

TOPREC/NITP SYLLABUS

3.0 FINAL EXAMINATION

3.1 PART I

URP 701: GENERAL STUDIES

Study of Nigeria history, culture and arts in pre-colonial time. Nigerian perception of the world, Culture areas in Nigeria and characteristics. Evolution of Nigeria as a political unit. Indigene/settler phenomenon. Concepts of trade, economic self-reliance, social justice, individual and national development. Norms and values, negative attitudes and conducts (culticism and related vices).

URP 702: PLANNING THEORY II

The nature of planning, procedural and substantive theories in planning. The planning process, planning modes and tradition in both capitalist and Socialist economies. Citizen's participation and evaluation in the planning process. Social science contribution to the development of planning theory.

URP703: PLANNING THEORY VII

Macro theories of design. The formulation of minimum and desirable space standards. Ecological approaches to urban and regional design. Visual elements in an urban complex. Design resources, composition, space articulation and aesthetic qualities. Site planning and design for neighborhoods, industrial, agricultural, commercial and recreation land-uses and their interactions. Practical assignments in site planning particularly the design of housing, industrial, and commercial estate. Preparation of the three dimensional models.

URP 704: ADVANCED PLANNING PRINCIPLES AND TECHNIQUES

Analysis of Time Series data, estimation of secular trends and seasonal variation. Application of aerial photography, methods of photo-interpretation and construction of urban area maps. Introduction of Remote sensing. Regionalization and delineation techniques and their applicability in Nigeria context. Techniques of understanding spatial structure. Analysis of structure of formal regions e.g cluster and factor analytical methods. Analysis of structure of nodes, hierarchy of structure of links and interations, network nanlysis, information flows and spatial structure. Models of spatial interaction. Strategic choice approach and analysis of inter-connected decision areas (AIDA). Threshold analysis and its application. Evaluation Techniques: Cost Benefits, Planning Balance Sheet, Goal Achievement Matrix, etc. Relationship of these concepts and models to solving specific planning problems-transportation, housing, etc.

URP 705: URBAN DESIGN THEORY II

Vales, forces and institutions shaping urban form. Principles in urban design. Organization of space. Elements within organized space. Movement, scale, theoretical concepts and approaches, to urban form and design pattern. Understanding of emerging urban design realities in Nigeria town and cities e.g functional distribution of mass and voids in relation to circulation and amenities. Study of image ability. Images of the city and behavioral bases for design. The search for meaningful community form.

URP 706: TRANSPORT PLANNING III

Landuse and Transportation Planning. Traffic generation, distribution, modal split and assignment. Methods of traffic forecasting, origin and destination surveys. Design of road alignment, speeds, site distant lanes and carriage ways. Safety regulation and transportation network design standards. Mass transit in urban centres. Survey analysis and protection of mass transportation terminal facilities like rail way stations, airport and sea ports. Preparation of a circulation plan/transportation as an integral part of the comprehensive urban development plan. Formulation of transportation policies in Nigeria.

URP 707: POPULATION AND URBANIZATION STUDIES II

The nature, trend and pattern of urbanization in developing countries. Classical models of Urban spatial structure and factorial ecology, the city as a system and mathematical modeling of urban system. Planning and subdivision control; land policies/ownership pattern, land-use estimation and projection methods.

URP 708: INTRODUCTION TO ESTATE MANAGEMENT:

Definition of Estate management, concept of land ownership, motive of land ownership, type of interests in land freehold, leasehold and right of occupancy, Public interest in land. Factors that prevent leaseholder from exercising unlimited control over land etc.

3.2 PART II

URP 801: REGIONAL ANALYSIS AND DEVELOPMENT

The city as a system. Central place system and Rank-size Relationship. The Nature of cities and regions; classical models, factorial ecology and micro-economic explanation of urban and regional spatial structure. Mathematics Modeling of urban and regional system; central place systems, Von Thunen and Weberian location systems, location systems, optimal partitioning of point set, the maximal covering problem. Industrial location theories and models. Role of industrialization of development. Typology of industrial estate. Using case studies of selected countries and industrial regions. Case studies of original planning practice in both developed and developing countries, socialist and capitalist. Approaches to regional planning.

URP 802: URBAN ECONOMICS

Measurement of economic activity levels in terms of products, income and employment. Product and income accounts, changes in economic structure and spatial patterns related with activities. Theories of economic development and their relevance at national and regional levels in Nigeria, e.g. Stage Theory, Export Base Theory, Sector Theory, Dynamic Growth Theory, Regional Multipliers, Growth Pole Theory, Unbalanced Growth Theory, Theory of Circular and Cumulative Causation. Models of Economic Development and their applications in Nigerian context. Growth of regions, trend in economic structure and factors leading to tertiarization. Nature, causes and physical manifestation of poverty in rural areas and strategies for rural development. Determinations of size and structure of urban size distribution.

URP 803: ADVANCED QUANTITATIVE TECHNIQUES IN PLANNING

A review of description and inferential statistics; hypothesis testing, analysis of variant, correlation and regression, partial correlation, multivariate analysis, factor analysis, grouping techniques, discriminant analysis and canonical correlation. Application and limitations in package programmes, especially SPSS.

URP 804: HOUSING III

Aims and objectives of housing policies and programmes in Nigeria. Priorities of urban and rural housing. Housing as a sector of investment and intergral part of national plans in Nigeria. Assessment of housing needs and demands. Housing Market analysis and related studies. Housing finance. Planning and design criteria for housing norms and standards, economics socio-cultural and technological parameters of housing. Housing densities locations and layout, services and community facilities. Appraisal of existing housing options in Nigeria. Private housing, cooperative housing, and public housing. Housing forms. Existing controlling measures and efficacy. The concepts of flexible controls and community guidance. Spontaneous and squatter housing in Nigeria. Experience in housing in selected developing countries. Appraisal of official housing in Nigeria through presentation of detailed case study revealing its initiation design, planning, finance, construction and management aspect. Highlighting problems and prospects.

