# Programming Fundamentals

1. [Dashboard](https://lms.iub.edu.pk/my/)
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3. [CS-21101(s20)-CSIT192-MCS-2nd-1E](https://lms.iub.edu.pk/course/view.php?id=313)
4. [General](https://lms.iub.edu.pk/course/view.php?id=313#section-0)
5. [Quiz No 01](https://lms.iub.edu.pk/mod/quiz/view.php?id=64733)

| **Started on** | Saturday, 4 July 2020, 2:50 AM |
| --- | --- |
| **State** | Finished |
| **Completed on** | Saturday, 4 July 2020, 5:06 AM |
| **Time taken** | 2 hours 16 mins |
| **Grade** | 23.00 out of 25.00 (92%) |

### Question **1**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which one is not available in C language ?.

Select one:

a. References

b. Pointers

c. Functions

d. Structures

#### Feedback

Your answer is correct.

### Question **2**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which of the following loop/loops are known as an entry-controlled loop?.

Select one:

a. while

b. both while and for loop

c. do while

d. for loop

#### Feedback

Your answer is correct.

### Question **3**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?.

#include<iostream>

using namespace std;

int x[100];

int main()

{

cout << x[99] << endl;

}

Select one:

a. Garbage Value

b. error

c. 99

d. 0

#### Feedback

Your answer is correct.

### Question **4**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which of the following operator has left to right associativity?

Select one:

a. Uranry operator

b. Array Element Access

c. adressof

d. Logical Not

#### Feedback

Your answer is correct.

### Question **5**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which of the following operator(s) can be used with pointers?

i) – only

ii) +, \*

iii) +, –

iv) +, -, \*

v) /

vi) + only

Select one:

a. ii and v

b. iv

c. vi only

d. i only

#### Feedback

Your answer is correct.

### Question **6**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What is meaing of std in C++?

Select one:

a. std is a standard file reading header in C++

b. std is a standard namespace in C++

c. std is a standard class in C++

d. std is a standard header file in C++

#### Feedback

Your answer is correct.

### Question **7**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Const keyword can be used with which of the following?

i) Functions

ii) Arguments of a function

iii) Static data members

iv) Reference variables

Select one:

a. i only

b. i, ii and iii

c. ii, iii and iv

d. i, ii, iii, and iv

#### Feedback

Your answer is correct.

### Question **8**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What is the value of the bool?

bool is\_int(789.54);

Select one:

a. True

b. False

c. 1

d. 2

#### Feedback

Your answer is correct.

### Question **9**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

If variables p, q are of char type and r, s, t are of int type, which is right arguments for the statements?

1. t = (r \* s) / (r + s);

2. t = (p \* q) / (r + s);

Select one:

a. both 1 and 2 are true

b. 1 is true but 2 is false

c. 1 is false and 2 is true

d. both 1 and 2 are false

#### Feedback

Your answer is correct.

### Question **10**

Incorrect

Mark 0.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?.

#include <iostream>

using namespace std;

int main()

{

int a = 10;

if (a < 10)

{

for (i = 0; i < 10; i++)

cout << i;

}

else

{

cout << i;

}

return 0;

}

Select one:

a. 123456789

b. 0

c. error

d. 0123456789

#### Feedback

Your answer is incorrect.

### Question **11**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which operator used for dereferencing or indirection for any variable is \_\_\_\_.

Select one:

a. &

b. ->

c. \*

d. ->>

#### Feedback

Your answer is correct.

### Question **12**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will happen in the following C++ code snippet?.

int a = 100, b = 200;

int \*p = &a, \*q = &b;

p = q;

Select one:

a. a is assigned to b

b. p now points to b

c. q now points to a

d. b is assigned to a

#### Feedback

Your answer is correct.

### Question **13**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which of the following accesses the seventh element stored in array?

Select one:

a. array(7);

b. array[6];

c. array[7];

d. array(6);

#### Feedback

Your answer is correct.

### Question **14**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?

#include <stdio.h>

#include<iostream>

using namespace std;

int array1[] = {1200, 200, 2300, 1230, 1543};

int array2[] = {12, 14, 16, 18, 20};

int temp, result = 0;

int main()

{

for (temp = 0; temp < 5; temp++)

{

result += array1[temp];

}

for (temp = 0; temp < 4; temp++)

{

result += array2[temp];

}

cout << result;

return 0;

}

Select one:

a. 6553

b. 6522

c. 12200

d. 6533

#### Feedback

Your answer is correct.

