



بنك الأسئلة الخاص بمقرر البرمجة -1
لطلاب كلية الحاسب الآلي ونظم المعلومات

Name of student: _____ ID: _____ Sr. No. _____

Q.1 Select the correct option of your choice from the followings: (5*1=5 Marks)

i. Which of the following is used to give tab space between two words.

- (a) \t (b) \
- (c) /t (d) None of the above

ii. Output Statement uses the operator with “cout”

- (a) > (b) >>
- (c) << (d) @

iii. Statement in c++ should end with_____.

- (a) ; (b) :
- (c) , (d) .

iv. Single-line comment uses:

- (a) \ (b) //
- (c) /* (d) *\

v. _____ conditional operator is ternary operator it takes three operands.

- (a) ? : (b) >>
- (c) /* (d) #

Q.2 Define the following terms.

(2*2=4 Marks)

- (i) Block in C++ language.

.....

.....

.....

.....

- (ii) High Level Language.

.....

.....

.....

.....

.....

Q.3 Find out errors in the below given program?

(2*3=6 Marks)

(i) `#include<iostream`
`#include<conio.h>`
`using namespace std;`

`void main();`
`{`
`int n,sqr,cub`
`cout<<"Enter the number : ";`
`cin>>n;`
`sqr=n*n;`
`cub=n*n*n;`
`cout<<"\nSquare="<<sqr;`
`cout>>"\nCube="<<cub;`
`getch();`
`}`

Answer:

.....

.....

.....

.....

```
(ii) #include<iostream>
      include<conio.h>
      using namespace std;
      void main()
      {
        int i;

        for(i=1; i<=10, i++)
        {
          cout<<i<<endl;
        }

        getch();
      }
```

Answer:

.....

.....

.....

.....

.....

.....

.....

.....

Q.4 Write a Program to find the greatest of three numbers. (5*1=5 Marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

******* Good Luck *******

Midterm exam - Academic Year 1434 – 1435 H

Name: _____ Id: _____ Group: _____

Q-1> Multiple Choice Questions: (5 Marks)

a) Which of the following is conditional operator?

(a) ? (b) == (c) & (d) >=

b) Which of the following is a pictorial representation of an algorithm?

(a) Gnat Chart (b) Pareto Chart (c) Flowchart (d) None

c) Which of the following statement add 1 to the variable X?

(a) X_{++} (b) $X=X+1$ (c) $X_{+=1}$ (d) All

d) Which of the following is not a repetition statement?

(a) While (b) For (c) Do-While (d) IF

e) Which of the following is not a Control Structure?

- (a) Sequence (b) Selection (c) Repetition (d) Counter

Q-2> Fill in the blanks:

(3 Marks)

a) Every C++ program must have a function called _____.

b) Object _____ is used to print the output on the screen.

c) _____ repetition is called indefinite repetition.

Q-3> Write the output of the following program.

(2 Marks)

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

```
Using namespace std;
```

```
void main()
```

```
{
```

```

        int k;

        for (k=1; k<=5; k++)

            cout<< 5*k<<endl";

    }

```

Ans: _____

Q-4> Rewrite the errors in the following program.

(2 Marks)

```

#include<<iostream.h>>

void main( )
{

    int a, b, sum:

    cout<<"Enter value of a :">>;

    cin>>a;

    sum = =a + b;

```

```
cout<< "Value of a and b : " sum;  
return 0;
```

```
{
```

Ans: _____

Q-5> Subjective Questions (Definitions)

(4 Marks)

a) What is Selection Structure?

Ans: _____

b) What is a Counter-Controlled repetition?

Ans: -----

Q-6> Write Programs

(4 Marks)

a) Write a C++ program to print the number from 1 to 10 using Do-While loop.

Ans: -----

b) Write a C++ program to calculate student grades.

