1. Technology used to transfer amount of money from one account to another is called----------------- 1
2. ………………tag is used to specify the content to be displayed in a browser that does not support frame set 1
3. Embedded program in HTML pages are known as -------------- 
   a. script  b. JAVA  c. HTTP  d. C++ 1
4. Sub window which arranges a group of related item is ……………
   a. palette  b. menu bar  c. tool bar  d. window 1
5. In a DFD ………. represent a data flow
   a. box  b. arrow  c. circle  d. ellipse 1
6. Device which is used to connect similar type of network is …….. 1
7. Write the protocol which is used in wireless communication and mention any two limitation? 2
8. Help Raju to divide web browser window into two portion horizontally in the ratio 70: 30 2
9. Compare the features of DHTML and HTML? 2
10. Sony want to do a work on DTP software. Suggest any two appropriate software required? 2
11. What are the various alignment available in page maker? 2
12. What are the merits and demerits of optical fiber cable used in data communication? 2

13. ABC Ltd. Company engaged in the distribution of electronic goods through traditional commerce. Now they plan to do business through E-commerce. Compare these two methods? 3
14. SET is a method for safe transaction over the internet. Justify? 3
15. ZIGMA Ltd Company is trying to establish a network connection for the branches. Suggest and explain some data communication devices for this purpose? 3

OR

16. Your teacher asked you to prepare a seminar report on different modes of data transmission. Prepare a report on this? 3
17. While developing a software system, system analyst is using different tools for analysis? Discuss any two tools?

18. Visualize the output of the following code

```
<Table border=2>
  <TR>
    <TH colspan=2>GOVT. HSS</TH>
  </TR>
  <TR>
    <TD>BOYS</TD>
    <TD>GIRLS</TD>
  </TR>
  <TR>
    <TD>500</TD>
    <TD>300</TD>
  </TR>
</Table>
```

19. Joseph has ordered a E Book by online method. Explain the steps of order realization?

Read the following situation where data transmission takes place. Write the types of data communication followed in each situation.

a) Telephone conversation
b) Dooradarshan to Television.
c) Fax

20. Explain any one technique used for investigation and fact recording in system analysis?

21.

<table>
<thead>
<tr>
<th>EID</th>
<th>ENAME</th>
<th>SALARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>JOHN</td>
<td>5000</td>
</tr>
<tr>
<td>2</td>
<td>PETER</td>
<td>4500</td>
</tr>
<tr>
<td>3</td>
<td>SMITH</td>
<td>7000</td>
</tr>
<tr>
<td>4</td>
<td>KEVIN</td>
<td>6000</td>
</tr>
<tr>
<td>5</td>
<td>ALBERT</td>
<td>5500</td>
</tr>
</tbody>
</table>

a. Suggest which attribute is suitable for setting primary key?
b. What is the cardinality of the above table?
c. What are the domain of ENAME?
22. Describe different types of kerning used in page maker?

23. Discuss the advantage of Data Base over conventional system?

24. Write an HTML code for the following

ZIGMA PUBLIC SCHOOL
BOMBAY

Courses Offered

1. PLUS TWO
   - HUMANITIES
   - SCIENCE
   - COMMERCE

2. DEGREE
   - PHYSICS
   - CHEMISTRY
   - SOCIOLOGY

25. Write the HTML statement which gives the following output?
   a) H2SO4
   b) \(a^2 + b^2 + c^2\)

26a. Create a table Student with fields roll number(5), name
    Varchar(15), sub1 integer, sub2 integer, sub3 integer, total number(5,2)
    b. Display the highest mark in sub2
    c. Display the names in ascending order
    d. Display the mark between 50 and 80
    e. Display the names of all students beginning with alphabet ‘S’

OR

27. Create a table student with fields Rollno integer primary key, Name Character(15), Batch Character (20), total integer
   a. insert data in the fields Rollno , Name , Batch and Total
   b. Display the list of students having mark >500
   c. Display the number if students in each branch
   d. Display the highest and lowest mark of Humanities batch
   e. Delete the details of student whose rollno is 15