UNIT 1 – Basics, Principles & Licensing

1. What is Free Software?

2. What is Open-Source Software?

3. Difference between Free and Open-Source Software.

4. Difference between Proprietary and Open-Source Software.

5. Explain Software Freedom.

6. What are Open-Source Standards?

7. Mention key requirements of Open-Source Software.

8. State two main principles of Open Source.

9. What is Shared Software?

10. Write short note on FOSS as a Business Strategy.

11. Write short note on the history of Free Software.

12. Role of Free Software Foundation (FSF) and GNU Project.

13. Pros and cons of FOSS.

14. What are Open-Source Hardware and its uses?

15. Explain Copyright and Copyleft.

16. Difference between Free and Proprietary Licensing.

17. Why is Licensing important in FOSS?

18. What are income-generation opportunities in FOSS?

19. Explain Open Standards and their benefits.

20. Role of Wikipedia in Open-Source contribution.

21. Write short note on WordPress and its impact on start-ups.

22. Give one example of Open-Source Software and its use.

UNIT 2 – Collaboration, Ecosystem & Ethics

23. Importance of community in Open-Source projects.

24. How can individuals contribute to Open Source?

25. What is GitHub?

26. Steps to contribute to projects using GitHub.

27. What is Open-Source Government? Give example.

28. Role of Open Source in government projects.

29. Social impact of Open-Source Technology.

30. Financial impact of Open-Source Technology.

31. Ethical issues in Open-Source Software.

32. Features of Open-Source Operating Systems (Android/Linux).

33. Role of Open Source in office tools (LibreOffice/OpenOffice).

34. Case study – Any one Open-Source project (e.g., Apache, Linux, Wikipedia, Mozilla, WordPress, GIT).