Ans: -----

KINGDOM OF SAUDI ARABIA

MINISTRY OF HIGHER EDUCATION

JAZAN UNIVERSITY, JAZAN

Collage of Computer and Information Systems
نظم المعلومات



المملكة العربية السعودية

وزارة التعليم العالي

جامعة جازان

كلية الحاسب الآلي و

Student Name :

Group :

Preparatory Year

Subject : Programming in C++

011

Exam Day :

1435H

Exam Duration: 2 Hours

Student ID :

Level :

Code : Comp -

Exam date : - -

Student Answer Sheet

Fall Term ☐

Spring Term ☐

Academic Year :

MARKS DISTRIBUTION

SECTION - A		SECTION - B		SECTION - C		Total (in words)
1		9		14		
2		10		15		
3		11		16		
4		12				
5		13				

6				Total (in Numbers)
7				
8				
TOTAL	A:	B:	C:	
CLASS WORK (OUT OF 60)				
GRAND TOTAL (OUT OF 100)				
Question Paper approved by : (signature with Date)				
Course Coordinator	Track Leader	Exam Committee - 1	Exam Committee - 2	QAU Exam Evaluator
Note : This question Paper <u>is not Eligible</u> for printing <u>if not signed</u> by any of above signatures				
Invigilator	Examiner	Reviewer	Department Coordinator/Head	

Note: All questions are compulsory. Please use the left side blank sheet for extra work

Q.1. Answer the following questions
Marks]

[2*3=6

i. Define keyword with example.

ii. Define while repetition statement.

Q.2 Multiple Choice Questions:
Marks]

[10*1=10

i. How many times the statements “ for (; ;) ” will execute?

- (a) 10 (b) 1 (c) 0 (d) infinite
- times

- ii. **The Preprocessor directives begin with _____.**
 (a) @ (b) # (c) * (d) \$
- iii. **Every statement in C++ should end with _____.**
 (a) ; (b) : (c) " (d) >>
- iv. _____ **is English like representation of the code.**
 (a) Flowchart (b) Algorithm (c) Program (d) Pseudo code
- v. **C++ is an example of _____ languages.**
 (a) Assembly languages (b) Machine languages (c) High level languages (d) All of the above

```

1 | Programming in C++
   | 1434-1435 H

```

- vi. _____ **is a conditional operator.**
 (a) == (b) ? : (c) >> (d) +=
- vii. **The expression "count += count" is equivalent to _____.**
 (a) count++ (b) count + (c) count - - (d) None of these
- viii. **A set of statement contains within a pair of braces it called -----**
 (a) command (b) comment (c) block (d) flowchart
- ix. **Do While loop is considered as ----- repeat ion**
 (a) Counter-controlled (b) not Counter-controlled
 (c) output function (d) input function
- x. **The function that print output for the user is _____.**
 (a) cin>> (b) cin<< (c) cout<< (d) cout>>

Q.3. Write the following Programs:
[2*5=10 Marks]

i. Write a program using if else statement to find out the result of a student based on the following conditions:

- If the grade is greater than 75 then Display "Distinction"
- If the grade is greater than 60 and less than 75 then Display "Pass"
- If the grade is less than 60 then Display "Fail"

2

Programming in C++
1434-1435 H

- ii. Write a program using switch statement to Display the name of a day of the week when a user enters a number between 1 and 7, otherwise display incorrect entry.

3

Programming in C++
1434-1435 H

Q.4. Find out the syntax errors in the following codes and rewrite the correct code:

[2*4=8

Marks]

i. `include <iostrea>`
`using namespace std;`
`void main( )`
`{`
`int x,y`
`cout<< "enter two integer";`
`cin>>x>y;`
`if(x==y`
`cout<<x<< "=="<<y;`
`return 0;`


```
ii. #include <iostream>
    using namespace std;
    void min()
    {
        int c=0;
        while(c<= 10
        {
            c++;
            cout<<"\n";
        }
```

4

Programming in C++
1434-1435 H

--

Q.5. What will be the output of the following code?
Marks]

