

M.H.Sc. II Semester

Subject – Resource Management

Paper IV – Statistics & Computer Application

Credit: 5, Hours : 60

Max. Marks-100 (80+20)

Objectives –

This course will enable students-

1. To understand the integrated functions of all systems in the science of physiology.
2. To understand the structure & function in various organs and systems in relation to the diseased conditions.
3. To understand the advanced issues to the relevant topics of Human physiology.

Unit I

1. Classification of tabulation of data.
2. Diagrammatic representation of data – significance & limitations
 - a) Characteristics of diagram
 - b) Rules for drawing diagram *add*
 - c) Types of diagrams –
One dimensional or Bar diagram – simple bar diagram, sub divided bar diagram, multiple bar diagram, deviational bar diagram & percentage bar diagram.
3. Graphic presentation of data - importance, principles of construction of graphs. Types of graphs – frequency distribution, histogram, frequency polygon and ogive.

Unit II

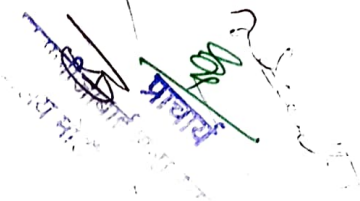
1. Measures of central tendency-
 - a) Arithmetic average or mean – calculation of arithmetic average in a series of individual observation, discrete and continuous series. *Add,*
 - b) Median – computation of median in a series of
 - c) individual observation, discrete and continuous series.
 - d) Mode - computation of mode in a series of discrete and continuous series.
2. Normal distribution- characteristics.
3. Measures of variability –
 - a) Range and coefficient of range.
 - b) Quartile deviation – computation of quartile deviation in series of individual observation, discrete and continuous series.
 - c) Mean deviation - calculation of mean in a series of individual observation, discrete and continuous series.

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UNIT - III

- I. **Standard deviation**- Computation of standard deviation in series of individual observation, discrete and continuous series. Direct and shortcut method. Merits, demerits and uses of standard deviation.
- II. Testing of hypothesis-
 - (a) Null and alternative hypothesis
 - (b) The level of significance
 - (c) Decision rule
 - (d) Type I and type II errors
- III. Chi- square test
- IV. t- test- Paired t- test, simple t- test.

UNIT-IV

- I. Difference in proportion of means and difference in means -critical ratio.
- II. Correlation- meaning, types.
- III. Computation of correlation by rank correlation and product moment method.

UNIT - V

- I. Experimental design- nature and objectives.
- II. Single group and two group design.
- III. Randomized block design.
- IV. Latin square design.
- V. Factorial design.
- VI. Develop selection of anyone problem are and preparation of research design.

Note- In setting Question paper one question theory & one question statistical analysis must include from unit II, III & IV.

Reference Books-

1. C.R. Kothari, Research Methodology, Wishwa Prakashan, New Delhi
2. D.L. Elhance, Fundamental of Statistics, Kitab Mahal
3. Ravindranath Mukharji, Social Research and Statistics, Vivek Prakashan, Delhi
4. Dr. D.H Baghel, Social Research, Pushraj Prakashan Reewa.

Handwritten signatures and marks:
A large signature at the top left.
A checkmark and the word "Major" written vertically.
A signature at the bottom left.
A blue stamp at the bottom left with the text "Kishore Prakashan" and "Kishore Prakashan".

M.H.Sc. III Semester

Subject - Resource Management -
Residential Interior Space Designing

Paper-II

Roll No: S, Hours: 60

Max. Marks - 100 (80+20)

Introduction to designing interior space.

Purpose of designing residential interior space.

I.) Criteria for planning a house -

- Orientation.
- Grouping of rooms.
- Circulation between & within the rooms.
- Flexibility.
- Privacy.
- Roominess.
- Cost & Economy.
- Aesthetics & Elegance.
- Light & Ventilation.

II.) Criteria for planning a house -

- a.) Social & recreational.
- b.) Service or work area.
- c.) Rest & private area.

Planning & designing- living Room, bed room, dining room.

Kitchen- planning of kitchen, Types of kitchen, work center.

Storage- needs, principle, steps in planning, storage in house.

Basic of furniture design-

- a.) Current trends in furniture design.
- b.) Importance furniture material.
- c.) Standard dimension of living room furniture, bed room, dining room, kitchen storage furniture.
- d.) Furniture arrangement in different room.
- e.) Soft furnishing- upholstery, curtains, cushions, rugs & carpets - material & designing of curtains.

I.) Light and Colors in interior decoration-

- a.) Aspects & needs for light in interior designing.
- b.) Basic artificial lighting sources.
- c.) Study of variation types of fixtures and fittings used in interior

II.) Basic concept of color

- Color- Effects of color
- Study of color schemes
- Types of color
- Qualities of color
- Color & texture
- Color & Light
- Application of color in interior decoration

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Unit-V

Interior wall finishes-

- 1.) Application of timbers, slans, paints, tiles, marble wash, metal wash (stone finish), wall paper.
- 2.) Design of doors & windows.
- 3.) Floorings & floor finishes, types of flooring
- 4.) False ceiling- Different types & different material.
- 5.) Accessories - Importance
Different accessories – Indoor plants, photo frame, clocks, sculptures, fish pots, small toys etc.

REFERENCE :

- Ball, Victoria K. 1655 (1980) : The Art of Interior Design McMillan & Co. New York.
- Bhatt, RD. Goenka S. (1990) :- Foundation of Arts Design Lakhani Book Depot.. Bombay.
- Encyclopaedia of Interior Design.
- Rangwala, N Building Materials.
- Granjean-Ettiens (1978) : Ergonomics of the Home Taylors and Fracis Ltd. London.
- Loach, SidDel Har, Techniques-of Interior Design Rendering and Presentation, McGrowth Hill, New York.

