CS201 MIDTERM PAST PAPER SCREEMSHOT

Que	stion No : 1 of 26
The	e memory address of the first element of an array is called
Ansv	wer (Please select your correct option)
c	floor address
c	foundation address
c	first address
C	base address COFFECT

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk
Contact Us:	0322-8877744	1	

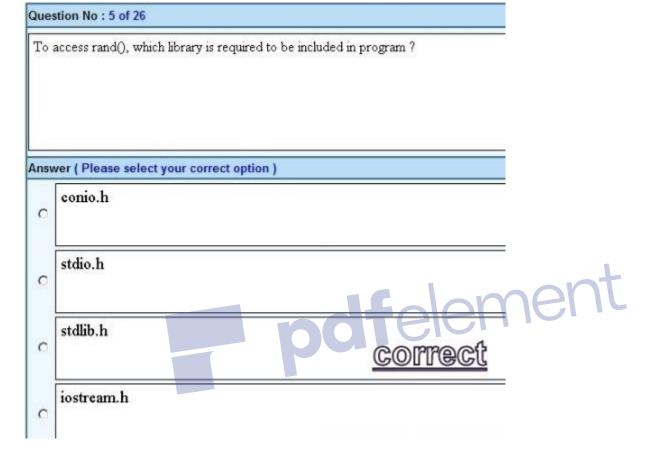
Que	stion No: 2 of 26
We	want to access array in random order which of the following approach is better?
Ansv	wer (Please select your correct option)
C	Pointers COFFECT
c	Array index
С	Both pointers and array index are better
c	Matrix

ıe	stion No : 3 of 26
Th	e structure is a multiple-selection construct which makes the code more efficient and easy to read and underst
ISI	wer (Please select your correct option) multiple-if
0	switch
C	correct
0	if-else OCI
C	else-if

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	3		



VU APEX CAMPUS	vuapex.com.pk		vuapex.pk
Contact Us:	0322-8877744	4	

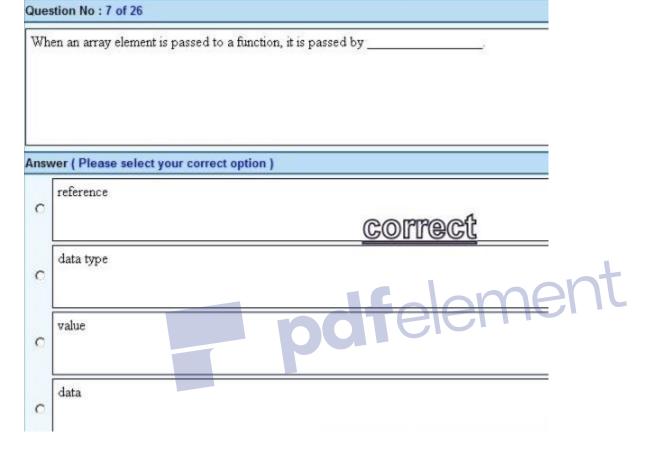


VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	5		

What is the highest legal index for the following array? int arr[4] Answer (Please select your correct option) C COFFECT 2 1

Question No: 6 of 26

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	6		



VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	7		

Answer (Please select your correct option) Scalability usability reliability sustainability

Question No: 8 of 26

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	8		

Que	stion No : 9 of 26	
Wo	rd processor is a type of a/an	
lnsv	ver (Please select your correct option)	
0	operating system	
C	application software	t
c	device driver	
c	utility software	

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk
Contact Us:	0322-8877744	9	

tion No : 10 of 26	
e' loop may execute or more times.	
er (Please select your correct option) three	
zero COFFRECT COT	
two parter	
	e' loop may execute or more times. er (Please select your correct option) three zero COFFECT

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	10		



VU APEX CAMPUS	vuapex.com.pk		vuapex.pk
Contact Us:	0322-8877744	11	

Answer (Please select your correct option) area(&num); area(int num); area(*num);

Question No: 12 of 26

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	12		

The ______ statement allows us to select from multiple choices based on a set of fixed values for a given expression. Answer (Please select your correct option) Switch Correct Correct South Continue Goorea goto

