

TABLE

OF SOLUTIONS



Go to the Solution of any Question by Clicking on the Question's  Page No.

OBJECTIVE QUESTIONS

Q3 , Q4 , Q5 , Q10 , Q11 , Q13 , Q14 , Q16 , Q17 , Q19 , Q20 , Q21 , Q22

Page
01

Q23 , Q25 , Q26 , Q27 , Q29 , Q31 , Q34 , Q35 , Q36 , Q37 , Q40

Page
01

Q41 , Q42 , Q43 , Q44 , Q47 , Q49 , Q50 , Q51 , Q54 , Q57 , Q58

Page
02

Q60 , Q61

Page
02

COMPETENCY QUESTIONS

Q64 , Q67 , Q68 , Q69 , Q71

Page
02

Q73 , Q74 , Q75 , Q78 , Q79 , Q80 , Q81

Page
03

SHORT ANSWER QUESTIONS (SA-I)

Q85 , Q87 , Q89 , Q90

Page
03

Q93

Page
04

SHORT ANSWER QUESTIONS (SA-II)

Q96 , Q98 , Q99

Page
04

SELF PRACTICE

3. (a) Web browser



Related Theory

- ↳ Navigating from one page to another on the Internet or exploring the web for searching a topic is known as net surfing.

4. (b) FTP

5. (d) Rediffmail

10. (c) TV+ Ghaziabad – LG

Explanation: While searching in a Search engine +(plus symbol) is used to match options whereas hyphen (or minus symbol) is used to remove options.



Related Theory

- ↳ “AND”, “OR” and “NOT” are also used in search words to get options. Using OR will tell search engine to look for either options. Similarly AND will look for both the options. NOT is used to exclude the option.

11. (a) Uploading

13. (b) Blind carbon copy

14. (d) video conferencing

16. (d) www.amazon.com

Explanation: Amazon is the world's largest online retailer where a customer can find a large variety of products.

Yahoomail is a mailservers, www.hdfc.com is an e-banking site and www.msn.com is a news portal.



Related Theory

- ↳ The process of buying goods and services over Internet is called e-shopping or online shopping.

17. (c) E-reservation

Explanation: E-reservation includes the process of booking/ reservation of tickets, hotel rooms, tourist packages etc. through internet.

19. (c) Practical assignments are not possible through e-learning

20. (b) Facebook

Explanation: Facebook is a social networking site whereas Zoom, Skype and Google meet

are all applications used for video conferencing.



Related Theory

- ↳ A social networking service is an online platform used by people to build social networks or social relationships with other people.

21. (d) All of above

22. (b) (b) Pressure to portray oneself greater than others

23. (d) Make a video call to other members

25. (a) Government to Employee



Related Theory

- ↳ Government to Employee (G2E) is an E-governance category the main aim of which is to bring employees together on a single platform to improve knowledge sharing. It also provides online facilities to the employees for leave application, viewing salary record and checking their balance holidays.

26. (b) G2D

27. (c) Multimedia Messaging Service

29. (d) A



Related Theory

- ↳ Using web, especially E-shopping and social media pose some security concerns. These are social engineering, snooping, sniffing the network, guessing passwords and Phishing.

31. 4G

34. SMS

35. Synchronous learning

Explanation: Synchronous learning is led by an instructor and all the learners are to be present online at the same time. It uses a virtual classroom or web conferencing platform such as Zoom, Google classroom etc. It provides features like screen sharing, some interaction tools like screen annotation and chat.

36. CC

37. Chatting

40. The main purpose of search engine is to find information on any topic from the web.



41. www.gmail.com and www.yahoo.com



Related Theory

↳ To send and receive e-mail one must Subscribe to a mail server such as gmail, yahoo etc.

42. Multiple e-mail addresses can be defined by using commas between E-mail addresses.

43. Facebook, WhitePages, Pipl, TruthFinder and Yahoo search.

44. Flipkart.com, amazon.com

47.

Spam Mails	Junk Mails
Spam emails are unsolicited messages sent to a large number of people which can be malware, viruses, phishing links or other malicious content.	Junk emails are also unwanted mail but these are genuine messages for marketing, promotional, sales purposes etc.

49. The three types of email formats are:

- (1) Plain text
- (2) Rich text
- (3) HTML format

50. Following tips are helpful for searching:

- (1) Use quotation marks to find exact word.
- (2) Use a hyphen (or minus symbol) to remove options.

51. A chat room is a website or a part of some online services that provides an online place for users to communicate in real time.

54. E-reservation or online reservation is a process of checking the availability and booking of tickets, hotel rooms, tourist packages etc via internet.

57. E-group is an online community of like-minded individuals who come together virtually to discuss and share ideas, opinions, experiences and topics of their interests.

58. 3G, 4G.



Related Theory

↳ The 'G' in 3G and 4G stands for the generation of the mobile technology being used. 3G offers a maximum speed of 7.2 Mbps for downloads and 2 Mbps for uploads. A 4G network offers speed upto 100 Mbps while moving (in cars, trains etc.) and atleast 1 Gbps while stationary or low mobility

60. www.bookmyshow.com to book movie tickets, www.yatra.com to plan and book a tour package.

61. Disadvantages of e-shopping are

- (1) Quality of product may be poor.
- (2) There are certain security concerns related to e-shopping.

64. (A) E-mail means Electronic Mail. It is a method to exchange messages in digital form.

