

## CBCS SCHEME

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18CS35

**Third Semester B.E. Degree Examination, Aug./Sept.2020**  
**Software Engineering**

Time: 3 hrs.

Max. Marks: 100

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

**Module-1**

1. a. Define Software Engineering. Bring out the differences between good and bad software. List Software Engineering attributes. (10 Marks)  
 b. Explain Incremental Development process model with a neat block diagram. List its benefits and problems. (10 Marks)

**OR**

2. a. Illustrate Requirement Engineering process with a neat block diagram. (10 Marks)  
 b. Explain the IEEE standard requirements document with its structure. (10 Marks)

**Module-2**

3. a. Define object orientation, list and explain the aspects of object oriented approach. (10 Marks)  
 b. List and explain the object oriented theories which support object oriented technology. (10 Marks)

**OR**

4. a. Briefly explain Links, Associations, Ordering, Bags and Sequences with an example each. (10 Marks)  
 b. Explain Generalization and Inheritance with an example each. (10 Marks)

**Module-3**

5. a. What is system modeling? Explain the different perspective that the system model developed. (10 Marks)  
 b. Illustrate sequence diagram with an example to view patient information. (10 Marks)

**OR**

6. a. Explain Event-driven model with state diagram of microwave oven application. (10 Marks)  
 b. Define design patterns, briefly explain the essential elements of design patterns. (10 Marks)

**Module-4**

7. a. Discuss Test Driven Development (TDD) with its process and list its benefits. (10 Marks)  
 b. Explain software evolution process with neat block diagram. (10 Marks)

**OR**

8. a. Discuss Lehman's laws of program evolution dynamics. (10 Marks)  
 b. Explain Reengineering process with a neat block diagram. (10 Marks)

**Module-5**

9. a. Discuss project plan. Explain the various section of project plan. (10 Marks)  
 b. With a neat diagram explain project scheduling process. (10 Marks)

**OR**

10. a. Discuss software quality and its attributes. Explain process based quality. (10 Marks)  
 b. Explain software reviews and inspections of Quality Assurance. (10 Marks)

\*\*\*\*\*

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
 2. Any marking of identification, approval or signature written on Q/Ps - 10 will be treated as malpractice.

# Sail Question Paper For Cse

**J Spring**



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web meiosis produces haploid cells from diploid cells meiosis is a peculiar type of cellular division in which diploid germ line cells give rise to haploid reproductive cells or gametes meiosis plays a key role in generating tremendous genetic diversity click on or to play or stop the animation

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web exercise 2 a are the four daughter cells of meiosis genetically identical or different from one another explain your answer describe the daughter cells of your meiosis model what color and how many of each color beads were present in each of the four daughter cells the four daughter cells of meiosis are not genetically identical

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procedure answer all questions in your journals please 1 create four homologous chromosomes using the red beads for the paternal chromosome and the yellow beads for the maternal chromosome

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web problem how does meiosis increase genetic variation introduction most cells in organisms that reproduce sexually are diploid they have two sets of chromosomes and two complete sets of genes gametes are an exception gametes are the cells that combine during sexual reproduction in animals these cells are called sperm and eggs

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web the answer is meiosis cells in reproductive organs undergo meiosis as they divide to form germ cells that mature into gametes egg cells or sperm cells this diagram compares the processes of mitosis and meiosis in this descriptive lab you will model meiosis that begins in a cell of the fruit fly *drosophila melanogaster* you will use

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web lab 1 intro to science escience lab cell cycle mitosis meiosis what are chromosomes made of compare and contrast mitosis and meiosis both mitosis and meiosis are involved in making new cells

6 4 meiosis teacher's preparation notes biology libretexts - Dec 31 2022

web jul 11 2023 students use model chromosomes to simulate the processes of meiosis and fertilization as they model meiosis and fertilization students follow the alleles of three human genes from the parents body

*7 3 modeling mitosis and meiosis activity biology libretexts* - May 04 2023

web mar 23 2021 simulate mitosis move the chromosomes through each of the four stages of mitosis draw and label the pop bead chromosomes for one of the phases on a separate sheet it is not necessary to draw each individual bead draw a large circle on the paper to represent the cell and the nucleus with a pencil

**lab 8 the modeling and microscopic observation of mitosis and meiosis** - Mar 02 2023

web after completing this lab exercise you should be able to identify and describe the stages of the cell cycle mitosis and meiosis recognizing the events that occur during each stage distinguish between mitosis and cytokinesis as they take place in animal and plant cells