



ASSIGNMENT NO. 6

SUBJECT: INFORMATICS PRACTICES

CLASS-XI

Dec,2025

Emerging Trends

- Q1. What are emerging trends in technology? Give two examples.
- Q2. Define the term Artificial Intelligence (AI).
- Q3. What is Machine Learning? How is it related to AI?
- Q4. Give two real-life applications of AI used in daily life.
- Q5. What do you understand by Big Data?
- Q6. State any two characteristics of Big Data.
- Q7. What is IoT (Internet of Things)? Give one example.
- Q8. How does a smart home use IoT devices?
- Q9. Define Cloud Computing. Mention any two cloud service providers.
- Q10. What is the difference between IaaS and SaaS?
- Q11. Explain Virtual Reality (VR) with one example.
- Q12. What is Augmented Reality (AR)? How is it different from VR?
- Q13. Define Blockchain. Name any one cryptocurrency based on it.
- Q14. What is the role of blockchain in ensuring data security?
- Q15. What do you understand by 3D Printing? Mention one advantage.
- Q16. Explain robotics. Give two areas where robots are used.
- Q17. What are smart cities? Write two features of a smart city.
- Q18. List any three advantages of cloud computing for students or small businesses.
- Q19. Explain the term automation. Give one example from industry.
- Q20. What is NLP, Give some applications of NLP?