[2*3=6

i. #include <iostream>
 using namespace std;
 int main()
 {
 int counter=6;
 do

```

    {
        cout<<counter<<" ";
        counter++;
    }
while (counter<=5);
}

```

5

Programming in C++
1434-1435 H

ii. #include <iostream>
using namespace std;
void main()

```
{
    for (int x=10; x>=2; x-=2)
        cout<<x<<"\n ";
}
```

I. Multiple Choice Questions

1. Which of the following is a condition that will test whether the value in the integer variable num is even or not?

(a) $(\text{num} \% 2 == 0)$ (b) $(\text{num} / 2 == 0)$

6

Programming in C++
1434-1435 H

(c) $(\text{Num} \% 2 == 1)$ (d) None of the above.

Ans: A

2. Which of the following is a control structure?

(a) Sequence structure. (b) Repetition structure.
(c) Decision structure. (d) All of the above.

Ans: D

3. How many times will the following while loop print "Hello"?

```
int i=1;
while(i<=13)
cout<<"hello";
```

(a) 10 (b) 8
(c) 0 (d) An infinite number of times

Ans: D

4. What will be the first and last values of i after execution of following loop?

```
n=20;
for(i=0;i<n;i++)
cout<<i<<endl;
```

(a) 0 and 19 (b) 1 and 19
(c) 0 and 20 (d) 1 and 20

Ans: B

5. What will be the output of the following code?

```
#include<iostream.h>
void main()
{
    int x=0;
    if(x>=0)
        x=x+5;
    if(x>=5)
        x=x+4;
}
```

(a) 7 (b) 5
(c) 9 (d) None of the above

Ans: A

6. To set the value of a variable before any processing occurs, you _____ the variable.

- | | |
|----------------|--------------|
| (a) construct | (b) iterate |
| (c) initialize | (d) increase |

Ans: C

7. In _____ sort, the smallest item from the unsorted list is swapped with the item at the beginning of the unsorted list.

- | | |
|---------------|----------------------|
| (a) selection | (b) bubble |
| (c) insertion | (d) all of the above |

Ans: A

8. Norwegian, Farsi and Russian can be classified as _____ language.

- | | |
|----------------|--------------|
| (a) machine | (b) symbolic |
| (c) high level | (d) natural |

Ans: D

9. _____ is a program designed to teach programming to novices that emphasizes the structured programming approach.

- | | |
|------------|------------|
| (a) C++ | (b) C |
| (c) Pascal | (d) Scheme |

Ans: C

10. A _____ language uses the traditional approach to programming and is also referred to as an imperative language.

- | | |
|-----------------|---------------------|
| (a) procedural | (b) functional |
| (c) declarative | (d) object oriented |

Ans: A

11. _____ is an English like representation of the code.

- | | |
|---------------|----------------|
| (a) Flowchart | (b) Algorithm |
| (c) Program | (d) Pseudocode |

Ans: D

12. The standard data type _____ describes a number without a fractional part.

- | | |
|-----------|------------|
| (a) float | (b) double |
| (c) int | (d) char |

Ans: C

13. C, C++ and Java can be classified as _____ languages.

- | | |
|--------------|----------------|
| (a) symbolic | (b) machine |
| (c) natural | (d) high level |

Ans: D

14. _____ is a basic algorithm that adds a list of numbers.

- | | |
|--------------|---------------|
| (a) smallest | (b) summation |
| (c) product | (d) largest |

Ans: C

15. The _____ constructs handles repeated actions.

- | | |
|-----------------|----------------|
| (a) sequence | (b) decision |
| (c) declarative | (d) repetition |

Ans: D

16. For insertion sort, $n - 1$ passes are needed to sort the data.

- | | |
|---------------|------------|
| (a) selection | (b) bubble |
|---------------|------------|

