# Model Question paper for online examination
# S.Y.B.Sc.CS CS -III Software Engineering

Q1. Choose the correct option in terms of Issues related to professional responsibility
1. Confidentiality
2. Intellectual property rights
3. **Both Confidentiality & Intellectual property rights
4. Managing Client Relationships

Q2. “Software engineers should not use their technical skills to *misuse* other people’s computers.”Here the term *misuse* refers to:
1. Unauthorized access to computer material
2. Unauthorized modification of computer material
3. Dissemination of viruses or other malware
4. **All of the mentioned

Q3. Explain what is meant by *PRODUCT* with reference to one of the eight principles as per the ACM/IEEE Code of Ethics?
1. The product should be easy to use
2. **Software engineers shall ensure that their products and related modifications meet the highest professional standards possible
3. Software engineers shall ensure that their products and related modifications satisfy the client
4. It means that the product designed /created should be easily available

Q4. The longer a fault exists in software
1. the more tedious its removal becomes
2. the more costly it is to detect and correct
3. the less likely it is to be properly corrected
4. **All of the mentioned

Q5. Arrange the following steps to form a basic/general Engineering Process Model.
i. Test
ii. Design
iii. Install
iv. Specification
v. Manufacture
vi. Maintain
1. 2, 4, 5, 1, 6, 3
2. **4, 2, 5, 1, 3, 6
3. 2, 4, 5, 1, 3, 6
4. 4, 2, 5, 1, 6, 3

Q6. Which of the following diagram is not supported by UML considering Data-driven modeling?
1. Activity
2. **Data Flow Diagram (DF4.
3. State Chart
4. Component

Q7. _____ allows us to infer that different members of classes have some common characteristics.

1. Realization
2. Aggregation
3. **Generalization
4. dependency

Q8. UML interfaces are used to:
1. **specify required services for types of objects
2. program in Java, but not in C++ or Smalltalk
3. define executable logic to reuse across classes
4. define an API for all classes

Q9. Referring to the attached diagram, the arrow indicates
1. **Navigability
2. Dependency
3. Association
4. Refers to

**Note: Option marked with asterisk (**) is correct option.**