SURVEY ON SRS

IEEE format:

This includes the following sections.
- Introduction
- Overall Description
- External Interface Requirements
- System features
- Other Non Functional Requirements
- Other Requirements

IBM format:

USE CASE models are included in IBM format.
Number of sections and sub-sections to be written are less compared to IEEE format.
This format inclides the following sections:
- Introduction
- Overall description
- Specific Requirements
- Supporting Information
- Concerns / Queries

TCS format:

In TCS format Acronyms and Abbreviations are specified first.
The number of sections to be written are more compared to the IEEE format.
The extra sections include SOFTWARE SAFETY, SPECIFIC TCS SOFTWARE REQUIREMENTS, DELIVERABLES, CONFIGURATION CONTROL.

- Software Safety includes Safety certificate, Communication integrity, Initialisation, Start-up and Shut down procedure.
- Generic software requirements include Naming and tagging conventions, remote initialisation, data, cyclic execution, Data time stamping, Modular design, Data resolution, I/O validation, Synchronisation, Unused code, Self changing code, Manual operations and communication methods.
- Specific TCS Software requirements include Operating Systems, Development Software, Application Software, Man-Machine interfaces.
- Deliverables include minimum items that shall be delivered for each software item.

INFOSYS format:

The number of section to be written are less compared to IEEE format, but it includes all the important requirements to be included. But this format does not include overall description of the product.