

The Tamil Nadu Dr. MGR Medical University, Chennai

B.Sc. Medical Sociology - (Scheme of Instruction for the students from 2010-2011 onwards)

	Paper - Subject	Internal Assessment (IA)		Theory		Practical		Viva	
		Max	Min	Max	Min	Max	Min	Max	Min
I st Year	Paper – I * Communication Skills in English	50	25	-	-	-	-	-	-
	Anatomy and Physiology	50	25	100	50	-	-	-	-
	Foundations of sociology	50	25	100	50	50	25	-	-
	CULTURAL ANTHROPOLOGY	50	25	100	50	-	-	-	-
	General Psychology	50	25	100	50	50	25	-	-
	Community health and Social medicine	50	25	100	50	50	25	-	-
	Medical terminology and coding	50	25	100	50	50	25	-	-
	* Computer applications I	50	25	-	-	-	-	-	-
II year	Medical Sociology I	50	25	100	50	50	25	-	-
	Medical social work	50	25	100	50	50	25	-	-
	Social problems	50	25	100	50	50	25	-	-
	Community development and planning	50	25	100	50	50	25	-	-
	Social psychology	50	25	100	50	50	25	-	-
	Hospital operations and public relations	50	25	100	50	50	25	-	-
	Bio statistics	50	25	100	50	-	-	-	-
	* Ancillary-II Computer Applications II	50	25	-	-	-	-	-	-
III rd Year	Medical sociology II	50	25	100	50	50	25	-	-
	Sociology of India	50	25	100	50	-	-	-	-
	Medical Ethics and legal aspects	50	25	100	50	-	-	-	-
	Human Rights	50	25	100	50	-	-	-	-
	Principles of Management	50	25	100	50	50	25	-	-
	Hospital control and Accounts	50	25	100	50	-	-	-	-
	Disaster Management & Environment studies	50	25	100	50	-	-	-	-
	Hospital Oriented Project	50	25	100	50	-	-	-	-

* English and Computer are internal papers. Marks to be sent to the university. There will be no university examination for English and Computer paper.

Internal Assessment

Theory (20)	Practical (20)	Log Book/Project/Record(10)
-------------	----------------	-----------------------------

* Wherever there is no Log Book/Project/Record work the 10 mark be added to the Practical of the respective subject.

**I YEAR
Paper 1**

Communication Skills In English

Hours of Instruction per week: 5+1hrs

Objectives:

- a. To enhance the communication skills of the students
- b. To learn the proper usage of language in different context

S.NO	TOPICS	THEORY	HRS	PRACTICAL	HRS
1	Language and Communication	Introduction	1hr		
		Objectives	1hr		
		Definition of communication	1hr		
		Function and purpose of communication	2hr		
		Process of communication	2hr	Process of communication	2 hrs
		Barriers to effective communication	1hr	Barriers to effective communication	2 hrs
		Types of communication	2 hr	Types of communication	2 hrs
		Verbal Communication	2 hrs	Verbal Communication	2 hrs
		Non-verbal Communication	2 hrs	Non-verbal Communication	2 hrs
		The Impact of Communication on Performance	1 hr	The Impact of Communication on Performance	
2	Introduction to Grammar	Introduction	1 hr		
		Objectives	1 hr		
		Parts of Speech	4 hr	Parts of speech	2 hrs
		Nouns	2 hr		
		Functions of nouns	1 hr		
		Kinds of nouns	1 hr		
		Count or non-count	1 hr		
		Gender in nouns	2 hr		
		Number in nouns	1 hr		
		Nouns and articles	1 hr		
		Quantity terms and nouns	1 hr		
		Pronouns	1 hr		

		Types of pronouns	1 hr		
		Adjectives	1 hr		
		Verbs	4 hr		
		Auxiliary verbs and their forms	1 hr		
		Kinds of verbs	1 hr		
		Verbs-tenses	1 hr		
		Adverbs	1 hr		
		Predispositions	1 hr		
		Conjunctions	1 hr		
		Interjections	1 hr		
3	Oral skills	Introduction	1 hr		
		Objectives	1 hr		
		Advantages and disadvantages of oral communication	1 hr		
		Improving oral communication	2 hr		
		One-to-one oral Communication	2 hr		
		Face-to-face communication	2 hr		
		Communication through telephone	2 hr	Communication through telephone	1 hrs
		Oral presentations	2 hr		
		Making an effective oral presentation	2 hr	Effective oral presentation	3 hrs
		Basic steps for oral presentation	2 hr		
		Visual Aids	5 hr		
		Using overhead projectors	2 hr	Using overhead projectors	2 hrs
		Using slide projectors	5 hr		
Making power point slides	3 hr				
4	Vocabulary	Introduction	1hr		
		Objectives	1hr		
		Forming words	1hr		
		Prefix	1hr		
		Suffix	1hr		
		Root	1hr		
		Words from everywhere	1hr		
5	English	Introduction	1hr		

Language Remedial Skills	Objectives	1hr		
	Sentences	1hr		
	Kinds of Sentences	1hr		
	Elements of sentence Construction	1hr		
	Structural Categorization of sentences	1hr	Precise writing	2 hrs
	Subject-Verb Agreement	2hr		
	Active voice and passive voice	2hr		
	Degrees of Comparison	2hr		
	Direct and Indirect Speech	2hr		
	Question Tags	2hr		

Reference:

1. Hewings Martin, 2003, Advanced English Grammar, Cambridge University Press.
2. Essentials of English Grammar and composition, Sultan chand publications.

