 (iv) None of these

2.(a)What is the difference between a keyword and an identifiers ? 2

(b)Answer the questions (i) and (ii) after going through the following program : 2

```
#include<iostream.h>
#include<conio.h>
void main( )
{
clrscr( );                          //statement 1
int X = 5 , Y = 5;
cout<<"X = X + 1;
cout<<",,"
cout<<X+1 = X;
cout<<",";
cout<<"Y = Y + 1<<","<<Y + 1 = Y;
getch( );                           //statement 2
}
```

(i) What is the difference between statement 1 and statement 2 Functions?

(ii) Why is function main( ) special ?What would happen if main( ) is not present in the program?

(c)Write a program students Mark list in C++ with the following descriptions : 4

R_NO	of type integer
S_Name	of type string
F_Name	of type string
Class	of type char
D_o_B	of type integer

E_ng of type integer
M_at of type integer
P_hy of type integer
CH_E of type integer
C_S of type integer
Tot_al of type integer
A_VG of type integer
A function getch( ),which displays the output at execution time only.

3.(a)What is the difference between compiler and interpreter? 2
(b)Convert 72905 base 10 to hexa decimal? 2
(c)Convert 0.015625 base 10 to Octal? 2
(d)Expand the following terms :
(i) OS (ii)OMR (iii)HLL (iv)PB 2
(e)Which of the following does not represent an I/O device ? 1
(a) Speaker which beep (b) Plotter
(c) Joystick (d) ALU
(f)Arrange the following in order of smaller to bigger unit : 1
Giga Byte, Bit, Kilo Bite, Byte, PB, Mega Bye, Nibble, Tera Byte ,