- (c) insertion (d) all of the above
Ans: D
17. Iteration is a process in which as algorithm calls itself.
 (a) insertion (b) recursion
 (c) iteration (d) searching
Ans: B
18. HTML, PERL and SQL fall under the classification of modern language.
 (a) special (b) object oriented
 (c) declarative (d) modern
Ans: A
19. In C++, _____ is the hiding of data and operations from the user.
 (a) encapsulation (b) inheritance
 (c) modularity (d) polymorphism
Ans: A
20. LISP is a(n) functional language.
 (a) object oriented (b) procedural
 (c) declarative (d) functional
Ans: D
21. The only language understood by computer hardware is a _____ language.
 (a) symbolic (b) machine
 (c) high level (d) nautral
Ans: B
22. _____ languages are also known as assembly languages.
 (a) symbolic (b) machine
 (c) high level (d) nautral
Ans: A
23. The software used to write a program is called a _____.
 (a) source file (b) preprocessor
 (c) translator (d) text editor
Ans: D
24. A popular object oriented language is _____.
 (a) LISP (b) C++
 (c) COBOL (d) FORTRAN
Ans: B
25. A standard data type in the C++ language is _____.
 (a) char (b) int
 (c) float (d) all of the above
Ans: D

II. Write C++ statements to accomplish each of the following tasks

1. Assign the value 250 to the double variable sum.

Ans: double sum=250;

2. Display the value of integer variable sum on the screen.

Ans: `cout<<sum;`

3. Declare a constant named PIE with the value 15.

Ans: `const float pie=15;`

4. Display the values between 1 and 10 on the screen.

Ans: `for(i=1;i<=10;i++)
cout<<i;`

5. The function reads a single character from the user.

Ans: `getch()`

6. Write the equivalent increment statement of `count = count + 1`

Ans: `count++;`

7. Write the escape sequence for carriage return.

Ans: `"\r"`

8. Write the equivalent assignment operator of `x = x + 5`

Ans: `x+=5;`

9. Write the syntax of for loop.

Ans: `for(assignment statement;test expression;increment operator)`

10. Write a statement using AND logical operator.

Ans: `if(age>30&&age<65)`

11. Write a statement using OR logical operator.

Ans: `if(basic>2500||salary<5000);`

12. Write a statement using NOT logical operator.

Ans: `if(!(grade>50))`

13. Write a statement to test equality.

Ans: `if(y%2==0)`

14. Write the syntax of do while loop.

Ans: `do{statement} while(expression)`

15. Write a statement to initialize array.

Ans: `int mm[5]={4,55,3,65,9};`

III. Define

1. What is high level language.

Ans: High-level languages is a language that allow programmers to write instructions that look almost like everyday English and contain commonly used mathematical notations

2. What is compiler.

Ans: A compiler is a Translator program that convert high-level language programs into machine language.

3. Define the term algorithm.

Ans: A procedure for solving a problem in terms of

1. The action to execute
2. The order in which the actions execute

is called an algorithm.

4. Define for loop, with example?

Ans: For repetition statement specifies the details (initialization, loop test condition, increment or decrement) in a single line of code.

Example: for (int i=1; i<=10; i++)
 cout<< i<<endl ;

5. Define the term Keyword.

Ans: A keyword is a word in a code that is reserve by C++ for a specific use.

Example: int, char, if, else, switch, while etc.

6. What is Block in c++ language.

Ans: A set of statement contain within a pair of braces ({ and }) is called a compound statement or Block

7. What is unary operator, explain with example.

Ans: A unary operator is an operator that applies only a single variable.

Example: ++a (Preincrement), (postincrement) a++, etc

8. Define the break statement with example.

Ans: A break statement is used to terminate a control statement's execution

Example: switch(day)
{
 case 1:
 cout<<"Saturday";
 break;
}

9. What is logical AND and logical OR.

Ans: Logical AND(&&) operator is used when we wish to ensure that two conditions are both true before we choose a certain path of execution.

Logical OR (||) operator is used when we wish to ensure at some point in a program that either or both of two conditions are true before we choose a certain path of execution.

