

ST. XAVIER'S COLLEGE
Midterm Examination
BIM VI/2008

Subject: : ITC 225 – Software Engineering

Full Marks: 40

Time: 2 hours

Pass Marks: 20

Candidates are required to write their answer in their own words as far as practicable.

Attempt ALL questions.

Brief answer questions.

[5 x 1 = 5]

- Q.1.** Define software engineering process.
- Q.2.** What is the difference between incremental software development model and prototyping model?
- Q.3.** What are the attributes of good software?
- Q.4.** What are the software myths?
- Q.5.** Define software crisis?

Long answer questions.

[5 x 7 = 35]

- Q. 1.** What is system modeling? Draw system model of your project.
- Q. 2.** Differentiate between the product and the process with suitable example.
- Q. 3.** Explain the stages of risk management.
- Q. 4.** Estimate the effort and time requirement of your project using function-point metric.
- Q. 5.** Explain different types of non-functional requirements and their impact in software development project. What are the non-functional requirements of your project?