

**Computer Application Model Exam 2024 Answer Key (SY 246)****1 Mark Answers****1 to 6 ( any 5)**

- 1) continue
- 2) Null (/0)
- 3) ASP/PHP/JSP (any one)
- 4) string concatenation ( + )
- 5) Create/Alter/Drop (any 1)
- 6) Odo

**2 Marks Answers****7 to 17 ( any 9)**

7. a) 3  
b) 4+5 = 9
8. built-in function: Functions that are already written  
User defined function: Functions that are written by the user
9. a. Domain Name System  
B )80
10. a.<BR> - for line break  
b. <U> - Undeline
11. ordered list/unordered /definition (any 2)  
12. alert(),isNaN(),toUpperCase(),toLowerCase(), charAt()- (any 2)
13. CMS-content management system/definition  
Eg: Drupal,Joomla,Wordpress (any 1)
14. a. **Responsive web design** is an approach to provide an optimal viewing experience in different sized screens.  
b. Web hosts
15. Software ,Hardware ,Data ,Users, Procedures (any 4)
16. a.  $\sigma$  b.  $\pi$  c. U d.  $\cap$
17. add column, modify column, drop column or rename table. (any 2)
18. SMS (Short Message Services):It is a text messaging service to exchange short messages upto 160 characters

**3 Marks Answers****19 to 29 ( any 9)**

19. a. loop inside another loop (1 mark)  
b. 

```
for(i=1;i<=5;i++)
{
    for(j=1;j<=5;j++)
        cout<<i;
} any example
```
20. Good.  
b. cin cannot accept whitespace, use gets/getline function
21. modular programming: large program is broken down into subprograms(Modules)  
b. . Reduces the size of the program,Less chance of error occurrence  
Reduces programming complexity,Improves reusability (any 2)
22. a. check the given character is a digit or not  
b. gives absolute value of a number  
c. gives length of a string
23. <TH>- Table Heading  
<TD>- Table Data  
<TR> - Table Row (any 2)

- 24 a. <form> b.<input> c.<select>

25. Inside the <Head >section of HTML,  
Inside <Body> Tag,  
External JavaScript file,

- 26 .a. Distinct

- b. UNIQUE PRIMARY KEY DEFAULT NOT NULL ,  
AUTO\_INCREMENT (any 2)

- 27.a. **create table student(rollno int primary key,name varchar(20),mark int)**

- b. select \* from student

- c. select rollno,name from student where mark>600

28. a.ERP combines all the requirements of a company and integrated to a central database so that various departments can share information

- b. Product Life Cycle Management (PLM) . Customer Relationship Management (CRM)

- Management Information System (MIS) . Supply Chain

- Management (SCM). Decision Support System (DSS) (any 2)

29. mobile operating system definition (2marks)

- Eg:Android, IOS, Black Berry Black Berry, Windows Phone (any 1)

**5 Marks Answers****30 to 32 ( any 2)**

30. a. for,while (any 1)

- b. conditional operator ( ?:)

- c. #include <iostream>

using namespace std;

int main()

{ int a,b,c, sum;

cout<<"Enter three numbers: ";

cin>>a>>b>>c;

sum=a+b+c;

cout<<"Sum of numbers = "<<sum;

}

31. a) **Static web page** (3)

The content and layout of the web page is

fixed,Static web page never use databases

Easy to develop,

**Dynamic web page**

The content and layout may change during

run time,Database is used to generate dynamic web

pages,Programming skills are needed

- b)  $x^3 + y^3$  (2 marks)

32. a. The ability to modify a schema at one level affecting the next higher level

- b. **Physical,Logical**

- c. Primary key :Regno

Degree: 5

Cardinality: 3

(3 marks)