1. DIFFERENCE BETWEEN SOAP AND RESTful API ?

SOAP REST

1. It stands for Simple Object Access Protocol A. It stands for Representation State T Transfer.
2. It is a protocol B. It is an architectural style.
3. SOAP uses services interfaces to expose C. REST uses URL to expose business business logic. logic
4. It requires more bandwidth. D. It requires less bandwidth.
5. SOAP permits XML data only. E. REST permits different data format

like text, HTML, XML , JSON etc.

1. SOAP defines its own security. F. RESTful webservices inherits security

measures from the underlying transport.

1. What are HTTP methods ?

Ans. There are 8 methods in HTTP :

* 1. GET – Use to retrieve information from the given server using a given URL.
  2. HEAD – Same as GET but transfers the status line and header section only.
  3. POST – Used to send data to the server.
  4. PUT – Replaces all the current representations of the target resource with the uploaded content.
  5. DELETE – Removes all current repositories of the target resource given by all.
  6. CONNECT – Establishes a tunnel to the server identified by a given URL.
  7. OPTIONS – Describes the communication options for the target resources.
  8. TRACE – Performs a message loop-back test along the path to the target resource.