

SOCIETAL IMPACTS

Assignment

Digital Footprints

1. Raman frequently posts updates about his personal life on various social media platforms, including pictures of his vacations and comments on current events. Which type of digital footprint does Raman create with his online activities?

- a) Active footprint
- b) Passive footprint
- c) Inactive footprint
- d) Insignificant footprint

2. Kanak often shops online and leaves reviews for products she purchases. Additionally, she frequently searches for information on various topics using search engines. What type of digital footprint is Kanak likely to leave as a result of her online activities?

- a) Active footprint
- b) Passive footprint
- c) Hybrid footprint
- d) Null footprint

3. Nitin is concerned about protecting his digital footprint. Which of the following actions would be most effective for Nitin to manage his digital footprint?

- a) Posting personal updates on social media regularly
- b) Sharing login details with friends and family
- c) Checking privacy settings regularly, especially on social media
- d) Ignoring software updates and security patches

4. Payal wants to minimize her passive digital footprint. Which of the following activities is likely to contribute to the expansion of her passive digital footprint?

- a) Logging out of her accounts after each online session
- b) Deleting old accounts, she no longer uses
- c) Using public Wi-Fi networks for online activities
- d) Avoiding online purchases and reviews

5. Jatin wants to protect his digital footprint while using online platforms. Which of the following strategies would best help Jatin achieve this goal?

- a) Using weak and easily guessable passwords for online accounts
- b) Being inconsistent in his online interactions and statements
- c) Regularly updating software and applications on his devices
- d) Sharing personal information freely on public forums and websites

Net And Communication Etiquettes

6. Kanak found a well-written article online and wants to share it on her blog. Is it appropriate for Kanak to copy and paste the article without giving credit to the original author?

- a) Yes, as long as Kanak finds the article helpful.
- b) No, it is against copyright laws to copy someone else's work without permission.
- c) Maybe, depending on whether Kanak adds her own thoughts to the article.
- d) Maybe, depending on whether the article is cited in Kanak's blog.

Answer: b)

7. Nitin disagrees with a friend's opinion on social media and wants to express his disagreement. What should Nitin keep in mind to maintain respectful communication?

- a) Nitin should use offensive language to make his point clear.
- b) Nitin should refrain from expressing his opinion to avoid conflict.
- c) Nitin should show respect for his friend's opinion and avoid name-calling.
- d) Nitin should gossip about his friend's opinion to others.

Answer: c)

8. Payal received a message from a classmate that contains inappropriate content. What should Payal do before forwarding the message to others?

- a) Payal should forward the message to everyone in her contact list.
- b) Payal should delete the message without checking its authenticity.
- c) Payal should verify the authenticity of the message before forwarding it.
- d) Payal should forward the message without any changes.

Answer: c)

9. Jatin wants to explain a concept to his colleague via email. Which communication etiquette should Jatin follow to ensure clarity?

- a) Jatin should use long and complex sentences to explain the concept thoroughly.
- b) Jatin should use short and clear sentences to explain the concept.
- c) Jatin should use technical jargon to sound more knowledgeable.
- d) Jatin should avoid providing any explanation to his colleague.

Answer: b)

10. Laura received a rude comment on her social media post. How should Laura respond to maintain respectful communication?

- a) Laura should retaliate with a rude comment.
- b) Laura should delete the rude comment without responding.
- c) Laura should respond politely and address the issue calmly.
- d) Laura should share the rude comment with others to gain sympathy.

Answer: c)

11. Thomas wants to ensure the security of his social media account. What should Thomas do to enhance security?

- a) Thomas should choose a short and simple password.
- b) Thomas should accept friend requests from unknown individuals.
- c) Thomas should use a long and strong password.
- d) Thomas should share personal information openly.

Answer: c)

12. Emma wants to share a news article on her social media profile. What should Emma consider before sharing the article?

- a) Emma should share the article without reading it.

- b) Emma should verify the authenticity of the article before sharing.
- c) Emma should share the article with a catchy headline.
- d) Emma should share the article without giving credit to the original source.

Answer: b)

13. James wants to express his disagreement with a colleague's idea during an online meeting. What communication etiquette should James follow?

- a) James should interrupt his colleague and raise his voice to express disagreement.
- b) James should remain silent to avoid confrontation.
- c) James should wait for his turn to speak and express his disagreement respectfully.
- d) James should send a private message to his colleague expressing his disagreement.

Answer: c)

14. Kanak wants to create a strong password for her social media account. Which type of password would be the most secure?

- a) A password consisting of only letters.
- b) A password consisting of only numbers.
- c) A password consisting of a combination of letters, numbers, and special characters.
- d) A password consisting of her name and birthdate.

Answer: c)

15. Nitin received a friend request from an unknown individual on social media. What should Nitin do before accepting the friend request?

- a) Nitin should accept the friend request without any hesitation.
- b) Nitin should reject the friend request without checking the profile.
- c) Nitin should review the profile and mutual connections before accepting the friend request.
- d) Nitin should share personal information with the unknown individual.

