

Semester I

Foundation Course

Research Methodology & Statistics

Subject Code-HOSC:F-01

(Internal -30 marks)

Marks End Sem –70

Credits – 5,Lectures

Hours – 3

Usually nine questions of equal value will be set, out of which students shall have to answer five questions. Q No. 1 will be compulsory consisting of seven very short answer type questions (each of two marks) conversing two entire syllabus and the candidates are required to give their answers in maximum 50 words.

Objectives :-

1. To acquaint students with the concepts of research and statistics

2. To develop an understanding of the nature and scope of research
3. To develop an understanding of an appreciation for the various kinds of research as well as their aspects.
4. To apply statistical techniques to research data for analyzing and interpreting data meaningfully.
5. To develop insights into the methodological issues involved in interdisciplinary area

Contents:-

Unit I Research as a process of acquiring knowledge

- Research ;Meaning, scope, importance, characteristics and types of research,
- Techniques of Data collections: Observation, Interview, Questionnaire, Rating scale, Check list and Case study.

Unit II Research Design

- Selection of the problem,
- Review of related literature,
- Formulating objectives and Hypothesis,
- Sample and Sampling Techniques

- Variables and basis of selecting variables

-Report Writing

Unit III Statistics : Descriptive Statistics

Meaning and scope of statistics in Research.

Tabulation and graphical representation of data

Unit IV Co-relation and its types

Unit V Inferential Statistics:

Parametric statistics -Mean, & Median.

Suggested Book

1. Best, J.W. Research in Education IV Prentic hall of India, New Delhi.
India, Edition
2. Agarwal, J.C.: Education Research An Introduction, Agra Book
Depot, New York
3. Kerlinger, Fred N. 1973 Foundation of Behavioural
Research, li edition, Holt
Rinchart & Winston, IUC, New
York.
4. Yadav, M.S. & Sib K. Mitra K. Mitra (cgs) Educational Research
1989 Methodological prospective,
Center of Advanced study in
Education, Ms. University of

- Bokaro, Borado
5. Bandarkar, P.L. & Wilkinson. T.S. (2000) Methodology and Techniques of social Research, Himalaya Publishing House, Mumbai.
 6. Batanagar, G.L. (1990) Research Methods and Measurement in and social science, Agri. Cole Publishing Academy New Delhi
 7. Dooley, D(1998) Strategies for interpretation qualitative data, Saga Publication, California.
 8. Edwards Experimental Design in Psychological Research.
 9. S.P. Singh Fundamentals of statistics S. Chand and Co. Ltd.,
 10. M.K. Gupta & D.D. Dharma Social Research Sahitya Bhawan
Agra
 11. Dr. Kamlesh Mahagan & Dr. Dharmbir Social Research Survey Statistics
Mahagan Shicksa Sahitya Prakashan.
 12. Dr.B.N. Gupta Statistics Sahitya Bhawan, Agra
 13. H.K. Kapil Research Methods, har Prasad

14. K.K. Kapil

Bhargau (Hindi Version)

Elements of statistics (In Social
Sciences) Vinod Pustak mandir,

- Agra.
15. Dr. Bipin Asthana Prambhik Shankhyki Bidhiya
Binod Pustak mandir (Hindi
Version)
 16. Gouri Shankar & Suresh Chandra Mathe Social Research and Statistics,
student Friends and Company
Baranashi. (Hindi Version)
 17. xqIrk] ,l0ih0] lkaf[;dh; fof/k;ka] 'kknjk iqLrd Hkou] 11 ;qfuoflZVh jksM+
bykgkcknA
 18. M.Millan, James H. & Schumjacher, Sally, "Research in Education A
Conceptual International, II Edn. Harper Collins Publishers, USA.

Semester I

Core Course

Resource Management

Internal Marks - 30

Code-HOSC02

Marks End Sem – 70

Credits – 5

Hours - 3

Usually nine questions of equal value will be set, out of which students shall have to answer five questions. Q No. 1 will be compulsory consisting of seven very short answer type questions (each of two marks) conversing two entire syllabus and the candidates are required to give their answers in maximum 50 words.