10. What is Function in C++, Give an example.

Ans: Functions allow the programmer to modularize a program by separating its tasks into self-contained units.

Example: int square()
 {
 cout<<"square of integer"<< a;
 return a*a;
 }

IV. Find out the syntax errors in the following codes and rewrite the correct code:

Q.1 `include<iostream>`
 `void main()`
 `{`
 `cout<< my name is .....";`

Ans: `# include<iostream>`
 `void main()`
 `{`
 `cout<< my name is “ .....”;`
 `}`

Q. 2: `#include<iostrea>`
 `void main()`
 `{`
 `int x,y`
 `cout<<"enter two integer";`
 `cin>>x>y;`
 `if(x==y)`
 `cout<<x<<"=="<<y;`
 `}`

Ans: `#include<iostream>`
 `void main()`
 `{`
 `int x,y ;`
 `cout<<"enter two integer";`
 `cin>>x>>y;`
 `if(x==y)`
 `cout<<x<<"=="<<y;`
 `}`

Q.3: `#include<iostream>`
 `void main()`
 `{`
 `Int grade;`
 `std:cin>>grade;`
 `If grade>=60`
 `cout << "passed";`
 `else`
 `cout << "fail";`
 `}`

Ans: `#include<iostream>`
 `void main()`
 `{`
 `Int grade;`

```

std: : cin>>grade;
If( grade>=60)
cout << "passed";
else
cout << "fail";
}

```

Q.4:

```

#include <iostream>
using std::cout;
using std::endl;
void main()
{
    int c=0
    while(c<= 10)
    {
        C++;
        cout<<c <<\n";

```

Answer:

```

#include <iostream>
using std::cout;
using std::endl;
void main()
{
    int c=0 ;
    while(c<= 10)
    {
        C++;
        cout<<c << "\n";
    }

```

Q.5:

```

#include <iostream>
using std::cout;
using std::endl;

int main()
{
    For(int i=0,i<=10;i+-
    cout<<i<<endl;
}

```

Answer:

```

#include <iostream>
using std::cout;
using std::endl;

int main()
{
    For(int i=0 ; i<=10; i++ )

```

```

        cout<<i<<endl;
        return 0;
    }

```

V. Rewrite the following programmes:

Q.1: Rewrite the following program using *for loop* and write down the output of the program:

Ans:

```
#include <iostream>
using std::cout;
void main()
{
    int a=2;
    while (a<=6)
    {
        cout <<a<< " ";
        a++;
    }
}
```

Q.2: Rewrite the following program using *for loop* and write down the output of the program:

Ans:

```
#include<iostream>
using std::cout;
void main()
{
    int a=6;
    while(a<=60)
    {
        cout<<"the table of the given no. is"<<a<<"\n";
        a+=6;
    }
}
```

Q.3: Rewrite the following program using *while loop* and write down the output of the program:

Ans:

```
#include<iostream>
using std::cout;
void main()
{
    for(int x=1;x<=10;x++)
        cout<<" the series of the no. is" <<x<<"\n";
}
```

Q.4: Rewrite the following program using *while loop* and write down the output of the program:

Ans:

```
#include <iostream>
using namespace std;
void main()
{
    int total, gradeCounter, grade, average;
```

```

total = 0;
gradeCounter = 1;
while ( gradeCounter <= 10 )
{
    cout << "Enter grade: ";
    cin >> grade;
    total = total + grade;
    gradeCounter = gradeCounter + 1;
}
average = total / 10;
cout << "\nTotal of all 10 grades is " << total << endl;
cout << "Class average is " << average << endl;
}

```

Q.5: Rewrite the following program using *do-while* loop and write down the output of the program:

Ans:

```
#include <iostream>
using std::cout;
void main()
{
    int a=1;
    int b=2;
    int c=0;
    while(c<= 20)
    {
        c=b*a;
        a++;
        cout<<b <<" x " <<a <<" = " <<c;
        cout<<"\n";
    }
}
```

