Max.Marks: 15

Note: Section 'A' & 'B' containing 1 very short-answer-type questions, is compulsory. Section 'C' consists of short answer typequestions and Section 'D' consists of long answer typequestions.

Section - 'A'
Answer the following very short-answer-type questions in one or two sentences: (1×1=1)

Q.1 Define Software product?

Section - 'B'
Answer the following very short-answer-type questions in one or two sentences: (1×1=1)

Q.2 What is SRS?

Section - 'C'
Answer the following long answer type questions in word limit 150-200:   (2½×2=5)

Q.1 Explain Software engineering and its advantages and disadvantages?
OR
   Explain life cycle of Software?

Q.2 Explain DFD? Explain Gane Sarson and Codd Yourdon Notation used in DFD with Example?
OR
   What is Object Oriented Design? Explain Booch Methodology?

Section - 'D'
Answer the following long-answer-type questions with word limit 300-350: (4x2=8)

Q.1 Explain Waterfall Model and Spiral Model along with advantages and disadvantages?
OR
   What is Software Analysis? Explain different specification tools used in Software analysis?

Q.2 Explain Cohesion and Coupling in detail?

OR
   Explain design Metrics and design documentation standard