Answer: c)

Data Protection and Intellectual Property Rights (IPR)

16. John wants to ensure the security of his digital information. Which of the following best practices should John follow to protect his sensitive data?

- a) Ignoring software updates and security patches
- b) Using weak passwords for online accounts
- c) Regularly updating software and applications on his devices
- d) Sharing personal information freely on public forums

17. Kanak is a photographer who wants to protect her original works from unauthorized use. Which legal mechanism should Kanak use to safeguard her photographs?

- a) Patent
- b) Copyright
- c) Trademark
- d) License

18. James wants to use a copyrighted song in a video he is creating. Which type of agreement should James obtain to legally use the song?

- a) Copyright infringement agreement
- b) Patent agreement
- c) Trademark licensing agreement
- d) License agreement

19. Emma is accused of presenting someone else's work as her own in her research paper. Which term best describes Emma's action?

- a) Copyright infringement
- b) Trademark infringement
- c) Plagiarism
- d) License violation

20. Nitin wants to share his software with others while ensuring that they have the freedom to modify and distribute it. Which type of license should Nitin consider?

- a) GNU General Public License (GPL)
- b) Creative Commons License (CC)
- c) Apache License

d) Trademark License

21. Jatin discovers that his patented invention has been copied and sold by another company without his permission. Which term best describes this situation?

a) Trademark infringement

b) Copyright infringement

c) Patent infringement

d) License violation

22. Laura is considering trademarking her company's logo to protect its brand identity. Which type of legal protection should Laura seek?

a) Copyright

b) Patent

c) Trademark

d) License

23. Thomas wants to determine if his invention is patentable. Where should Thomas conduct a search to check for existing patents?

a) Intellectual Property India

b) International Patent Office

c) World Intellectual Property Organization

d) United States Patent and Trademark Office

24. Payal's copyrighted artwork has been used without her permission in a commercial advertisement. What remedy can Payal seek to address this copyright infringement?

a) Confiscation of property used to create infringing products

b) Cease and desist order

c) Monetary damages for compensation

d) All of the above

FREE AND OPEN SOURCE SOFTWARE (FOSS)

25. What does FOSS stand for?

- a) Free or Open Source Software
- b) Fully Owned Software Solutions
- c) Fast Operating System Software
- d) Functional Object-Oriented Software

Answer: a) Free or Open Source Software**

26. What is a characteristic of FOSS programs?

- a) Restricted usage and distribution
- b) Limited modification options
- c) Free run, modification, and distribution rights
- d) Proprietary licenses only

Answer: c)

27. Why is access to the source code important in FOSS technology?

- a) It increases the cost of development
- b) It limits users' ability to fix faults
- c) It simplifies fault fixing and application improvement
- d) It restricts the development process

Answer: c)

28. Which of the following is NOT an example of FOSS?

- a) Ubuntu
- b) Google Chrome OS
- c) Microsoft Windows
- d) Python

Answer: c)

29. What type of software includes GIMP, Inkscape, and Blender?

- a) Operating systems
- b) Graphics and multimedia

- c) Programming languages
- d) Database management systems

Answer: b) Graphics and multimedia

Cybercrime And Cyber Laws

30. What is cybercrime?

- a) Criminal activity that involves physical harm
- b) Criminal activity that targets or uses a computer or networked device
- c) Criminal activity that occurs only in physical locations
- d) Criminal activity that targets buildings and infrastructure

Answer: b)

31. Which of the following is an example of cybercrime that targets computers?

- a) Cyberbullying
- b) Hacking
- c) Cyberstalking
- d) Phishing

Answer: b)

32. What is phishing?

- a) Sending harmful viruses through email
- b) Spreading false information online
- c) Using electronic communication to exploit users for personal information
- d) Manipulating computer networks to commit crimes

Answer: c)

33. How is cyberbullying defined?

- a) Sending positive messages through digital devices
- b) Bullying that takes place over digital devices causing harm or humiliation
- c) Providing support to others online
- d) Protecting personal information online

Answer: b)

34. What are some tips to combat cybercrimes?

- a) Keep software updated, use strong passwords, and never open attachments in spam emails
- b) Share personal information freely on social media
- c) Click on links in spam emails to verify authenticity
- d) Download software from any website without verifying its authenticity

Answer: a)

35. What is the primary law in India dealing with cybercrime and electronic commerce?

- a) Indian Penal Code
- b) Information Technology Act, 2000
- c) Cybercrime Prevention Act
- d) Digital Security Act

Answer: b)

36. How does hacking differ from phishing?

- a) Hacking involves sending harmful emails, while phishing involves unauthorized entry into a network
- b) Hacking is unauthorized entry into a network to steal or manipulate information, while phishing exploits users to obtain personal information
- c) Hacking is a form of cyberbullying, while phishing targets computers with malware
- d) Hacking uses social engineering techniques, while phishing uses computer programs

Answer: b)

37. What is the purpose of the Indian Information Technology Act, 2000?

- a) To regulate social media platforms
- b) To outline cybercrimes and penalties
- c) To restrict access to the internet
- d) To promote cyberbullying prevention programs

