



(OR)

(b) (i) How does a service oriented paradigm differs from object oriented paradigm? Explain. (8)

(ii) Consider a cargo clearing system which provides facilities for both customers and administrators. Identify the services associated with this system and explain their interactions. (8)

13.

(a) (i) Describe and highlight the features of web service platform. (8)

(ii) Explain the process of converting a legacy system into a web service. (8)

(OR)

(b) (i) How interoperability is achieved between .NET and J2EE based web services? Explain. (8)

(ii) List the principles and guidelines required for developing SOA based solutions. (8)

14.

(a) (i) Explain the layered architecture for providing multi-channel access. (8)

(ii) Compare synchronous and asynchronous web services with an example. (8)

(OR)

(b)

(i) Explain the process of combining BPM, SOA and web services. (8)

(ii) List the features provided by BPEL for web service composition. (8)

15.

(a) (i) Is SOAP a secured mode of communication? Explain. (8)

(ii) Explain the architecture of JAXM. (8)

(OR)

(b) (i) Compare traditional and business transaction models. (8)

(ii) List the XML based security standard and explain them. (8)