

S-2/2110

SOFTWARE ENGINEERING (B.VSD-212)

10785/NK

B.VOC SD PART-II (SEMESTER 3<sup>rd</sup>)

Time: 2 hrs

MM: 60

Note: Attempt any four questions. All questions carries equal marks

1. Define term software. What are its characteristics.
2. Discuss main features of spiral model.
3. How structured analysis is carried out?
4. Write a note on uncertainties in cost estimation.
5. Discuss different design objectives.
6. Write a note on top-down design technique.
7. Explain in detail module specification.
8. What is structured programming.
9. Attempt all parts
  - (i) What is real time software?
  - (ii) Write goals of software engg.
  - (iii) Write stages of software development
  - (iv) Write characteristics of SRS.
  - (v) Define term verification
  - (vi) What is 0 level DFD?
  - (vii) What is data abstraction?
  - (viii) Name few programming styles.
  - (ix) What is single variable model?
  - (x) List any four coding guidelines.
  - (xi) What is structured design methodology?
  - (xii) What is data dictionary?