

**Bankura Sammilani College**  
**B.Sc. 4<sup>th</sup> Semester (Honours) Practical Examination 2022**  
**Course Title: Software Engineering (Core 9)**

Full Marks: 15

Time: 2 Hours

(Experiment :10 + Viva: 5)

Answer any **one** question:

10

1. Draw a DFD for College Automation System.  
Draw and explain an ERD for College Automation System. 4+6=10
2. Draw a DFD for Library Management System.  
Draw and explain an ERD for Library Management System. 4+6=10
3. Draw a DFD for Hospital Management System.  
Draw and explain an ERD for Hospital Management System. 4+6=10
4. Draw a DFD for Banking Management System.  
Draw and explain an ERD for Banking Management System. 4+6=10
5. Draw a DFD for Online Shop Management System.  
Draw and explain an ERD for Online Shop Management System. 4+6=10

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