

SARVAJANIK UNIVERSITY
Institute of Design Planning & Technology (IDPT)-SCET
TERM END EVALUATION

Programme Name:	Master of Architecture (Urban Design)
Programme Code:	MRUD
Examination:	Summer 2026
Year-Semester:	M Arch. UD II, SEM IV
Course Name:	Professional Elective 3 – Water Wise Cities
Course Code:	MRUD14403
Date and Day of Examination:	14/05/2025 (Thursday)
Marks:	60
Time:	1:00 PM Onwards
Format of Examination	Jury/ Viva /Seminar Presentation/Time Problem

A. Task/Question given for the Evaluation:

Term End Evaluation examination will be conducted in 2 **parts A&B**.
The format of exam will be **Group Discussion**.

Kindly follow the instructions below for the same:

Part A (30 marks) - As discussed and concluded during the semester; that there are 4 broad pathways to achieve Water Wise cities, Namely -1. Greening.
2. Decentralisation.
3. Circular economy.
4. Digitalisation/Data Analysis/AI applications/ Computer simulation models.

As part of the Group Discussion; each student is required to bring to discussion at least one innovative idea/guideline for each of the 4 pathways mentioned above.

Part B (30 marks) - The group will carry out a discussion on the topic "**Are Sustainable Goals a myth?**"

There will be 2 rounds:

Round 1 - Each student will discuss one point of argument **For/Against** the topic.

Round 2 - Each student will get a chance to critique at least one persons argument **For/Against** the topic.

B. Aim:

To explore Urban Design and Planning practice that is more sympathetic to Environmental concerns, Water conservation and Waste-water management.

C. Objectives:

1. To widen the scope of urban planning processes.
2. Create sympathetic attitude to natural resources during planning and urban development process.
3. Understanding the importance of creating Blue and Green infrastructure in synergy with Grey infrastructure.
4. Sensitization towards long-term benefits of hydrological resource planning in accruing Ecosystem Services.

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D. Instructions:

A presentation to demonstrate Water sensitivity as explained in the task given in point A.

E. Requirements:

1. Presentation showing minimum of 1 solution for each of the 4 pathways.
2. Plans/Drawings/Sketches demonstrating interventions.
3. Policy/Guidelines.

F. Expected Outcome:

Sensitization of students towards a more holistic understanding of the Planning Process and Urban development that is sympathetic to environmental factors and Hydrological resource conservation.

G. Evaluation criteria:

- a. Ability to recollect various concepts, ideas and topics discussed during the semester.(20 Marks)
- b. Ability to articulate and explain rationale behind the chosen policy/solution/best practice.(20 Marks)
- c. Technical understanding of the tools, implementation process, challenges and technologies used. (20 marks)

A	Total No. of Students registered for the TEE Examination of the Course:	4
B	No of students absent in the Examination:	0
C	Enrollment No of students absent in the Examination:	NA
D	Total No of students appeared in the Examination:	4
E	Name of Examiners:	Sign
1.	Prof. Kuldeepsinh Jadeja	KJ