### Question **15**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What is size of a [pointer](https://lms.iub.edu.pk/mod/resource/view.php?id=22527) in C++ (in 32-bit platform)?

Select one:

a. 8

b. 2

c. 0

d. 4

#### Feedback

Your answer is correct.

### Question **16**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?.

#include <iostream>

using namespace std;

int main ()

{

int numbers[5];

int \* p;

p = numbers; \*p = 10;

p++; \*p = 20;

p = &numbers[2]; \*p = 30;

p = numbers + 3; \*p = 40;

p = numbers; \*(p + 4) = 50;

for (int n = 0; n < 5; n++)

cout << numbers[n] << ",";

return 0;

}

Select one:

a. 10,20,30,40,50,

b. runtime error

c. 1020304050

d. compiler error

#### Feedback

Your answer is correct.

### Question **17**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

Which for loop has range of similar indexes of ‘i’ used in for (i = 0;i < n; i++)?.

Select one:

a. for (i = n-1; i>0; i–)

b. for (i = n; i >= 0; i–)

c. for (i = n; i>0; i–)

d. for (i = n-1; i>-1; i–)

#### Feedback

Your answer is correct.

### Question **18**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

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

#include <stdio.h>

void main()

{

int k = 0;

for (k < 3; k++)

printf("Hello");

}

Select one:

a. Hello is printed thrice

b. Varies

c. Compile time error

d. Nothing

#### Feedback

Your answer is correct.

### Question **19**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?.

#include <stdio.h>

int main()

{

int i = 0;

for (; ; ;)

cout<<"In for loop\n";

cout<<"After loop\n";

}

Select one:

a. Compile time error

b. Infinite loop

c. undefined behaviour

d. After loop

#### Feedback

Your answer is correct.

### Question **20**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

How many times i value is checked in the following C code?.

#include <stdio.h>

int main()

{

int i = 0;

do {

i++;

printf("in while loop\n");

} while (i < 3);

}

Select one:

a. 3

b. 2

c. 4

d. 1

#### Feedback

Your answer is correct.

### Question **21**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

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

#include <stdio.h>

void main()

{

int i = 0;

while (++i)

{

printf("H");

}

}

Select one:

a. H is printed infinite times

b. Varies

c. H

d. Compile time error

#### Feedback

Your answer is correct.

### Question **22**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C++ code?.

#include <iostream>

using namespace std;

void copy (int& a, int& b, int& C)

{

a \*= 2;

b \*= 2;

c \*= 2;

}

int main ()

{

int x = 1, y = 3, z = 7;

copy (x, y, z);

cout << "x =" << x << ", y =" << y << ", z =" << z;

return 0;

}

Select one:

a. 2 4 5

b. 1 3 7

c. 2 6 14

d. 2 4 9

#### Feedback

Your answer is correct.

### Question **23**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be the output of the following C code?

#include <stdio.h>

int x;

void main()

{

if (x)

printf("hi");

else

printf("how are u");

}

Select one:

a. error

b. how are you

c. hi

d. compile time error

#### Feedback

Your answer is correct.

### Question **24**

Correct

Mark 1.00 out of 1.00

Flag question

#### Question text

What will be output of the following code?.

#include <iostream.h>

void func() {

int x = 0;

static int y = 0;

x++; y++;

cout<<x<<" -- "<< y<<endl;

}

void main() {

func();

func();

return 0;

Select one:

a. 1-1, 2-2

b. 1-2,2-2

c. 1-1,1-2

d. 1-2,1-2

#### Feedback

Your answer is correct.

### Question **25**

Incorrect

Mark 0.00 out of 1.00

Flag question

#### Question text

Assuming a long is four bytes long, what will be printed by the above code?

long array[3][4] = { {1}, {2, 3}, {4, 5, 6} };

cout<<sizeof( testarray ) ;

Select one:

a. 48

b. 12

c. 60

d. 24

#### Feedback

Your answer is incorrect.