

HOLIDAYS HOME WORK CLASS XII

Computer Science and Informatics Practices

NATHU RAM CONVENT SCHOOL

Social Impact:

1. What are intellectual property rights?
2. What do you understand by plagiarism? Why is it punishable offence?
3. What security measures should be taken against phishing attacks?
4. Describe some common forms of student plagiarism.
5. Differentiate between Proprietary License and Open Source License.
6. Ms. Shamita has many electronic gadgets which are not usable due to outdated hardware and software. Help her to find three best ways to dispose the used electronic gadgets.
7. Name the crimes for which cyber laws are enforced strictly in India.
8. What is IT Act 2000? What has been the impact of this Act?
9. Define e-waste. What are the various methods for effective e-waste management?
10. What do you understand by Hacking? List the preventive measures of Hacking.

Continue:

11. What is Cyberbullying? Write the common effects of cyberbullying.
12. What do you understand by data protection? Write the different ways in which we can protect our data.
13. Describe the measures to recycle your e-waste safely.
14. What is digital footprint? Why is it so important?
15. What is phishing? Explain with the help of an example.
16. What are the different rules we should follow while working on net?
17. What are the benefits of recycling of e-waste?
18. Explain different categories of cyber crime with the help of suitable examples.
19. How technology can affect mental health?
20. What do you understand by Internet Addiction Disorder. Give examples.

NETWORKING CONCEPTS

1. What is network?
2. What is the use of networking?
3. Write down some basic terminologies of networking.
4. State two reasons for which you may like to have a network of computers instead of having stand-alone computers.
5. Mention one advantage of networking.
6. What is WWW?
7. What can a user do with WWW?
8. Name two communication channels for network.
9. What is the difference between WAN and MAN? 10. What is the difference between LAN and MAN?
10. Differentiate between hub and switch.

CONTINUE:

11. Which type of network (out of LAN, PAN and MAN) is formed, when you connect two mobiles using Bluetooth to transfer a picture ?
12. Two doctors in the same room have connected their Palm Tops using Bluetooth for working on a group presentation. Out of the following, what kind of Network they have formed? LAN, MAN, PAN, WAN
13. What is the difference between LAN and WAN?
15. Give two examples of PAN and LAN type of networks.
16. What do you understand by backbone network?
17. Daniel has to share the data among various computers of his two office branches situated in the same city. Name the network (out of LAN, WAN, PAN and MAN) which is being formed in this process.
18. What was the role of ARPANET in computer network?
19. Differentiate between Internet and Intranet.
20. What is cloud computing?

CONTINUE

21. State two benefits of cloud computing.
22. Write five characteristics of cloud computing.
23. Define the term Bandwidth. Give any one unit of Bandwidth.
25. A company wants to form a network on its five computers with a server within the

General Instructions:

- ▶ Complete your Notebook.
- ▶ Do practice all practical exercise on computer (if available).
- ▶ Save all practical work and take printout (if possible), for practical file.
- ▶ Revise / Practice and Learn all notes.
- ▶ Do all work in Main Note book of IP.
- ▶ Watch all videos link which are provided at least three times to understand the topic.