Objectives :-

1. To become aware of the aspects of financial management.
2. To Develop the ability to evaluate the management efficiency in resource

Contents :-

Unit I Home Management Process : Concept of Home management

Unit II Housing for family and community living :-Work Simplification and its

importance ,Mohdel’ s classes of change ,

Unit III Market & Price

Defination & types of Market & Price

Unit IV Consumer Behavior

- Consumer rights & Responsibilities. Consumer Laws-Role & Provisions

of the act implications.

- Consumer protection Act 1986.

Unit V Financial Management :-

Concepts of Saving ,Investment and taxes

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Suggested Books :-

1. S.P. Naikand Kulsarni G.Y. (1983) - Indian Economy, Vipul Prakashan, Mumbai.
2. Deshpandey, (1947) - Modern Ideal Homes For India, United Book Corporation.
3. Faulkner, S, (1979) - Planning a House, Holt, Richard & Winson
4. Agan, T. - The House - Its plan and use.

5. Sethi, M. and Seethuraman, P. (1994) - Consumerism A Growing Concept
Phonix Publishers, New Delhi.
6. Kulshreshtha, R.S. - Financial Management, Sahitya
Bhawan, Agra
7. Dr. Bete Gargaw - Home Management, Research
Pub. Jaipur, New Delhi. (Hindi
Version)
8. Dr. Kanti Pandey - Home Management, Bihar Hindi
Granth, Academy (Hindi Version)
9. Dr. G.P. Shari - House Hold management and

- House Hold Art (Hindi Version)
10. Dr. Asha Parik & Dr. Chandrakant Mehta - Home Management (Hindi Version)
 11. Dr. Manju Patni - Home Management (Hindi Version)
 12. Bedekar, S.J. (1991) - Marketing Concept and Strategies
Oxford University Press, Mumbai.
 13. Shelekar, S.A. S.J.S, Victor & K.N. Prasad (1994) - Himalaya Publisher Mumbai
 14. Verghese, M.A. Ogale N.N. & Sirnivasan, K. - Home Management

Semester I

Core Course

Applied Physiology

Internal Marks -30

Code-HOSC03

End SemMarks – 70

Credits – 5

Hours - 3

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answer type questions (each of two marks) covering two entire syllabus and the candidates are required to give their answers in maximum 50 words.

APPLIED PHYSIOLOGY

Contents :-

1. To enable students to understand the general structure and functions of the various systems and organs in the body.
2. To gain deeper knowledge of the physiology of human body.

Unit I cell

structure, function & classification.

Unit II Digestive System :-

Review of structure & function, secretory, Digestive and absorptive functions.

Unit III A) Circulatory system :

Structure & function of heart and blood vessels.

B) Blood :-

Blood composition

Blood clotting

Blood groups.

Unit IV Excretory system :-

Structure & function of kidney, Urine formation

Unit V A) Reproduction :-

Structure function of female reproductive organs

Menstrual cycle

B) Endocrine System :-

Mechanism and action of Hormones

Reference Books :-

1. Jain, A.K. testbook of Physiology. Vol - I and II
Avichol Publication Co-New Delhi.
2. मानवशरीर एवं पोषण विज्ञान – आशा कुमारी, क्लासिकल पब्लिशिंग नई
दिल्ली।

Semester I

Core /Practical

Resource Management & Applied physiology

Internal Marks -30

Subject Code-HOSC:C-01

End SemMarks – 70

Credits – 5,Lectures

Hours – 6

Contents :-

Unit I House Plan of different income group

Unit II Sample Collection of Suitable furnishing materials floor covering, alpana rangoly.

Unit III Sample Collection of suitable building materials

sub parts and write their name.

Unit IV Show the any one internal physiological system through model and their structure & function through modle.