Important Questions:- OOPS!-

Unit-2:-

1) Inheritance - Definition, Java program, type with example
2) Interface - how declared & Implemented in Java & Types
3) overloading & overiding methods
4) Packages → Details, how created & implemented
5) class concept/ classes → Inner class static & nested class

&

1-Unit

1) constructor/ methods → State the purpose of finalize() method in Java
2) operators & control statements (selection Statement) [if, if else, nested if, etc]
3) Data types in Java / variable - Types / Array - Types with Ex
4) Features of OOPS ← 2M / 8M Advantage / dis Advantage

FODS!-

Unit-1:-

1. Exploratory of data analysis
2. Data preparation
3. Data mining and warehousing
4. Data Science process

Unit 2:-

1. Describing data with tables
2. [Frequency distribution for quantative data constructing FD, outliners, relative and cumulative Frequency distribution, frequency distribution, for qualitative]
2) Graphs for Quantitative data
3) problem [Standard deviation, interquartile range, z scores]

DPCO

Unit-1

1. Problems based on K-map (All types)
2. Designs - magnitude comparator, full adder, full subtractor

Unit-2:-

1. moore / mealy models
2. Analysis and design of clocked sequential circuits
3. shift Register - Types and its applications.

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DM

Unit - 1

1. without using truth table - problems
   [See description for pratice problems]
2. PCNF, PDNF - based problems
3. Indirect method - based Problem

Unit-2

1. Inclusion and exclusion based Problems
2. ~~method~~ mathematical induction problems
3. permutation & combination problems