

**Bsc 4<sup>th</sup> semester Computer science (H)**  
**Paper-C9T Subject: software engineering**

**(Answer any one question from the following)**

- 1. a. What is Software Development Life Cycle (SDLC)?**  
**b. What are various phases of SDLC & describe it.**  
**c. What does software project manager do?**
  
- 2. a. What is project estimation?**  
**b. How can we derive the size of software product using LOC method. describe with suitable example?**  
**c. What is function points?**
  
- 3. a. What is software re-engineering?**  
**b. What are CASE tools?**  
**c. What are various types of software maintenance?**
  
- 4. a. Differentiate validation and verification?**  
**b. Sort note about cohesion and coupling?**  
**c. What is black-box and white-box testing?**
  
- 5. a. Explain the classical waterfall model in detail.**  
**b. What is the difference between function oriented and object oriented design?**  
**c. What is data dictionary?**

Send your answer scripts to: [barun.kgec@gmail.com](mailto:barun.kgec@gmail.com)