



## 3055 BA SANGAM COLLEGE

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### WORKSHEET 21

School: Ba Sangam College

Year / Level: 13

Subject: Computer Studies

Name of Student: \_\_\_\_\_

STRAND	CE 13.3 APPLICATION PACKAGES
SUB STRAND	CE 13.3.2 PROGRAMMING
CONTENT LEARNING OUTCOME	CE 13.3.1.2 ANALYZE AND CONSTRUCT PROGRAMS USING PROGRAMMING SKILLS LEARNT FROM C++

### REVISION QUESTIONS

FY13CE 2018

#### SECTION A : MULTIPLE CHOICE

17. Which of the following commands is used to print the given data on the screen?
- A. Int
  - B. Cin
  - C. Cout
  - D. Return
18. An example of a valid variable name in C++ programming is
- A. intcall.
  - B. \_mycall.
  - C. 8mycall.
  - D. &mycall.
19. Which of the following data types would store the decimal value -3.06?
- A. Int
  - B. Dec
  - C. Char
  - D. Float

Study the program given below and answer **question 20**.

```
cout << "Enter your mark please"<<endl;
cin>>mark;
if (mark >=300)
    cout << "You are eligible for the Toppers scholarship"<<endl;
else if (mark >=200)
    cout << "You are eligible for the Tertiary loan scheme"<<endl;
else
    cout << "You may apply for Bridging courses"<<endl;
```

20. What would be the output if a student enters a mark of 250?

- A. You are eligible for the Toppers scholarship
- B. You are eligible for the Tertiary loan scheme
- C. You may apply for Bridging courses
- D. You have failed

### SECTION C: QUESTION 5

(c) Study the program shown below and answer the question that follows.

```
#include <iostream.h>
#include <stdlib.h>

int main ( )
{
    int count;

    count = 0;

    while (count < 4 )
    {
        cout << "Hello"<<endl;
        cout = count + 1;
    }
    system ( "Pause");

    return 0;
}
```

Write the output if the program is executed.

**(2 marks)**

**FY13CE 2019**

**SECTION A: MULTIPLE CHOICE**

Study the program given below and answer **question 17**.

```
#include <iostream>
#include <stdlib.h>

int main()
{
float mark;
    cout<<"Enter the mark scored: ";
    cin>>mark;
    if (mark >= 50)
        {
            cout<<"Congratulations. You have Passed."<<endl;
        }
    else
        cout<<"Better luck next time. You have Failed."<<endl;
    system("pause");
}
```

17. What would the output if the student enters a mark of 50?
- A. Better luck next time. You have Failed.
  - B. Congratulations. You have Passed.
  - C. Enter the mark scored
  - D. Invalid mark

18. Which C++ word is used to read information from the keyboard?
- A. cout
  - B. cin
  - C. return()
  - D. int main()
19. Which of the following keywords is used to declare the header file?
- A. string
  - B. exclude
  - C. include
  - D. namespace
20. Which looping process is best used when the number of iterations is known?
- A. For
  - B. While
  - C. Do-Until
  - D. Do-While

#### **SECTION C: QUESTION 5**

- (e) Study the program shown below and answer the question that follows.

```
#include <iostream>
using namespace std;

int main ()
{
int x,y;

x = 10; y = 40;
    if (x >= 10) {
        if (y < 40) {
            y++;
        }
    } else {
        y--;
    }
    cout << x << " " << y << endl;

return 0;
}
```

State the **output** of the program.

**(2 marks)**