Arrays and Strings Quiz answers

What will be the output of the following C code? ●   ⦿ Multiple choice ▾

```c
⋮     clude <stdio.h>
void main()
{
    int a[3] = {1, 2, 3};
    int *p = a;
    printf("%p\t%p", p, a);
}
```

○ Same address is printed   ✓   ✕
○ Different address is printed   ✕
○ Compile time error   ✕
○ Nothing   ✕
○ Add option or add "Other"

☑ Answer key   (1 point)   ⧉   🗑 | Required ⬤ ⋮

It is necessary to mention the size of an array when ⇕
passed as a formal argument.   ⦿ Multiple choice ▾

○ True   ✕
○ False   ✓   ✕
○ Add option or add "Other"

☑ Answer key   (1 point)   ⧉   🗑 | Required ⬤ ⋮

Predict the output of the following code :   ⦿ Multiple choice ▾

```c
⋮   ain()
{
char a[10]="hello";
strcpy(a,'\0');
printf("%s",a);
}
```

○ null string   ✓   ✕
○ non-null string   ✕
○ hello   ✕
○ program error   ✕
○ Add option or add "Other"

☑ Answer key   (1 point)   ⧉   🗑 | Required ⬤ ⋮

Consider the array definition and identify the correct option :

$$values[2][3] = \{\{1,2,3,4\},\{8,9,10,11\}\};$$

Checkboxes

- [ ] Compilation error ✓ ✕
- [ ] array size exceeds defined array size ✓ ✕
- [ ] all the above ✓ ✕
- [ ] no error, it accepts the elements initialized ✕
- [ ] Add option or add "Other"

Answer key (1 point)   Required

What will be the output of the following code :

Multiple choice

```
clude<stdio.h>
main()
{
static char s[]="oracle";
clrscr();
printf("%c",*(s+strlen(s)));
getch();
}
```

- ( ) oracle ✕
- ( ) e ✕
- ( ) null char ✓ ✕
- ( ) compilation error ✕
- ( ) Add option or add "Other"

Answer key (1 point)   Required

What is the format specifier used to print a string or character array in C Printf or Scanf function?

Multiple choice

○ %c   ✕

○ %C   ✕

○ %s   ✓   ✕

○ %S   ✕

○ Add option or add "Other"

☑ Answer key   (1 point)   Required

The number of items used by the dynamic array contents is its

Multiple choice

○ Physical size   ✕

○ Capacity   ✕

○ Logical size   ✓   ✕

○ Random size   ✕

○ Add option or add "Other"

☑ Answer key   (1 point)   Required

If the two strings are identical, then the strcmp() function returns

Multiple choice

○ -1   ✕

○ 1   ✕

○ 0   ✓   ✕

○ Yes   ✕

○ Add option or add "Other"

☑ Answer key   (1 point)   Required

What will be the output of the following C code?   Multiple choice ▾

```c
const char str1[]="ABCDEF1234567";
const char str2[] = "269";
len = strcspn(str1, str2);
printf("First matching character is at %d\n", len + 1);
```

○ First matching character is at 8   ✓   ✕

○ First matching character is at 7   ✕

○ First matching character is at 9   ✕

○ First matching character is at 12   ✕

○ Add option or add "Other"

☑ Answer key   (1 point)   Required ⬤   ⋮

What is a dynamic array?   Multiple choice ▾

○ A variable size data structure   ✓   ✕

○ The memory to the array is allocated at runtime   ✕

○ all the above   ✕

○ none of the above   ✕

○ Add option or add "Other"

☑ Answer key   (1 point)   Required ⬤   ⋮