VI. Write programmes:

Q.1: Write a program using if else statement for the result of the student based on the given condition:

- a) If the grade is greater than 75 print “Distinctions”
- b) If the grade is greater than 60 print “Pass”
- c) If the grade is less than 60 print “Fail”

Ans:

```
#include<iostream>
```

```

using std::cout;
using std::cin;
void main()
{
    int grade;
    cout<<"enter the grade";
    cin>>grade;
    if(grade>=75)
        cout<<"distingtion";
    else
        if(grade>=60)
            cout<<"pass";
        else
            cout<<"fail";
}

```

Q.2: Write the program to print square of an integer using function.

Ans: #include<iostream>
int square(int y)
{
 int p;
 p=y*y;
 return p;
}
using std::cout;
void main()
{
 int i;
 i=10;
 cout<<square(i)<<"";
}

Q.3: Write a program to enter number and print the name of the day using *switch statement*

Ans: #include <iostream>
using namespace std;
void main()
{
 int day;
 cout<<"Enter the day : ";
 cin>>day;
 switch (day)
 {
 case 1:
 cout<<"Saturday"<<endl;
 break;

```
case 2:
cout<<"Sunday"<<endl;
break;

case 3:
cout<<"Monday"<<endl;
break;

case 4:
cout<<"Tuesday"<<endl;
break;

case 5:
cout<<"Wednesday"<<endl;
break;

case 6:
cout<<"Thursday"<<endl;
break;

case 7:
cout<<"Friday"<<endl;
break;

default:
cout << "Incorrect entery."<<endl;
break;
}
}
```

KINGDOM OF SAUDI ARABIA

MINISTRY OF HIGHER EDUCATION



المملكة العربية السعودية

وزارة التعليم العالي

Student Name :

Student ID :

Group :

Level :

Preparatory Year

Subject : Programming in C++

Code : Comp -

011

Exam Day :

Exam date : - -

1434H

Exam Duration: 2 Hours

Student Answer SheetFall Term ☐Spring Term ☐Academic Year : **MARKS DISTRIBUTION**

MARKS DISTRIBUTION							
SECTION - A		SECTION - B		SECTION - C		Total (in words)	
1		9		14			
2		10		15			
3		11		16			
4		12					
5		13					
6							
7							
8							
						Total (in Numbers)	

TOTAL	A:	B:	C:	
L				
CLASS WORK (OUT OF 60)				
GRAND TOTAL (OUT OF 100)				
Question Paper approved by : (signature with Date)				
Course Coordinator	Track Leader	Exam Committee - 1	Exam Committee - 2	QAU Exam Evaluator
Note : This question Paper <u>is not Eligible</u> for printing <u>if not signed</u> by any of above signatures				
Invigilator	Examiner	Reviewer	Department Coordinator/Head	

Note: All questions are compulsory. Please use the left side blank sheet for extra work

Q.1. Answer the following questions
Marks]

[2*3=6

i. Define keyword with example.

ii. Define while repetition statement.

Q.2 Multiple Choice Questions:

[10*1=10 Marks]

i. How many times the statements “ for (; ;) ” will execute?

- (a) 10 (b) 1 (c) 0 (d) infinite
times

ii. The Preprocessor directives begin with _____.

- (a) @ (b) # (c) * (d) \$

iii. Every statement in C++ should end with _____.

- (a) ; (b): (c) “ (d) >>

iv. _____ is English like representation of the code.

- (a) Flowchart (b) Algorithm (c) Program (d) Pseudo code

v. C++ is an example of _____ languages.

- (a) Assembly languages (b) Machine languages (c) High level languages (d) All of the above

```
1 | Programming in C++ Alternative Exam
   | 1433-1434 H
```

vi. _____ is a conditional operator.

- (a) == (b) ? : (c) >> (d) +=

vii. The expression "count += count" is equivalent to_____.

