

**S.F.D.A.V. Public School, Muzaffarnagar**  
**Question Bank –III**  
**Class: XII Subject: Informatics Practices**

1. What is need of Computer network?
2. What is transmission media?
3. Why we use twisted pair cable in network?
4. What is function of Repeater?
5. What is the need of Switch in computer network?
6. Explain the following
7. (i) Gateway                      (ii) Bridge      (iii) Hub
  
8. What is the difference between LAN and Internet?
9. Expand the terms-
10. OSI, FLOSS, FSF, GNU, OSS
11. What are different types of standards?
12. What do you mean by topology? What are the most popular topology?
13. What is the difference between WAN and MAN?
14. What are the components required for networking?
15. How is free software different from freeware?
16. Compare and contrast-
  - a. TTF and OTF
  - b. Static and dynamic fonts
17. What is the significance of Unicode?
18. What is object oriented programming?
19. What is the relationship between properties, methods and events?
20. Name the character set supported by java.
21. What is the use of Data types.
22. What is the effect of absence of break in a switch statement?
23. What is the significance of a null statement?
24. What are iteration statements? Name the iterative statements provided by java.
25. What is meant by entry controlled loop and exit controlled loop? Explain with example.
26. How would you set a label to have both an image as well as text?
27. What is the difference between a text field and password field when both can obtain text from user?
28. Name the swing API classes that create
  - (i) A list      (ii) A combo box
29. How are following passed in java
  - (i) Primitive types      (ii) Reference types
30. What is inheritance? Name its various forms.

31. What is an abstract class?
32. What are literals in java? How many types of literals are allowed in java?
33. Rewrite the following fragment using switch:

```
if (ch == 'E')
    eastern++;
if (ch == 'W')
    western++;
if (ch == 'N')
    northern;
if (ch == 'S')
    southern;
else
    unknown++;
```

34. What is switch statement? with example?
35. What is purpose of Default case ?
36. Why we use of Break and Continue statement in java?
37. What is database management System?
38. What are advantages and disadvantages of database?
39. What is MYSQL?
40. What do you understand by Attribute and Tuple?
41. What is the Difference between CHAR and VARCHAR data types?
42. What is the difference between Delete and Drop Command?
43. What is the difference between Alter and Update Command?
44. Write following SQL Command Syntax  
(i) Create table (ii) insert record (iii) Retrieve data from table
45. What is the Difference between Where and Order By Clause?
46. Which command is used in MySql to make the changes in database permanent?
47. Can a table have multiple primary keys? Can it have multiple foreign keys?
48. What is the purpose of DROP TABLE command in SQL? How is it different from DELETE command?
49. Write SQL statement to display the last names of those employees who have the letter "A" as the second character in their names?
50. Differentiate between primary key and alternate key.
51. Define the Following (i) e-governance (ii) e-business (iii) e-learning