Table 1	Cairo University - Faculty of Graduate Studies for Statistics	I Research				
	Department: Computer sciences	Department: Computer sciences				
	Academic Years 1	Semesteri one	_			
Caire Universi	Date: 25-3-2021	Level: Diploma				
Course Title: Con	puter Programming (1)	Time I S Hours	Exert			



Exem marks: 75 (52 Marks) Time: 1.5 Hours Course code: CSSO3 Question One: Choose the correct output of each of the following: c) None of the above. 1) #include <iostream> b) C++ a) C++/n language using namespace std; language int main() { cout << " C++/n": cout << " language"; return 0; } b) put in the last element of c) None of the above. 2) #include <iostream> a) put in the first the array arr 5 using namespace std; element of the array int main() { arr 5 int arr[20]; arr [0]=5; return 0; } c) None of the above. b) 0 5 10 15 ** a) ** 3) #include <iostream> using namespace std; int main() { int i = 20; while (i < 20) [cout << i << " "; i = i + 5: cout << "**" : return 0; } c) None of the above. b) 2.5 a) 2 4) #include <iostream> using namespace std; int main() { int x = 5: int y = 2: int z = x/y; return 0; } cout << z : c) None of the above. b) 8 5) #include <iostream> a) 4 using namespace std: int ged (int m, int n) (if (n = 0) return m; else return ged (n, m % n); 1 int main() | cout << ged (4.8); return 0;) c) None of the above. 6) #include <iostream> b) 37 u) 27 using namespace std; int main() { int a - 27; int op - &s; *p = 37; return 0:) cout << a; c) None of the above. 7) #include <jostream> u) 5 b) 6 using namespace std; int main() [int x = 5; return 0: 1 cout << ++x;

	T Catro University - Ferritory	f Graduate Studies for Statistical	Research	- (AA)
400	Department Computer sch	ence4	Semesteri one	1
	Academic Years 1		Level: Diploma	
Caire University	Date: 25-3-2021		74	Exam Sheets: 3 (52 Marks)
Course Title: Computer I		Course code: CSSO3	THINK!	(52 Marks)
uestion One: Choo	se the correct output of	of each of the following:		c) None of the above
) #include <iostre using namespace int main() { cout << " C++/n" cout << " language</iostre 	std;	a) C++/n language	b) C++ language	
tanguage) #include <iostre arr[20];<="" int="" main()="" namespace="" td="" using="" {=""><td>sam> std;</td><td>a) put in the first element of the array arr 5</td><td>b) put in the last element of the array arr 5</td><td>e) None of the above</td></iostre>	sam> std;	a) put in the first element of the array arr 5	b) put in the last element of the array arr 5	e) None of the above
arr [0]=5;	return 0; }		b) 0 5 10 15 **	c) None of the above
3) #include <iostrusing "="" "**";<="" ";="" (i="" +="" 20)="" 5;="" <="" <<="" cout="" i="i" int="" main()="" namespace="" s="" td="" while="" {="" }=""><td></td><td>a) **</td><td>B) 0 3 10 13</td><td></td></iostrusing>		a) **	B) 0 3 10 13	
t) #include <iostr< td=""><td></td><td>a) 2</td><td>b) 2.5</td><td>c) None of the above</td></iostr<>		a) 2	b) 2.5	c) None of the above
int main() { int x = 5; int y = 2; int z = x/y; cout << z;	(A)			
5) #include <iostration (a)<="" (int="" (n="" 0)="" <<="" cout="" else="" ged="" if="" in="" int="" m.="" main()="" namespace="" return="" td="" using="" {="" —=""><td>eam> c std; nt n) { n m; (n, m % n); } 4.8); return 0: 1</td><td>a) 4</td><td>b) 8</td><td>c) None of the above.</td></iostration>	eam> c std; nt n) { n m; (n, m % n); } 4.8); return 0: 1	a) 4	b) 8	c) None of the above.
6) #include <iosi #include="" *p="37;" 7)="" <<="" <ios<="" a="27;" a;="" cout="" int="" main()="" namespaci="" td="" using="" {=""><td>return 0: 1</td><td>a) 27</td><td>b) 37</td><td>e) None of the above.</td></iosi>	return 0: 1	a) 27	b) 37	e) None of the above.
using namespaint main() { int x = 5; cout << ++x;	return 0;)	.,,	b) 6	e) None of the above.

Question Two: Choose what must be corrected for each of the following: اختار ما يجب تصحيحه في كل نقطة فرعية:

14) int print (int n) { for (int i = 1; i <= n; i++) cout << "/" << " "; }	a) int print	b) cout << "/" << " " ;	c) None of the above.
15) #include <iostream> using namespace std; int main() { // "C++"; /* "C++"; */ return 0; }</iostream>	a)// "C++";	b) /* "C++"; */	e) None of the above.
16) #include <iostream> using namespace std; const float TAX = 2.54F; int main() { double a; cout << "enter your salary "; cin << a;</iostream>	a) cin << a;	b) const float TAX = 2.5	4F; c) None of the above.
a *= TAX; cout << a; return 0; }	1		

(1) احتار التصحيح للخطا المرجود في كل نقطة :Question Three: Choose the correction for the error in each of the following