URP 805: RESETTLEMENT PLANNING

The concept of resettlement. The social, economic, administrative psychological and political issues in resettlement planning and executing of resettlement projects. Procedures, case studies in resettlement-Kanji, Abuja, IITA etc. Land, design, claims, and legal aspects of resettlement projects. Execution, compensation, procedure and options.

URP 806: REGIONAL PLANNING STUDIO

The purpose of the studio is the practical application of the principles and techniques of Regional Developemnt Planning in a selected planning region. Delimiting the region and studying its development problems, Identification and explanation of the aims and objectives of the regional plan, Identification of survey methods and data collection, preparation and evaluation of plans for a region or sub-region.

URP 807: ENVIRONMENTAL ENGINEERING

Design and Management of Sewers; treatment, disposal, and management of sewage. The management of Solid Waste Collection and Disposals. Public Health Laws; Environmental Issues. Case Studies from Nigeria.

URP 808: PLANNING SEMINARS

Presentation of seminars on approved topics selected by the students. Exposure to the modalities for reacting to issues on planning research presentations. Development of academic and professional skills in preparation, development and presentation of seminar papers.

3.3 PART III

URP901: PLANNING PRACTICE

Laws related to plan preparation, implementation, arbitration and such other legal provisions. Preparation of planning briefs, tender documents etc. Structure of fees as prescribed by the Government and Nigerian Institute of Town Planners for various types of professional services. Code of conduct as prescribed by N.I.T.P/TOPREC. Role of N.I.T.P and TOPREC in promoting the planning profession in Nigeria. Basic principles and techniques of managing a technical office both private and public. Initiation of a project, preparation and submission of preliminary outline for proposed projects. Selection of project team. Various notifications for commencing a project. Stages of approvals by competent authorities. Procedures of scrutiny of development plans by planning agencies. Planning office procedures, Contract terms, conditions and agreement. Code of professional conduct and business ethics.

URP 902: PLANNING LAW AND ADMINISTRATION.

Detailed studies of planning acts and legislations in Nigeria. Land laws, public health codes and housing codes. Laws on compensation and compulsory acquisition with special reference to Nigeria. History and development of local governments in the U.K and Nigeria. Local Government reforms in Nigeria and effects on Urban Planning. Urban government systems, the enforcement of development control, zoning and politics of planning in Nigeria. Relating concepts and principles to contemporary issues.

URP 903: PROJECT PLANNING AND EVALUATION

The role of project planning and evaluation in the wider context of urban, regional and national planning. Various technical, financial and economic considerations crucial project formulation and the associated problems faced by planners. Techniques and methods of planning evaluation. Project selection and investment programming. Feasibility study and report writing. Sensibility analysis. Choice of discount rate and cost capital. Analysis of financial conditions risks and provability approaches to risk capital. Economic bases of cities, municipal and local government authorities to invest in projects. Fiscal planning programmes, budgeting and fiscal planning choice: Efficiency analysis. Equity/distribution analysis. Methods of securing public fund and revenues. Spatial implementations of investment decisions. Harmonization between investment decisions and physical development. Planning and implementation.

URP 904: ENVIRONMENTAL IMPACT ASSESSMENT MANAGEMENT

Concept of Environmental Impact Assessment (EIA) Approaches for Assessment of impact of physical and socio-economic development project the environment. Justification for EIA measures Needs for policies on environmental protection. History of legislations on Environmental impact Assessment in Nigeria. Problems and prospect of EIA. Nuisance abatement and performance standards. The relationship between EIA with the existing planning process at National, State and Local levels. Standard procedure and format for preparation and presentation of Environmental Impact Statement. Environmental Impact Studies: Experience in USA, U.K and other countries. Relevant socio-economic issues emerging out of current practices in Nigeria and other developing countries relating to the implementation of development plans and application of EIA

URP 905: DISSERTATION

An independent research project that must make substantial contribution to knowledge. Each student is required to prepare a dissertation on the topic of his or her choice and approved by the NITP/TOPREC Examination Board and defends the same at the end of the course before a jury of examiners, appointed by NITP/TOPREC Examination Board. The dissertation is to provide an opportunity to synthesis the knowledge and skills acquired through learning of various theories and practices during the course. Each student will prepare the dissertation under guidance of an advisor or advisors appointed by NITP/TOPREC Examination Board. The dissertation should be neatly presented in the form of drawings, sketches, photographs and models etc and supplemented by a well illustrated and comprehensive report of not less than 5,000 words.

URP 906: CONTEMPORARY ISSUES IN PLANNING

Millennium Development Goals concept of Sustainability, gender mainstreaming, Urban Management, Poverty alleviation, employment generation and income enhancement, urban security, vision 2020, development agenda, etc.

URP 907: ELECTIVES

Electives (Disaster Management, Industrial Pollution Management, Border Regional/Coastal Regions Planning, Photogrametry etc) e.g Disaster Management. Definition issues – nature disaster, hazard, risk, vulnerability, resilience etc. Type of hazards and natural disasters-geological climate, epidemic, accidents etc, causes and effect of disasters, planning for disasters preparedness, conducting disaster assessment, measure for disasters risk reduction. Disaster management – mitigation preparedness, response and recovery measure/or strategic