**Final Examination – 2075**

**Class:-IX Time: 1 Hour 30 min. Full Marks: 50**

**Subject: Computer**

**Examinees are required to answer in their own words as far as practicable. Credit shall be given to clarity and originality, not rote learning.**

**Attempt all the questions.**

**Group “A” Computer Fundamental (22 Marks)**

1. **Write short answers the following question. [5 X 2=10]**
2. What is primary memory? Name any two primary memory of computer.
3. Draw a block diagram (internal architecture) of computer system.
4. Write any two functions of Control unit?
5. Difference between Impact and Non-Impact printer.
6. Difference between Hard copy output and Softcopy output.
7. **Write down the full form of:- [4 X 0.5=2]**
8. HDD ii. WIFI iii. BIT iv. EDSAC
9. **Write the technical terms for the following. [4 X 0.5=2]**
10. It is volatile primary memory of computer.
11. The output cannot be changed easily.
12. Software is designed to solve the particular kind of task in the computer.
13. To perform mathematical and logical operations.
14. **Match the Following: [4 X 0.5=2]**

**Group A Group B**

Pen drive ABC

Monitor Soft copy Output

John V. Atanasoff Binary Digit

BIT Hard copy output

Storage device

1. **State whether the given statements are true or false. [4 x 0.5=2]**
2. Mark I was invented by Howard Aiken.
3. Thermometer is an example of Digital Computer.
4. Ram and ROM both are volatile memory.
5. Joystick is the most popular output device for playing computer games.
6. **a) Convert the following as indicated: [2 X 1=2]**

i)(101101)2 into Octal ii) (732)8 into Decimal

**b) Perform the following binary calculation. [2 X 1=2]**

i)(101101)2 ÷ (101)2 ii) (1101)2 + (1011)2

**Group: B [HTML =11]**

1. **Write the HTML Code for following table. [1 X 3=3]**

**Mark-Sheet**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Roll** | **Name** | **Nepali** | **Math** | **Total** |
| 1 | Hari Parsad B. | 85 | 60 | 85 |
| 2 | Kumar Khadka | 55 | 55 | 80 |

1. **Answer the following questions. [3 X 2=6]**
2. What do you mean by web page and web Site.
3. What are attributes of <IMG> tag and <BR> tag.
4. What is web browser? List any four popular web browsers.
5. **State whether the following statements are true or false: 4 x0.5=2**
6. HTML allows linking to other HTML documents as well as images.
7. LOOP attributes sets the number of times between each successive scrolling of the center alignment.
8. The CENTER element uses <CENTER> ….. </CENTER> tag to move the text to the center alignment.
9. ALINK attribute defines the color of the links as it is being clicked.

**Group: C [Programming Concept =17]**

1. **What is looping? 1**
2. **Debug the following program. 2**

DECLARE SUB fibonic()

REM \*Fibonic Series \*

CALL SUB Fibonic

END

SUB Fibonic

a=1

b=1

For x= 1 to 10

DISPLAY a;

a=a+b

b=a+b

END Fibonic

1. **Write down the output of the following program. 2** DECLARE FUNCTION CUB(N)

CLS

FOR I=1 TO 4

READ N

S=S+CUB(N)

NEXT I

PRINT "Result is";S

DATA 1,1,2,3

END

FUNCTION CUB(N)

CUB=N^3

END FUNCTION

1. **WAP to input a number and find out the number is Armstrong or Not using Function END Function. 3**
2. **WAP to print the following Fibonacci Series 2, 2, 4, 6,…………….. 12th terms using SUB-END SUB. 3**
3. **WAP allows a user to input temperature in Fahrenheit and display temperature in Celsius using Function End Function [ C=5/9 \* (f-32). 3**
4. **WAP to input a String and find out the String is reverse order using SUB-END SUB. 3**

**Good Luck!!**