17) int n[10] = {1, 3, 5, , 9};	a) int n[10] = {1, 3, 5, 9};	b) int n[10] = {1, 3, 5, 0, 9};	e) None of the above.
18) #include <iostream> int main() { cout << "Welcome to C++"; return 0; }</iostream>	a) stdcout	b) std::cout	e) None of the above.
19) struct empType { int age double salary }	a) struct empType { int age; double salary; }	<pre>b) struct empType { int age; double salary; };</pre>	c) None of the above.
20) #include <iostream> using namespace std; int_main() {</iostream>	a) double u, v;	b) cout << endi;	c) All of the above.
double u; v; u = 2.0; v = 3.0; cout << u * v; cout << "endl"; return 0; }			

8) #include <iostream></iostream>	1.00	WY	1 . 10
using namespace std;	u) 0	b) t	(c) 18
int main() (
int legalAge;			
int age = 18;			
legalAge = (age >= 18);			
Court and Laurella			
9) #include <iostream></iostream>	200		
using namespace std;	n) 2.0.	b) 2.0 1.0 0.0 invalid	e) None of the above.
int main() (
char grade = 'C';			
switch (grade) {			/
case 'A':			
cout << "4.0";			
case 'B':			
cout << "3.0";			
case 'C':			1 1
cout << "2.0 ";			
case 'D';			
cout << "1.0 ";			
case 'F':			
cout << "0,0 ";	15		1 0
default:			
cout << "invalid"; } return 0; }		1	
10) #include <iostream></iostream>	a) 3	b) 5	e) 7
using namespace std;	and the same		,
int main() {			
cout << 15/3+2; return 0; }			and the second second
11) #include \iostream>	a) 2	b) 10	e) 20
using namespace std;			
int main() {			
int x = 2;			
x *= 10;		l III	
cout << x; return 0; }			
12) #include <iostream></iostream>	a) Honor list	b) gpa below requirements	e) None of the above.
using namespace std;		A A	
int main() {		118	
double gpa = 3.7;			
$C(ann) \ge 2.0$			
(: com >= 3.9) cout << "Honor list";]			
lise cout<<"gpa below requirements";			
olse cours and			
eturn 0; }	n) 2	10.2	e) 12
3) #include <iostream></iostream>	., -	p) e	C) 14
t and definite state			
ble area (double a, double b)			
return a * b; }			
return a			
nt main() { out << area (2, 6); return 0; }			
(2, 0);	-		Page 2 of 1

Question Two: Choose what must be corrected for each of the following: اختار ما یجب تصحیحه فی کل نقطة فر عیة [12 Marks]

14) int print (int n) { for (int i = 1; i <= n; i++) cout << "/" << " "; }	a) int print	b) cout << "/" << " " ;	c) None of the above.
15) #include <iostream> using namespace std; int main() { // "C++"; /* "C++"; */ return 0; }</iostream>	a)// "C++";	b) /* "C++"; */	c) None of the above.
using namespace std; const float TAX = 2.54F; int main() { double a; cout << "enter your salary "; cin << a; a *= TAX; cout << a;	a) cin << a;	b) const float TAX = 2.5	54F; c) None of the above.

Ouestion Three: Choose the correction for the error in each of the following: اختار التصحيح للفطأ الموجود في كل نقطة) [11]

17) int n[10] = {1, 3, 5, .9};	a) int n[10] = {1, 3, 5, 9};	b) int n[10] = {1, 3, 5, 0, 9};	e) None of the above.
18) #include <iostream> int main() { cout << "Welcome to C++"; return 0; }</iostream>	a) stdcout	b) std::cout	c) None of the above.
19) struct empType { int age double salary }	a) struct empType { int age; double salary; }	b) struct empType { int age; double salary; };	c) None of the above.
20) #include <iostream> using namespace std; int main() {</iostream>	a) double u, v;	b) cout << endl;	c) All of the above.
double u; v; u = 2.0; v = 3.0; cout << u * v; cout << "endl"; return 0; }			

Question Two: Choose what must be corrected for each of the following: اختار ما يجب تصحيحه في كل نقطة فرعية:

(4) int print (int n) { for (int i = 1; i <= n; i++) cout << "/" << " "; }	a) int print	b) cout << "/" << " " ;	c) None of the above.
using namespace std; int main() { // "C++"; /* "C++"; */ return 0; }	a)// "C++";	b) /* "C++"; */	c) None of the above.
16) #include <iostream> using namespace std; const float TAX = 2.54F; int main() { double a; cout << "enter your salary";</iostream>	a) cin << a;	b) const float TAX = 2.5	4F; c) None of the above.
cin << a; a *= TAX; cout << a; return 0; }	1		

(11 Marks) اختار التصحيح للغطا الموجود في كل نقطة: Question Three: Choose the correction for the error in each of the following

Augustion Timeer Charles		2 2 2 2 2	La Mara of the chove
17) int n[10] = {1, 3, 5, , 9};	a) int $n[10] = \{1, 3, 5, 9\}$;	b) int n[10] = {1, 3, 5, 0, 9};	
18) #include <iostream> int main() { cout << "Welcome to C++"; return 0; }</iostream>	a) stdcout	b) std::cout	c) None of the above.
19) struct empType { int age double salary }	a) struct empType { int age; double salary; }	<pre>b) struct empType { int age; double salary; };</pre>	e) None of the above.
20) #include <iostream> using namespace std; int main() { double u; v; u = 2.0; v = 3.0; cout << u * v; cout << "endi";</iostream>	a) double u, v;	b) cout << endl;	c) All of the above.