

12. (a) (i) What is WWW? Explain in detail. (8)
(ii) What is web security? Explain in detail. (8)

Or

- (b) (i) Explain in detail about FTP. (8)
(ii) Explain in detail about peer-to-peer communication. (8)

13. (a) Explain in detail about the features of JAVA.

Or

- (b) What are packages? Explain that how will you import a package in Java. Give example.

14. (a) Describe the border layout, flow layout, grid layout in detail.

Or

- (b) Explain the two ways of creating a thread in Java, show it with an example program.

15. (a) What are the steps involved in JDBC connectivity? Consider a database with name and telephone number. Write a program to update a new record and to delete a record.

Or

- (b) (i) What are the steps involved in creating a new bean? (10)
(ii) List the advantages of Java Beans. (6)