



# Government Polytechnic, Mumbai

ODD 2023-24

UNIT TEST-I

Programme: IT  
SEMESTER: 4th

Course Name: Software Engineering  
MAX. Marks:20

Course Code: IT23108  
TIME: 1 hour

**QUE.1) Attempt the following**

- Define Software. Enlist any four types.
- Differentiate between PSP & TSP (Minimum 4 points).
- State software characteristics.

(2 X 3=06)

[Co 01 / Level (R)]

[Co 02 / Level (R)]

[Co 01 / Level (R)]

**QUE.2) Attempt the following**

- Explain Software Engineering- A Layered Approach.

**OR**

- Write a short note on the Identifying A Task Set.
- Write a short note on the Waterfall Model.

**OR**

- Explain the V Model with a neat diagram.

(4 X 2 =08)

[Co 01/Level(U)]

[Co 01/Level (A)]

[Co 2 /Level (U)]

[Co 02/Level (A)]

**QUE. 3) Attempt any TWO**

- State when to use Incremental Process Model. Give its benefits.
- State the elements of a software process.
- Sketch Prototyping model. Give any two advantages.

(3 X 2 =06)

[Co 02 /Level (U)]

[Co 01/Level (R)]

[Co 02/Level (A)]

CO	R	U	A	TOTAL
01	07	04	03	14
02	02	07	07	16
TOTAL	09	11	10	30