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Day-3 Practice Questions (7th August 2020)

1. Which of the following is the correct output for the program given below?

```
#include<stdio.h>

void main()
{
    int i,*j,k;
    i=3;
    j=&i;
    printf("%d", i**j*i+*j);
}
```

- (a) 30
- (b) 27
- (c) 9
- (d) Error

Correct Answer:

2. Which of the following is the correct output for the program given below?

```
#include<stdio.h>

void main()
{
    char *str;
    str=""%d\n";
    str++;
    str++;
    printf(str-2,300);
}
```

- (a) No Output
- (b) 30
- (c) 3
- (d) 300



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Correct Answer:

3. Which of the following is the correct output for the program given below?

```
#include<stdio.h>

void main()
{
    char *str;
    str=""%s";
    printf(str,"K");
}
```

- (a) Error
- (b) No Output
- (c) K
- (d) %s

Correct Answer:

4. Which of the following is the correct output for the program given below, if an integer is 4 bytes long?

```
#include<stdio.h>

void main()
{
    int ***r, **q, *p, i=8;
    p=&i;
    q=&p;
    r=&q;
    printf("%d%d%d",*p,**q,***r);
}
```

- (a) 8 8 8
- (b) 4000 4002 4004
- (c) 4000 4004 4008



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(d) 4000 4008 4016

Correct Answer:

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

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    printf("%c",6[“AGRA RAJASTHAN”]);
```

```
}
```

(a) RAJASTHAN

(b) AGRA

(c) A

(d) ASTHAN

Correct Answer:

6. Which of the following is the correct output for the program given below?

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    char *p;
```

```
    p=”Hello”;
```

```
    printf(“%s”,*&*p);
```

```
}
```

(a) llo

(b) Hello

(c) ello

(d) h

Correct Answer:

7. Which of the following statement is correct about k used in the statement given below?

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char ***k;

- (a) Pointer to a pointer to a pointer to a char.
- (b) Pointer to a char pointer.
- (c) Pointer to a pointer to a char.
- (d) Pointer to a pointer to a pointer to a pointer to a char.

Correct Answer:

8. Which of the following is the correct output for the program given below?

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    char str[]="peace";
```

```
    char *s=str;
```

```
    printf("%s",s++ + 3);
```

```
}
```

- (a) peace
- (b) eace
- (c) ace
- (d) ce

Correct Answer:

9. Which of the following statements is correct about the program given below?

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int arr[3][3]={1,2,3,4};
```

```
    printf("%d",*(*(*(arr))));
```

```
}
```

- (a) It will output a garbage value.
- (b) It will output a value 1.



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- (c) It will output a value 3.
- (d) It will report an error: 'Invalid Indirection'.

Correct Answer:

10. The operator used to get value at address stored in a pointer variable is

- (a) *
- (b) &
- (c) &&
- (d) ||

Correct Answer:

Programming Questions

1. WAP to input any string and find the length of the given string

2. WAP to print the following pyramid

```
0
1    1
2    3    5
8    13   21   34
```

3. WAP to input any two matrix and find the following

- 1. Addition of Two Matrix
- 2. Subtraction Operation
- 3. Multiplication of Matrix

4. WAP to print the armstrong number from 1 to 50000

5. WAP to print the prime numbers from 2 to 100