Answer: b) To outline cybercrimes and penalties

38. Which of the following is NOT a common type of phishing attack?

- a) Spear Phishing

- b) Vishing
- c) Whaling
- d) Smuggling

Answer: d) Smuggling

39. How can individuals protect themselves from cybercrimes?

- a) Share personal information freely online
- b) Use weak passwords for convenience
- c) Be cautious of untrusted websites and emails, and keep software updated
- d) Click on links in unsolicited emails for offers and discounts

Answer: c)

E-Waste: Hazards And Management

40. What items are included in the category of e-waste?

- a) Household appliances only
- b) Plastics and toxic chemicals
- c) Computers, mobile phones, refrigerators, and more
- d) Food waste and organic materials

Answer: c)

41. What are the health hazards associated with improper handling of e-waste?

- a) Eye strain and headaches
- b) Respiratory issues and skin ailments
- c) Digestive problems and allergies
- d) Joint pain and fatigue

Answer: b)

42. How do pollutants from e-waste affect the environment and human health?

- a) They have no impact on the environment
- b) They lead to increased fertility rates
- c) They cause reproductive issues and developmental problems

d) They improve immune system function

Answer: c)

43. How do humans come into contact with harmful chemicals present in e-waste?

a) Through ingestion only

b) Through inhalation, skin absorption, or ingestion

c) Through visual contact

d) Through hearing

Answer: b)

44. Which of the following health hazards can result from exposure to e-waste toxins?

a) Increased energy levels

b) Enhanced immune system function

c) Damage to the nervous system

d) Improved muscle strength

Answer: c)

45. How does NGO's contribute to e-waste management?

a) By producing more e-waste

b) By organizing community clean-up events

c) By deploying collection vans and increasing awareness

d) By ignoring the issue of e-waste entirely

Answer: c)

46. In what ways can humans be exposed to toxins from e-waste?

a) Only through ingestion

b) Only through inhalation

c) Through inhalation, skin absorption, or ingestion

d) Only through visual contact

Answer: c)

47. Why is it important to find sustainable ways to dispose of e-waste?

a) To increase pollution

b) To improve environmental and human health

- c) To decrease awareness about e-waste hazards
- d) To promote industrial growth

Answer: b)

Awareness About Health Concerns Related To The Usage Of Technology

48. Payal spends long hours on her computer for work and often experiences discomfort in her neck and shoulders. What step can Payal take to alleviate this issue?

- a) Payal should reduce her screen time.
- b) Payal should increase the font size on her computer.
- c) Payal should take frequent breaks to stretch.
- d) Payal should position herself closer to the screen.

Answer: c)

49. Nitin notices that his eyes feel strained after spending hours on his smartphone. What action can Nitin take to reduce digital eye strain?

- a) Nitin should decrease his screen brightness.
- b) Nitin should increase his screen time.
- c) Nitin should avoid taking breaks from his phone.
- d) Nitin should follow the 20-20-20 rule.

Answer: d)

50. Kanak experiences wrist pain after typing on her computer for extended periods. What measure can Kanak implement to prevent repetitive strain injuries?

- a) Kanak should avoid taking breaks from typing.
- b) Kanak should maintain proper posture while typing.
- c) Kanak should position herself farther from the screen.
- d) Kanak should decrease the font size on her computer.

Answer: b) Kanak should maintain proper posture while typing.

51. Jatin notices that he often feels tired and restless after using his tablet before bed. What step can Jatin take to improve his sleep quality?

- a) Jatin should increase his screen time before bedtime.
- b) Jatin should reduce overhead lighting to eliminate screen glare.

- c) Jatin should position himself closer to the screen.
- d) Jatin should avoid using his tablet before bedtime.

Answer: d) Jatin should avoid using his tablet before bedtime.

53. James often experiences discomfort in his back while using his laptop. What step can James take to create an ergonomic workspace?

- a) James should maintain improper posture while using his laptop.
- b) James should position himself at arm's distance away from the screen.
- c) James should avoid taking breaks from his laptop.
- d) James should increase overhead lighting to eliminate screen glare.

Answer: b)

54. Emma notices that she often feels overwhelmed and stressed due to constant notifications on her smartphone. What action can Emma take to reduce distraction?

- a) Emma should disable notifications on her smartphone.
- b) Emma should increase her screen time.
- c) Emma should position herself closer to the screen.
- d) Emma should ignore her notifications.

Answer: a) Emma should disable notifications on her smartphone.

55. Thomas experiences neck strain after spending long hours playing video games. What measure can Thomas implement to alleviate this issue?

- a) Thomas should maintain improper posture while playing.
- b) Thomas should take frequent breaks to stretch.
- c) Thomas should avoid taking breaks from playing.
- d) Thomas should increase the brightness of his screen.

Answer: b) Thomas should take frequent breaks to stretch.

56. Kanak notices that she often feels anxious and restless after spending hours on social media platforms. What action can Kanak take to improve her mental health?

- a) Kanak should increase her screen time on social media.
- b) Kanak should decrease her screen time on social media.
- c) Kanak should avoid taking breaks from social media.
- d) Kanak should ignore her feelings of anxiety.

Answer: b)