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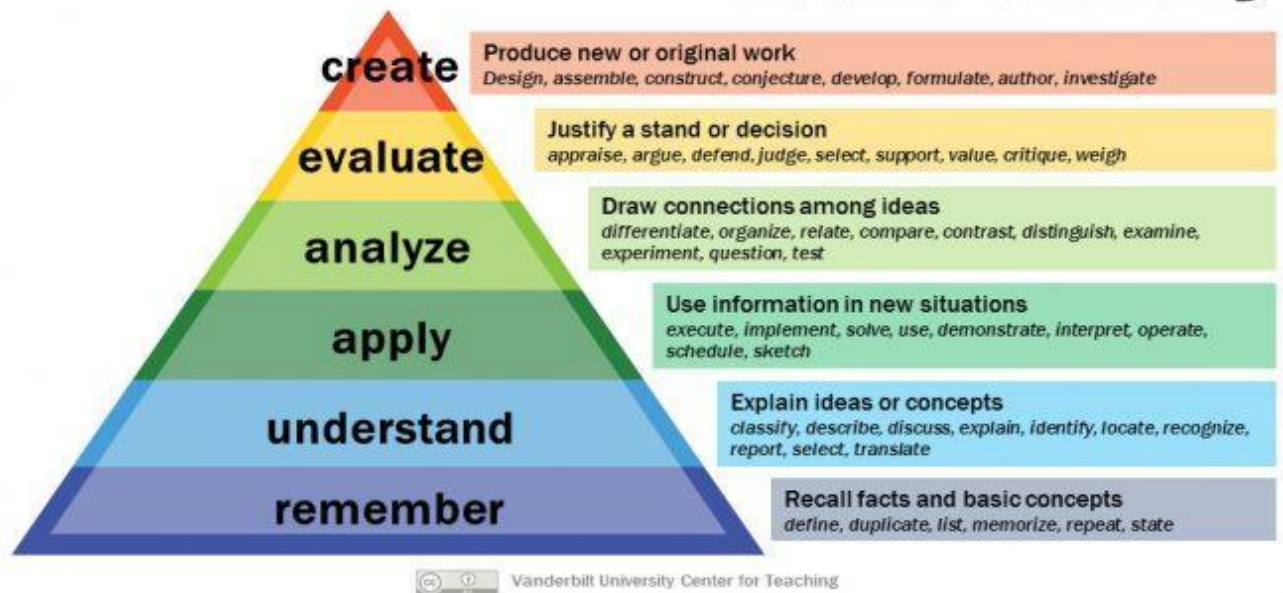
EXAMINATION QUESTION PAPER Analysis for curriculum coverage and BLOOM'S TAXONOMY learning level

TASK DESCRIPTION		Weightage either in % or Marks- In this question paper	Cognitive Level (As per Revised Bloom's Taxonomy) R/U/Ap/Ay/E/C
1	Demonstration of the pathway	15	R,U,Ap
2	Analysis	15	R,U,Ap,Ay
3	Inferences	15	Ay,E
4	Solution	15	Ap,Ay,E,C

Learning level coverage as per curriculum analytics (from above mapping)				Curriculum specified content coverage analytics (From above mapping)			
Blooms level		As per curriculum - either in % or marks	In this paper: either in % or marks		chapter /module number	As per curriculum : either in % or marks	In this paper: either in % or marks
Remember	R		10		1		
Understanding	U		10		2		
apply	Ap		10		3		
analyse	Ay		10		4		
evaluate	E		10		5		
create	C		10		6		

Bloom's Taxonomy is a powerful teaching and learning tool that can help you shape nearly everything that happens in your classroom.

Bloom's Taxonomy



BLOOM'S TAXONOMY DIGITAL PLANNING VERBS					
REMEMBERING	UNDERSTANDING	APPLYING	ANALYZING	EVALUATING	CREATING
Copying Defining Finding Locating Quoting Listening Googling Repeating Retrieving Outlining Highlighting Memorizing Networking Searching Identifying Selecting Tabulating Duplicating Matching Bookmarking Bullet-pointing	Annotating Tweeting Associating Tagging Summarizing Relating Categorizing Paraphrasing Predicting Comparing Contrasting Commenting Journaling Interpreting Grouping Inferring Estimating Extending Gathering Exemplifying Expressing	Acting out Articulate Reenact Loading Choosing Determining Displaying Judging Executing Examining Implementing Sketching Experimenting Hacking Interviewing Painting Preparing Playing Integrating Presenting Charting	Calculating Categorizing Breaking Down Correlating Deconstructing Linking Mashing Mind-Mapping Organizing Appraising Advertising Dividing Deducing Distinguishing Illustrating Questioning Structuring Integrating Attributing Estimating Explaining	Arguing Validating Testing Scoring Assessing Criticizing Commenting Debating Defending Detecting Experimenting Grading Hypothesizing Measuring Moderating Posting Predicting Rating Reflecting Reviewing Editorializing	Blogging Building Animating Adapting Collaborating Composing Directing Devising Podcasting Wiki Building Writing Filming Programming Simulating Role Playing Solving Mixing Facilitating Managing Negotiating Leading