पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय सीकर

SYLLABUS

B.A. PART-II

EXAMINATION-2024

27. INDIAN HERITAGE IN RURAL HANDICRAFTS

Scheme	Max. Marks	Min. Pass Marks
1. Theory : One Paper 3 hrs.	60	22
2. Practical	80	28
3. Submission	60	22
Total	200	72

1. Study of tools used in the early period made of:
   (a) Stone (b) Copper & Bronze (c) Iron & Steel
2. Machines and power tools-their uses, constructional particulars, operational processes and method maintenance, safety measures to be observed while operating them.
3. Special jigs and props for minimising manual labour and to increase productivity in manufacturing rural handicrafts.
4. Classification of raw materials method of identifying defects. Preservation and seasoning auxiliary methods of using different tools-safety precaution to be taken. Simple exercises involving cutting, fixing, fitting, drilling, forging, planning, polishing, etc.

Paper II (Practical)   5 Hrs. Duration

Max. Marks : 80   **Min. Pass Marks : 28**

(a) Wood work: Preparation of tools preparation of wood, marking and practice in different joints, making small objects like toys, paper weight and solid geometric forms.

(b) Paper machine work : Preparation of toys dolls pots and decorative items.

Submission Works

Max. Marks : 60   **Min. Pass Marks : 22**

Note (1) : Submission work will be submitted to the head of the department of Rural Handicrafts of the college 15 days before the commencement of examination. The marks in the submission will be awarded by the subject teacher (internal). However the external examiner shall be empowered to review the work of submission in case there is a drastic difference between the marks of the examination and submission.

(2) Candidates should pass in theory as well as in practical paper separately.

28. COMPUTER APPLICATION
(Common for B.A./B.Com./B.Sc.)

		Science	Com./Arts
Paper I	Data Base Management System	50	65
Paper II	Structured Programming and Computer Graphics	50	65
Practical	Programming Laboratory	50	70
	On-the-Job training (4 weeks)		

The duration of these papers will be 3 hours.

Paper I : Data Base Management System

Categorization of DBMS Systems. Network. Hierarchical and relational databases. Application of DBMS systems.

Relational data bases management system. Why to use them and where. Data Description Language. Data Manipulation Language and Data Control Language.

Introduction to DBASE, DBASE commands. Development of an application under DBASE using forms, screens and PRG. files.

Security considerations in database management systems. Performance improvement in databases.

Relational databases - advanced concepts. Introduction to ORA-CLE/INGRES or a similar RDBMS on a multiuser environment. Structured query language. Form design on a advanced RDBMS. Report generator, Query by example and Report by form. Accessing RDBMS using programming languages.

System management. User management Security considerations
Practical.

Design of a database for a business application. Design of data
entry forms and report layouts for this database. Creation of pro-
grams to access and manipulate database.

Development of a business application in RDBMS.

Paper-II : Structured Programming and Computer Graphics

Introduction. Need of structured programming. Methods of
documentation. Methods of analyzing a program requirements. Data
flow diagrams. Entity relationship. Flow charts.

Various categories of programming language (3GL, 4GL, etc.),
introduction to   and   OBOL. Program development in C using
structured programming concepts.

Why Graphics. Various types of graphics programs. Drafting
packages. DTP packages. Microsoft Windows. Various documenta-
ion cum DTP packages e.g. Wordperfect, Microsoft Word etc.

, Introduction to a Pagemaker/Ventura or a similar package. Prepa-
ation of documents using DTP package. Formatting. Various fonts
nd characters set. Various type of printers used in DTP. Introduction
commercial DTP system available in market. Indian language fonts.
reation of Indian language fonts.

ractical

Development of a business application using C.

Preparation of a document and publishing it using a DTP Sys-
n. Creation of fonts.

Managing a Microsoft Window session. Creating groups and
gram items under Window. Turning Windows for a computer
1.