- (a) count++ (b) count + (c) count - - (d) None of these

viii. A set of statement contains within a pair of braces it called -----

- (a) command (b) comment (c) block (d) flowchart

ix. Do While loop is considered as ----- repeat ion

- (a) Counter-controlled (b) not Counter-controlled
(c) output function (d) input function

x. The function that print output for the user is_____.

- (a) cin>> (b) cin<< (c) cout<< (d) cout>>

Q.3. Write the following Programs:
[2*5=10 Marks]

i. Write a program using if else statement to find out the result of a student based on the following conditions:

- If the grade is greater than 75 then Display "Distinction"
- If the grade is greater than 60 and less than 75 then Display "Pass"

- If the grade is less than 60 then Display "Fail"

2

Programming in C++

Alternative Exam

1433-1434 H

- ii. Write a program using switch statement to Display the name of a day of the week when a user enters a number between 1 and 7, otherwise display incorrect entry.

3

Programming in C++

Alternative Exam

1433-1434 H

Q.4. Find out the syntax errors in the following codes and rewrite the correct code:

[2*4=8

Marks]

i. `include <iostrea>`
`using namespace std;`
`void main( )`
`{`
`int x,y`
`cout<< "enter two integer";`
`cin>>x>y;`
`if(x==y`
`cout<<x<< "=="<<y;`
`return 0;`

ii. #include <iostream
using namespace std;
void min()
{
int c=0;
while(c<= 10
{
c++;
cout<<c <<"\n";
}

4 | Programming in C++ Alternative Exam
1433-1434 H

Q.5. What will be the output of the following code?
Marks]

[2*3=6

i. #include <iostream>
 using namespace std;
 int main()
 {
 int counter=6;
 do
 {
 cout<<counter<<" ";
 counter++;
 }
 while (counter<=5);
 }

1433-1434 H

Page 47 of 4

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Kingdom of Saudi Arabia
Ministry of Higher Education
Course Code: 011-COMP
Course Name: Programming language-1
Date: 7.08.2014



Deanship of Preparatory Year
Jazan University
Total Marks: 20
Duration: 60 min
Group:

Examination for the summer Term - Academic Year 1434 – 1435 H
Alternative Mid-Term

Name of student: _____ ID: _____ Sr. No. _____

Q.1 Select the correct option of your choice from the followings: (5*1=5 Marks)

i. Which of the following is used to give tab space between two words.

(a) \t

(b) \

(c) /t

(d) None of the above

ii. Output Statement uses the operator with “cout”

(a) >

(b) >>

(c) <<

(d) @

iii. Statement in c++ should end with_____.

(a) ;

(b) :

(c) ,

(d) .

iv. Single-line comment uses:

(a) \\

(b) //

(c) /*

(d) *\

v. _____ conditional operator is ternary operator it takes three operands.

(a) ? :

(b) >>

(c) /*

(d) #

Q.2 Define the following terms.

(2*2=4 Marks)

(i) Block in C++ language.

.....

.....
.....
.....
(ii) High Level Language.
.....
.....
.....
.....
.....

Q.3 Find out errors in the below given program?

(2*3=6 Marks)

(i) `#include<iostream
#include<conio.h>
using namespace std;

void main();
{
 int n,sqr,cub
 cout<<"Enter the number : ";
 cin>>n;
 sqr=n*n;
 cub=n*n*n;
 cout<<"\nSquare="<<sqr;
 cout>>"\nCube="<<cub;
 getch();
}`

Answer:

.....
.....
.....

```

.....

(ii) #include<iostream>
      include<conio.h>
      using namespace std;
      void main()
      {
          int i;

          for(i=1; i<=10, i++)
          {
              cout<<i<<endl;
          }

          getch();
      }

```

Answer:

```

.....
.....
.....
.....
.....
.....
.....
.....

```

Q.4 Write a Program to find the greatest of three numbers. (5*1=5 Marks)

```

.....
.....

```

***** Good Luck *****