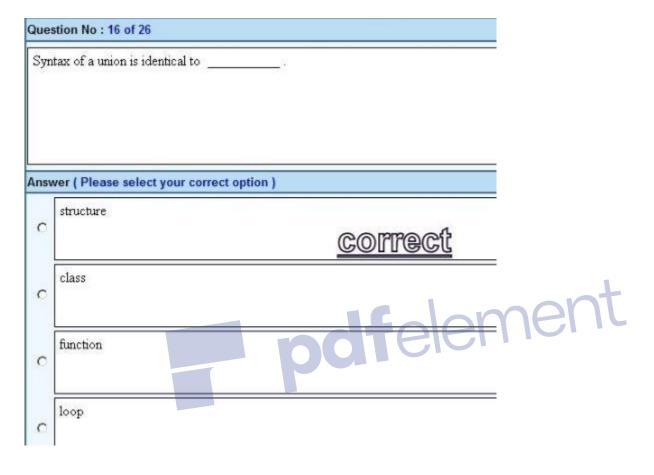
VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	13		

is	widely known as development language of	operating system.
sv	wer (Please select your correct option) Windows	
	Unix	correct
	Mac OS	dreien
0	Linux	

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	14		

Que	stion No : 15 of 26
То	convert the value of one type into another type using built-in functions, we include header file.
Ansv	ver (Please select your correct option) conio.h
С	stdlib.h COFFECT
С	iostream.h
C	string h

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	15		



VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	16		

Que	stion No : 17 of 26	
The	e function seekg() takes parameter(s).	
Ansv	wer (Please select your correct option)	
c	0	
c		ent
c	correct	
c	3	

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	17		

Que	stion No : 18 of 26	
The	function write() takesas parameter(s).	
Ansv	ver (Please select your correct option)	
C	String of pointer type	
С	String of variable lengths, no. of bytes to be read and flags	nt
0	Pointer array of characters and a delimiter	
0	String and no. of bytes to be written	

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	18		

When the logical ope

C

C

Question No: 19 of 26

When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only _

Answer (Please select your correct option)

When both exp1 and exp2 are true



When both exp1 and exp2 are false

When exp1 is true and exp2 is false

When exp1 is false and exp2 is true

<u>apex.com.pk</u>	<u>vuapex.pk</u>
22-8877744 19	

Null character is used to indicate the ______ of string Answer (Please select your correct option) Start End Begin Middle

2 marks

Question No: 21 of 26

A two-dimensional array has 3 rows and 4 columns. Write down the syntax to initialize first element of all three rows of two-dimensional array with value 2.

2 marks

Question No: 22 of 26

Identify any logical or syntax error in the statement below and explain the reason of the error.

seekg (-10L, ios::beg);

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk
Contact Us:	0322-8877744	20	

3 marks

Question No: 23 of 26

Using the given array declaration:

Find out the value of each of the expressions below.

Question No: 23 of 26

пи: aп_bп – aп,

Find out the value of each of the expressions below.

- *(arr_ptr + 4)
- (*arr_ptr)++
- *(arr_ptr++)

3 marks

Question No: 24 of 26

If you are provided two methods for accessing a file; random and sequential. Which method will you prefer and why?

5 marks

Question No: 25 of 26

Following are two programming statements; you have to write down the functionality of each statement?

- int *const intPtr = &x;
- const int *intPtr = &x;

VU APEX CAMPUS	vuapex.com.pk	vuapex.pk
Contact Us:	0322-8877744 21	

5 marks

Question No: 26 of 26

```
Find out errors in the program if any and after correction, write the output.

int main()
(
ofstream outfile;
long position;
```

Question No: 26 of 26

```
long position;
char outfilename[] = "abc.txt";
outfile.open(outfilename);
if(!outfile)
{
   cout<<"Error Occured while opening a file";</pre>
```

Question No: 26 of 26

```
exit(1);
}
outfile.write("This is a car", 12);
position = outfile.tellp();
outfile.seekp(position-5);
outfile.write("jar", 3);
```

Question No: 26 of 26

```
position — outline.temp(),
outfile.seekp(position-5);
outfile.write("jar", 3);
outfile.close(),
return 0;
}
```

VU APEX CAMPUS	vuapex.com.pk		vuapex.pk	
Contact Us:	0322-8877744	22		

ement