

Name:.....

Register No:.....

UNIVERSITY OF CALICUT

First Semester Gateway to Information Technology Examination

MODEL QUESTION PAPER

GIT1C02 – Computer Network and Internet

(With effect from 2012 Admission)

Time: 3 Hours

Total Marks: 100

Part A

(Answer any 15; Each Question carries 1 mark)

1. How long is an IPv6 address? (a) 32 bits (b) 64 bits (c) 128 bytes (d) 128 bits.
2. A network, which is used for communicating devices in a building, is called (a) MAN (b) LAN (c) WAN (d) PAN.
3. Capacity of floppy disk is (a) 1.44 MB (b) 4.7 GB (c) 700 MB (d) 100 MB.
4. Pick the odd man out (a) CD (b) Floppy (c) Pendrive (d) Hard disk.
5. A huge collection of information arranged for quick retrieval by a computer is known as. (a) Search engine (b) Database (c) Deep web (d) URL.
6. 1 Kilobyte = ----- bytes. (a) 1000 (b) 1024 (c) 100 (d) 2000.
7. Which term describes hardware or software that protects your computer or network from probing or malicious users? (a) Router (b) Firewall (c) Protocol (d) Spyware.
8. Expansion of HTTP is (a) Hyper Text Transfer Protocol (b) Hyper Text Transmission Protocol (c) Hyper Text Transaction Protocol (d) Hyper Text Translation Protocol.
9. Pick the odd man out (a) Mozilla (b) Google chrome (c) Explorer (d) Flash player.
10. A Language that is used to create web pages. (a) C (b) HTML (c) C++ (d) Oracle.
11. ----- is the mail transfer protocol (a) SNMP (b) SMTP (c) HTTP (d) POP.
12. A fraudulent process of acquiring sensitive information such as username, passwords and credit card details by disguising as a trustworthy entity in an electronic communication is called. (a) Phishing (b) Spamming (c) Spoofing (d) Web Jacking.
13. The device which is used to connect two LANs (a) Router (b) Repeater (c) Bridges (d) Switches.
14. Which technology enables you to make voice calls over your computer network? (a) Internet voice protocol (b) Voice over IP (c) Digital telephony subscriber (d) Universal Asynchronous Receiver Transmitter.
15. Which of the following condition is used to transmit two packets over a medium at the same time? (a) Contention (b) Collision (c) Synchronous (d) Asynchronous.

16. The topology with highest reliability is (a) Star (b) Ring (c) Mesh (d) Bus.
17. The method of communication in which transmission takes place in both directions, but only in one direction at a time is called? (a) Simplex (b) Full Duplex (c) Half duplex (d) Four wire circuit.
18. Pick the odd man out (a) Avast (b) Avira (c) McAfee (d) Photoshop.
19. What is the tag used with table tag to create a row in a table (a) <tr> (b) <th> (c) <td> (d)
.
20. What is the attribute used to display a back ground color (a) background (b) bgcolor (c) color (d) bcolor.

Part B

(Answer any 10; Each Question carries 2 marks)

21. The way in which computers are arranged in a network is called -----
22. RAM is ----- memory.
23. Expansion of .com is -----
24. Softwares such as Explorer and Firefox are referred as -----
25. ----- is an interface between user and computer hardware.
26. Expansion of URL is -----.
27. HTML stand for -----
28. Father of modern computer is-----
29. ----- is a type of communication service that enables you to create a kind of private chat room with another individual in order to communicate in real time over the Internet.
30. Set of rules and regulations that are used for communication is called -----.
31. Binary information in a digital computer is stored in -----
32. ----- is the act of disguising one computer to electronically “look” like another computer, in order to gain access to a system that would be normally is restricted..
33. ----- Tag is used to include JavaScript or VBScript inside the document.
34. ----- converts domain name into IP address.
35. ----- is an example for a search engine.

Part C

(Answer any 10; Each Question carries 3 marks)

36. Define Information Technology.
37. What is an ISP?
38. Explain e-Governance.
39. What is Internet?
40. Write down the basic terminologies in the internet.
41. Define WWW.
42. Explain search engine. Give examples.
43. How a system can be uniquely identified in a computer network?

44. What is the difference between ipv4 and ipv6?
45. What is a blog, and what is its relevance?
46. Define spyware.
47. What is a worm? How it differ from computer Viruses?
48. Explain the creation of tables in HTML.
49. Briefly explain the form in HTML.
50. How a picture can be added to a HTML page?

Part D

(Answer any 7; Each Question carries 5 marks)

51. Explain different types of computer networks.
52. Give an overview about various applications of Internet.
53. “Computers used for Information storage”. Justify your answer.
54. Explain the methods that are used to connect internet.
55. Explain the working of e-mail.
56. What is a computer virus? Explain different categories of viruses.
57. Explain Cyber crimes and significance of Cyber laws.
58. With suitable example explain the creation of an HTML page.
59. Explain the tags in the HTML with suitable example.
60. Explain the working of various networking devices.
