

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 Regular
Year-Semester:	M. Arch. (UD). I SEM II
Course Name:	Inclusive & Sustainable Urban Design
Course Code:	MRUD13201
Date and Day of Examination:	20-05-2026; Wednesday
Marks:	360
Time:	8:30 AM onwards
Format of Examination	Jury/ Viva/ Seminar Presentation/ Time Problem

A. Task/Question given for the Evaluation:

Preparation of the following aspects at various scales is to be done by the students to show their understanding on the semester long design problem for Green Field development for the given site in Ujjain, M.P.

The design exercise is divided into various task as follows:

- 1. Structure Plan Proposal** with VISION and Conceptual Stand derived from Site Analysis and Case studies. **(1: 5000)**- Should have facts and figures of development, population, density and ecological aspects for design of structure plan, support your proposal with layers of B/O, Road network, Land use, Open space, etc.) - **CO1 & CO2**
- 2. Sustainability Aspects (1: 5000)** - Systems Map and Green rating calculation with necessary Environmental Impact of Development and how one can minimize that) - **CO2**
- 3. Mobility Plan (1: 5000)**- Connectivity with necessary aspects of public transport, NMT and vehicular movement, road sections. - **CO1**
- 4. Demonstration Plan** - Proposed Master Plan **(1: 1000)** - Urban structure, Plot derivation, detailing of open spaces (support your proposal with layers of B/O, Road network, Land-use, Open space, etc.)- **CO1, CO2 & CO4**
- 5. Urban Design Guidelines** - With supporting Diagrams - **CO3**
- 6. Physical Model - (1: 1000)** - **CO3**
- 7. Block Level plan & 3D (1: 500)** - (Urban Design Guidelines, Activity generation, Open Space Detailing, Enclosures- sections, edge and interface design, etc.) - **CO4**
- 8. 3D views at eye level** for depicting character of the place. - **CO3 & CO4**
- 9. Answer to 18 Questions** with necessary supporting data (As shared in Google sheet)

B. Aim:

The studio will focus mainly on two aspects of Inclusivity and Sustainability and will focus specifically, on the social aspects. Sustainability will be looked upon as a holistic entity including environmental, economic and socio-cultural aspects. Students will be encouraged to envisage new developments with inclusive and holistic visions.

C. Objectives:

- To understand and evaluate the potential and the environmental condition of the site in the context of the regional setting (River Bank, Contours, Regional Connectivity with Indore) and with respect to new development.
- To understand the process of Green Field Development and to develop and draw references from the existing built morphology/typology for the new extensions in today's context.
- Socio-Economic concerns in coming up with an inclusive and sustainable development with population and density for proposed development. In addition to also keep into account the impact of seasonal / occasional surge in religious tourism during *Sinhasth Kumbh* and other Festivals .

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4. To develop a complete design proposal for the area including principles of site planning, natural features and environment, density pattern and lessons from tradition.
5. Understanding Urban Form Determinants and derivation of innovative and relevant building typologies rooted in the context.

D. Instructions: (If required-as per your exam format)

Drawings, Master Plan, Facts and Figures of the proposed Development to be clearly mentioned so as to understand the magnitude and impact of the proposal.

E. Requirements:

1. Structure Plan
2. Demonstration Area Master Plan
3. Implementation Mechanism and development statistics
4. Sustainability Plan & Statistics
5. Urban Form & Urban Design Guidelines
6. 3D / Model for understanding of Urban Form

F. Expected Outcome:

1. **CO1** - Design Masterplans for greenfield / brown field development keeping in consideration the ecological aspects and connectivity.
2. **CO2** - Understand the impact of large-scale development on environment and ways of minimizing this impact.
3. **CO3** - Develop understanding for generating urban form.
4. **CO4** -Develop sensitivity towards issues of inclusivity related to age groups, gender, biodiversity, economic groups and all the under-represented groups in large scale development.

