**Basic concepts of networking**

1) Show some networking terminologies given below?  
  
A) IP Address B) Protocol C) MAC Address **D) All mentioned above**

2) TCP,FTP,Telnet,SMTP,POP etc. are examples of ?  
  
A) Socket B) IP Address **C) Protocol** D) MAC Address

3) Which classes are used for connection-oriented socket programming?  
  
A) Socket B) ServerSocket **C) Both A & B** D) None of the above

4) Which class can be used to create a server socket. This object is used to establish communication with the clients?  
  
**A) ServerSocket**B) Socket  
C) Both A & B  
D) None of the above

5) Which methods are commonly used in ServerSocket class?  
  
A) public OutputStream getOutputStream()  
**B) public Socket accept()**C) public synchronized void close()  
D) None of the above

6) URL is an acronym for?  
  
**A) Uniform Resource Locator**B) Unified Resource Locator  
C) Uniform Restore Locator  
D) Unified Restore Locator

7) The URLConnection class can be used to read and write data to the specified resource referred by the URL?  
  
**A) True** B) False

8) The java.net.InetAddress class represents an?  
  
A) Socket  
**B) IP Address**C) Protocol  
D) MAC Address

9) In InetAddress class which method it returns the host name of the IP Address?  
  
**A) public String getHostName()**B) public String getHostAddress()  
C) public static InetAddress getLocalHost()   
D) None of the above

10) Which classes are used for connection-less socket programming?  
  
A) DatagramSocket  
B) DatagramPacket  
**C) Both A & B**D) None of the above

11) Which class is message that can be sent or received. If you send multiple packet, it may arrive in any order,Moreover, packet delivery is not guaranteed?  
  
**A) DatagramPacket**B) DatagramSocket  
C) Both A & B  
D) None of the above

12) Which constructor of DatagramSocket class is used that it creates a datagram socket and binds it with the given Port Number?  
  
A) DatagramSocket(int port)  
**B) DatagramSocket(int port, InetAddress address)**C) DatagramSocket()  
D) None of the above

13) Which steps occur when establishing a TCP connection between two computers using sockets?  
  
A) The server instantiates a ServerSocket object, denoting which port number communication is to occur on  
B) The server invokes the accept() method of the ServerSocket class. This method waits until a client connects to the server on the given port  
C) After the server is waiting, a client instantiates a Socket object, specifying the server name and port number to connect to  
**D) All of the above**

14) The flush() method of PrintStream class flushes any uncleared buffers in memory?  
  
**A) True** B) False

15) Which method of URL class represents a URL and has complete set of methods to manipulate URL in Java?  
  
**A) java.net.URL**B) java.net.URLConnection  
C) Both A & B  
D) None of the above

16) URL stands for Uniform Resource Locator and represents a resource on the World Wide Web, such as a Web page or FTP directory?  
  
**A) True** B) False

17) Which package provides core functionality?  
  
A) java.net B) java.rmi **C) java.lang** D) java.math

18) These networking classes encapsulate the "socket" paradigm pioneered in the (BSD) Give the abbrevation of BSD?  
  
**A) Berkeley Software Distribution**B) Berkeley Socket Distribution  
C) Berkeley System Distribution  
D) None of the above

19) Which class is used to create servers that listen for either local client or remote client programs?  
  
**A) ServerSockets** B) httpServer C) httpResponse D) None of the above

20) The client in socket programming must know which informations?  
  
A) IPaddress of Server B) Port number **C) Both A & B** D) None of the above

21) Datagram is basically an information but there is no guarantee of its content, arrival or arrival time.  
  
**A) True** B) False

22) The DatagramSocket and DatagramPacket classes are not used for connection-less socket programming.  
  
A) True **B) False**