Syllabus For the Ph.D. Entrance Examination

Name of The Institute	:	Institute of Architecture and Planning
Academic Year	:	2026-2027

Topics:
1) Research design for systematic inquiry
   - Research paradigm
   - Research Questions
   - Hypothesis
2) Research methods
   Historical Research
   - Determinative Evidence
   - Inferential Evidence
   - Recollective Evidence

   Qualitative research
   - Ethnography
   - Phenomenology
   - Grounded theory Approach
   - Integrated Approach
   - Case studies
   Experimental research (Action research)
   Simulation research
   Correlational research (quantitative)
3) Tools and tactics
   Data collection
   - Surveys
   - Interviews
   - Visual Observation
   - Archives
   Data collation and analysis
   - Analysis (including Software use)
   - Reporting/ presenting research outcome
4) Subject Specific
   - Building Construction & Technology
   - Building Materials and Specifications
   - Building Sciences Services Humanities
   - Principles of Human Settlements
   - History of Architecture
   - Professional Practice
   - Building Bye-laws
   - Structure System

- **Design Theory Fundamentals of following:**

  - Urban Planning
  - Urban Design
  - Landscape Design
  - Housing
  - Building Management

Date & Signature of HoD / HoI on each page