- (B) (a) Same delivery time anywhere in the world.



Related Theory

↳ Email takes lesser time in transmission as compared to conventional mail.



Caution

↳ The mail will not be read until the user logs on and checks his/her E-mail.

67. Computer, video camera, microphone and a high speed Internet connection along with an application such as zoom, skype or google meet that supports video calling.

68. (B) (c) Purchase of flight tickets

Explanation: The process of checking the availability and booking of tickets, hotel rooms, tourist packages etc via internet is called E-reservation or online reservation.

(C) (a) Myntra

(D) (d) All of above

(E) (b) Phishing

Explanation: Phishing is one of the most common cyber crime used to steal customers' credentials and payment details. In absence of security features, the cyber criminals use various techniques to get entry into the user's system. They use similar looking names of famous sites to collect the customers' details which later can be misused.

(G) (a) Same day delivery not possible

69. <http://knowindia.gov.in>

As the domain name suggests (.gov.in), it is a government portal and would provide authentic information about the searched item.

71. The reasons for choosing Internet banking are as follows:

- (1) It saves time as there is no need to stand in a queue for various types of transaction.



(2) It offers its customers 24/7 access to their bank accounts.

73. (A) (a) application of e-commerce technologies to government and public services.



Related Theory

↳ E-governance can be defined as an application of Information and Communication Technology (ICT) for providing government services electronically. It includes exchange of information, transactions, integration of previously existing services and information portals.

(B) (c) National e-governance Plan



Related Theory

↳ The National e-governance Plan (NeGP) has been formulated by the government to promote e-governance with a vision of "making all government services accessible to the common man in his locality".

(C) (b) G2G

(D) (d) G2E

(E) (a) Government to citizens

74. (A) They can book their travel tickets and hotel rooms in prior using online reservation facility.

(B) The payments for e-reservation are done using debit/credit card. The sensitive data can be compromised.

75. Bcc (blind carbon copy)

Bcc allows the sender to send the same mail message to multiple recipients without letting them know that some other person has also received the same message.

78. (C) (d) Yahoo



Related Theory

↳ E-group is avenue to create new friends. The groups can be public or private. Public groups let you meet people with same interests. There are lots of public groups available on various social networking sites in form of fan clubs etc.

(D) (b) Might be a time consuming work

(E) (d) All of above

(F) (c) I Seek You



Related Theory

↳ ICQ is another instant messaging program that enables you to chat with multiple users at same time. Therefore it is more of a community oriented program than other messaging programs.

79. (A) (d) All of the above

(C) (d) All of the above

(E) (c) Multi*

Explanation: The * is a wildcard to search for synonyms or variations of words. In the above example Multi* will return the pages that include Multiple, Multiprocessor, Multithread in other words all the pages that contain words beginning with 'multi'.

(F) (d) Typing a question

Explanation: Asking a question will search for a each and every word separately which may end up in matching hundreds and thousands of matches but most of being useless.

80. (A) (b) Personal interaction with the banking staff

(C) (d) All of the above

(D) (c) World wide

(F) Cash deposits/withdrawals

81. (B) (a) Save the file on the user's computer

(D) (d) All of the above

(E) (c) downloads

(F) (c) Depends on the data limit by the ISP

85. Downloading is the process of transferring files from a web server to client's computer. This process involves request being sent by the client to the host computer and host responding by transmitting the appropriate file.

87. Advantages

(1) E-mail is extremely cost effective.

(2) E-mail takes lesser time for transmitting data than conventional mail.

Disadvantages:

(1) Need of Internet connection to send/receive mail.

(2) Mail will not be read until the user logs on and checks the inbox.

89. E-mail messages are visible only to the sender and specified recipients while newsgroup messages can be read by anyone, who views the group in which the messages are posted.

90. Search engine is a Website that provides information required on specific content. It allows users to enter keywords related to particular topics to retrieve information from the web. The minus sign-in front of a word or

phrase means that the search engine should exclude that option while searching.

- 93.** Chatting refers to the communication between two or more individuals in form of text or multimedia over the Internet. It is a real-time communication between two or more users via computer or mobile device which means that the message sent by one user is immediately received by the other one.

Yes, for instant conversation, it is mandatory to be online while chatting.

 **Caution**

→ *Instant Messaging and chat are both real time conversations but both have a difference. In chat the users participates in a public chatroom where everyone in the chat room sees everything being posted by all other users. But IM is a private conversation between two people who are online at same time on same IM app.*

- 96.** Some merits of E-learning are as follows:

- (1) It saves travel time for off campus students.
- (2) Learners are free to manage their time and speed of learning.
- (3) Flexibility of time and place.
- (4) Part time students or anyone working full time can take advantage of web based learning.

- (5) Online discussion boards and chats, enables the learners to interact with everyone online and also get their doubts cleared.

- 98.** Some risks associated with social networking are as follows:

- (1) Personal information on public profiles can be misused.
- (2) Cyber stalking and bullying may take place
- (3) Many users can get addicted and they are likely to become attention seekers.
- (4) Due to peer pressure people can portray themselves greater than what they actually are.

- 99.** Some of the limitation of video conferencing are:

- (1) Requirement of spacial hardware and software for video confrencing.
- (2) People in different time zones hight find it difficult to attend the meeting at some time.
- (3) Proper internet conectivity is not avail-able in most places.