G. Evaluation criteria:

1. Student's Understanding of the topic – 20%
2. Application of Knowledge – 20%
3. Design Proposal – 40%
4. Presentation and Viva – 20%

A	Total No. of Students registered for the TEE Examination of the Course:	05
B	No of students absent in the Examination:	00
C	Enrollment No of students absent in the Examination:	N.A.
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D	Total No of students appeared in the Examination:	05
E	Name of Examiners:	Sign
1.	Ar. Vijal Patel (External Examiner)	VP
2.	Prof. Vishal Shah	VS
3.	Prof. Bhavana Vimawala	BV

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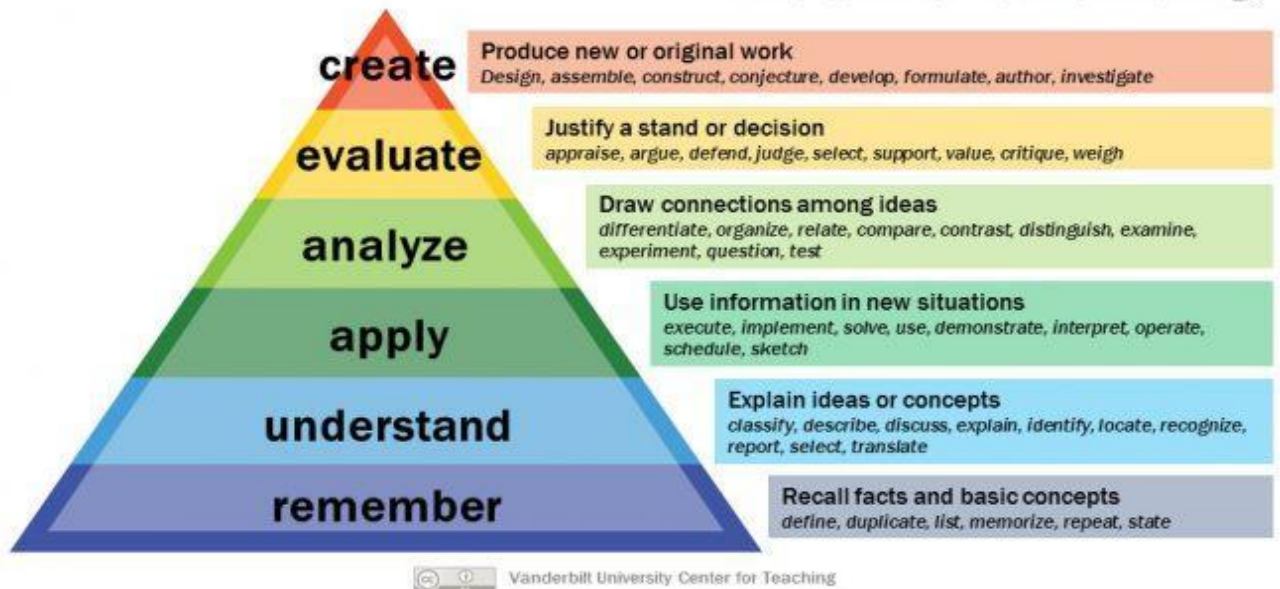
EXAMINATION QUESTION PAPER Analysis for curriculum coverage and BLOOM'S TAXONOMY learning level

TASK DESCRIPTION		Weightage either in % or Marks- In this question paper	Chapter/ Module No. as per Approved curriculum specified	Mapping with CO (Course Outcome as per Approved curriculum)	Cognitive Level (As per Revised Bloom's Taxonomy) R/U/Ap/Ay/E/C
1	Preparation of Structure Plan	50	-	CO-2	E, C
2	Implementation Model and Dvlpt. Statistics	50	-	CO-2	U, Ay
3	Sustainability Aspects with	50	-	CO-1 & CO-2	U, Ap
4	Demonstration Area Details	80	-	CO-2	E, C
5	Urban Form & Urban Design Guidelines	80	-	CO-3	E, C
6	Physical Model/ 3D	50	-	CO-4	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	0	0		1	25%	25%
Understanding	U	15%	15%		2	25%	15%
apply	Ap	15%	15%		3	20%	35%
analyse	Ay	15%	15%		4	20%	20%
evaluate	E	15%	15%		5	10%	5%
create	C	40%	40%				

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