Residential Interior Space Design

Marks: 100

PRACTICALS- II

1. Interior designing layout of small interior space.
2. Study of furniture in different rooms (furniture layout).
3. Developing sheets of lines, forms and types of designs.
4. Color wheel, color scheme.
5. Flooring pattern design.
6. Lettering.
7. Designs of doors and windows.
8. Designs of curtains
9. Drawing sketching of any 3 items- sofa, diwan, chair, wall unit, dining table, kitchen platform, kitchen unit, wardrobes, dressing table, center table.
10. Making any 2 item of decoration- mural, wall hanging, pot decoration, photo frame, and artificial bonsai.

Add

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Hospitality Administration

Practical 1

MAX. MARKS: 1

1. Making and folding of napkins
2. Flower arrangement – Fresh and dry for different occasions
3. Salad decoration.
4. Table setting for various meal.
5. Menu planning for various groups of people for various occasions.
6. A short duration training in planning and organization a catering project.
7. Market survey of different food commodities and their cost.
8. Models of records to be maintained in a food service institution
9. Maintenance of a work book on the above mentioned topics.
10. Organizing theme party
11. Viva

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M. P. Shree

D. D. Ban

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Prasanna

प्रासाध
माताजीजाबाई शास. स्नात कक्षा
महाविद्यालय मातोश्रीमहा शाहीर (स.म.)

M.H.Sc. I semester

Subject – Resource Management
Practical -II
Landscaping

Max. Marks-100

Credit -05

PRACTICAL

1. Designing of partly outdoor landscape garden

or

2. Designing of terrace/Roof garden / water garden

1. Layout of front garden.

a) Lawn / green house or

b) Flower beds

c) Trees

d) Hedges

e) Garden paths.

4. File work

5. Planting indoor plants.

A) Bonsai, Ferns etc.

B) Pot Culture

6. Visits to see landscape gardens.

7. Visit and reporting of landscape garden or

References –

1. Cedric Croelxer – All about landscaping – Ortho Books
2. Lerner J.M. – The complete Home Landscape Designer
3. Paul Anthony – Garden Design, Collins, Illinois.
4. Sunset books (1982) How to build walks. Walls and patis fillor, Lane publishing Co. California.
5. Bazin Germain (1999) Paradisos – The art of Garden Artillery House London.

Signature

प्रचार्य

महा जीवाबाई शास्त्र. महाविद्यालय
महा शास्त्र, महाराष्ट्र

Housing for Family Living Methods and Techniques

Total Marks : 100

Credit - 05

PRACTICAL 1

Objectives :

1. Analysis of floor plans and evolution.
2. Drawing house plans for various income groups.
3. Study of deferent housing designs of Flats, Bungalow, Row House
4. Study of housing conditions, building materials and technology.
5. Study of building material – recent material
7. Cost estimation of build unit.

Reference-

1. Ambedkar, V.N. & Modai, N.V. 91971: Town & Country planning & housing orient Longman.
2. Deshpande, R.S. (1974): Modern ideal homes for India, United book corporation.
3. Ikner, D.(1979) : Planning a housing, Holt, Richsrd & Winson.
4. George, D. (1981) : Howto.be your own electrician, Saënce stall book, Harper and Abraham, L. (1982): Lighting your home, wills and Boons Ltd.



सत्यमेव जयते

Department of Higher Education, Govt. of M.P.
 Post Graduate Semester wise Syllabus
 as recommended by Central Board of Studies and approved by the Governor of M.P.
 उच्च शिक्षा विभाग, म.प्र. शासन
 स्नातकोत्तर कक्षाओं के लिये सेमेस्टर अनुसार पाठ्यक्रम
 केंद्रीय अध्ययन मण्डल द्वारा अनुशंसित तथा म. प्र. के राज्यपाल द्वारा अनुमोदित
 2016-2017

Class कक्षा

Semester / सेमेस्टर

Subject / विषय

Title of Subject Group

विषय समूह का शीर्षक

Paper No. / प्रश्नपत्र क्रमांक

Compulsory / अनिवार्य या

Optional / वैकल्पिक अनिवार्य

Max. Marks अधिकतम अंक

: M.Sc.

: III

: RESOURCE MANAGEMENT

: HOSPITALITY ADMINISTRATION

: II

: Compulsory

CREDIT-5 HOURS:60

MAX. MARKS:80+20

To orient the students with the functions of front office department in the hospitality industry.
 To acquaint the students with the housekeeping department and its administration.
 To enable the students to manage resources in the housekeeping department of fulfill the hospitality function.

	Particulars / विवरण
01-1	<ul style="list-style-type: none"> Types of institutions offering hospitality services. Functions / Services of the front office. 3. Various sections of the front office.
01-2	<ul style="list-style-type: none"> Front office organisation and the duties of the front office staff. The role and the essential qualities of the front office staff. 3. Personal hygiene of the front office staff.
01-3	<ul style="list-style-type: none"> Role of housekeeping in the hospitality industry. Layout of a housekeeping department. Organisation of a housekeeping department. Qualities of the housekeeping staff. 5. Departments that housekeeping co-ordinates with
01-4	<ul style="list-style-type: none"> Personnel management - recruitment, selection, training, job analysis, job description, job evaluation. Housekeeping procedures of rooms and floors. 3. Housekeeping procedures pf linen and uniform room.
01-5	<ul style="list-style-type: none"> Safety and security, fire prevention, sanitation, pest control, control of odours. first-aid. Flower arrangement. The basic styles /types of food services - self-service, tray service waiter service. Top of table items - table linen, dinnerware, tableware, glassware, Table setting.

Shan
 R
 M. Palit
 Majo Khan
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