UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

FACULTY OF COMMERCE

POST-GRADUATE DIPLOMA IN PROJECT PLANNING & INFRASTRUCTURE MANAGEMENT
(ANNUAL SCHEME)

EXAMINATION 2016

Postponed by —

Check by —

Asstt. Registrar (Acad-I)
University of Rajasthan
JAIPUR
POST-GRADUATE DIPLOMA IN PROJECT PLANNING & INFRA-STRUCTURE MANAGEMENT

EXAM 2016

Scheme of Examination

1. A Candidate must obtain for a pass at least 25% marks in each individual paper and the monograph and 36% marks in the aggregate. The classification of successful candidates will be as follows:
   First Division 60% of the aggregate marks
   Second Division 48%

   All the rest will be declared to have passed the examination. Every candidate shall be required to offer the following six papers and each paper of three hours duration carrying 100 marks.

2. There will be five questions in all. The candidates are required to attempt all the question. There will be one question from each unit with an internal choice (either/or).

3. Every candidate for the above diploma Examination shall be required to offer the following papers. Each theory paper shall be of 3 hours duration and carry 100 marks.

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PAPER I : PROJECT FORMULATION

Time : 3 hours

Max. Marks : 100

Unit I  Defining the project: The Objective, identification and definition, project classification.

Parameters of project formulation: project formulation and planning, Project formulation and the entrepreneur, project formulation and financial institution, Project formulation and the Government.

Unit II  Elements of Project Formulation Techniques.

Unit III Techno-Economic Analysis: Determination of project demand potential, Volume of output, Cost of production, present value and internal rate of return. Project Technology, Selection of Optimal Project -Strategy, the Techno-Economic appraisal.

Unit IV Project Designing and Network Analysis: Project formulation and PERT/CPM techniques.

Unit V Input Analysis: Identification of the nature of resources to be consumed by the project. Estimation of the Magnitude of the resource requirements and Evolution of the regular of resources.

Books Recommended:
1. Mattoo, P.K: Project Formulation in Developing Countries.

PAPER II - PROJECT APPRAISAL

Time: 3 hours

Unit I General aspects of Project appraisal and its significance. A brief history of Project appraisal. The presentation of project analysis.


Unit III Commercial profitability-net present value. Internal rate of return, payback period. simple rate of return. break even analysis. sensitivity analysis.

Unit IV Social Cost Benefit Analysis-Historical development of cost-benefit analysis. Distinction between analysis and financial and economic through, Identification of costs and benefits Direct costs and benefit. Indirect costs and benefits-redistribution of income.

Unit V Role of shadow Prices in project appraisal, Shadow prices of labour, Foreign exchange and investment. Estimation Social rate of discount.
Books Recommended:

11. Matoo, P.K : Project Formulation in Developing Countries.

PAPER III : INFRASTRUCTURE AND AREA DEVELOPMENT

Time : 3 hours  Max. Marks : 100


Unit II  A General study of infrastructure for the Indian economy with special reference to Rajasthan.

Unit III  Backward Area : General Criteria for backwardness of and area Government policy for the development of backward areas -Concessions and incentives. A brief review of Pandey Committee and Wanchoo Committee Reports.

Unit IV  Strategy for Industrial Area Development : Concept of Aareas Development. Basic requirement for Area Development Authority. Infrastructural Facilities and Their management of the Area Development Authority Area Development Significance of and its problems.


Books Recommended:

2. Dagli, V. L. (e) : Infrastructure for the Indian Economics.
3. Ravkin, M.D. : Area Development for Indian Economics.
4. Mishra and Others : Regional Development Planning of India.
8. Somasekhara, N : The Efficacy of Industrial Estates in India.

PAPER IV : PROJECT MANAGEMENT AND INVESTMENT

Time : 3 hours  Max. Marks : 100

Unit I  Project Management : General Principles of Management . Key
        Techniques of Management, System approach. Meaning of Project
        Management, necessity and benefits of Project Management, Difficulties
        of Project Management.

Unit II  Project Organisation : the project manager-responsibilities and authority.
        structure of Project Management. Task forces.

Unit III  Scheduling and Network models in Project Management. Milestone chart,
        Gnett chart, Network Project control system and performance Standard;
        Progress Reporting-cost analysis and control : project deleyes and problems
        of their preventions.

Unit IV  The Computer as a tool of Project Management.

Unit V  The Project Choice : Investment evaluation. the financial evaluation of the
        project : Traditional methods, Discounting methods and cost of capital.

Books Recommended :

3. Lock, D : Project management with CPM and PERT.
4. Modr, JJ and Philip, C.R : Project Management with PERT and CPM

PAPER-VI : PROJECT WORK AND VIVA VOCE

Project work of about 5,000 words based on six weeks practical training indicating the
candidate own experience with regard to the establishment /Project approved for the
purpose. by the Head of the Department . The candidates project work , along with the
certificates from the supervisor/teacher and the organisation concerned will be
required to the submitted within two months of the last date of the written
examination.

PROJECT WORK : 50 Marks  VIVA - VICE - 50 Marks