**I YEAR
PAPER 2**

Basics of Anatomy AND PHYSIOLOGY

Hours of Instruction per week-5

Objectives Of The Course: To attain basic anatomical knowledge of the various organ system to cater the needs of future advanced studies.

S.No	Topic	Course Outline	Hours	Practical	Hours
1	Introduction to human body	Levels of structural complexity	3	-	-
		The internal environmental and homeostasis	10	-	-
		Survival needs of the body	3	-	-
2	Cardio vascular system	Heart: position, structure	2	-	-
		The cardiac cycle	2	-	-
		Cardiac out put	3	-	-
		Conducting system of heart	2	-	-
3	The nervous system	Neurons: properties of neurons, cell bodies	5	-	-
		Axons, dendrites	3	-	-
		The nerve impulse, the synapse and neuro – transmitters	3	-	-
		Brain: blood supply, cerebrum, brain stem, cerebellum	4	-	-
		Spinal cord: gray matter and white matter	6	-	-
4	The respiratory system	Nose and Nasal Cavity: position & structure	7	-	-
		Respiratory functions of the nose	4	-	-
		Olfactory function of the nose	4	-	-
		Pharynx: position & structure	4	-	-
		Larynx: position & structure	4	-	-
		Trachea, Bronchi, bronchioles & lungs	4	-	-
5	The digestive system	Organs of the digestive system	6	-	-
		Basic structure of the alimentary canal	6	-	-
		Mouth: tongue & teeth	5	-	-
		Salivary gland: parotid gland, submandibular gland, sublingual gland	4	-	-
		Esophagus, stomach, small intestine, large intestine	6	-	-

REFERENCE MATERIAL

1. Human Anatomy C.D. Chaurasia, CBS publishers, Vol-1, Vol-2 and Vol-3 Anatomy and Physiology of Health and Illness, Rosswood Wilson ELBS, Seventh edition.

3. Anatomy and Physiology in Health & Illness- Ross and Wilson, ELBS, 7th edition

First YEAR

PHYSIOLOGY

Hours of instruction per week – 5

S. No	Topic	Course Outline	Hours
1	Introduction to the chemistry of life	Atoms, molecules and compounds	5
		Important biological molecules: carbohydrates, proteins, lipids, nucleotides, nucleic acid	5
		Movements of substances within the body: diffusion and osmosis	5
		Body fluids	5
2	Cell, tissue blood and immunity	Structure and functions of cell	4
		Epithelial tissue, connective tissue muscular tissue and nervous tissue	3
		Blood –composition and functions	3
		Red blood corpuscles, white blood corpuscles, platelets, anemia	3
		Blood transfusion and blood groups	3
		Immunity	3
3	The special senses	Hearing and ear structure, physiology of hearing	4
		Balance and the ear: physiology of balance	4
		Physiology of sight	4
		Extra ocular muscles of the eye	4
		Accessory organs of the eye	4
		Physiology of smell	4
		Physiology of taste	4

4	Respiration	Muscles of respiration	3
		Cycle of respiration	3
		Physiological variables affecting respiration	3
		Lung volume and capacities	3
		Diffusion of gases	3
		External respiration	3
		Transport of gases in blood stream	3
5	Digestion	Summary and digestion and absorption of nutrients	4
		Metabolism of carbohydrates, protein and fat	4
		Disease of stomach and intestine	4

References

1. Chatterjee, CC, 1997, Human Physiology –Vol 2 Medical and 1 allied agency, Calcutta
2. Guyton A, C 1996, A textbook of medical physiology, 8th ed., Saunders Company, Philadelphia

I YEAR
Paper 3

Foundations of Sociology

Hours of Instruction per week: 5 + 1 hrs

Objectives:

To enable students to:

- a. Understand the fundamental concepts
- b. To understand the subject matter

Sl. No	Topics	Theory	Hours	Practicals	Hours
I	Nature and scope of sociology	Definition	1hr		
		Historical background	1hr		
		Subject matter	1hr		
		Nature and scope	1hr		
		Importance	1hr		
		Sociology of India	3hrs		
		Relationship of sociology with other social sciences	1hr		
		Economics	1hr		
		History	1hr		
		Political Science	1hr		
		Anthropology	1hr		
		Psychology	2hrs		
Philosophy	1hr				
II	Fundamental concepts	Community	4 hrs	Understanding institutions in society	10 hrs
		Institutions	15hrs		
		Association	3hrs		
		Organization	3hrs		
		Social system	4hrs		
III	Man and Society	Definition of society	1hr		
		Origin	3hrs		
		The type and feature	2hrs		

		Relationships between individual and society	2hrs		
		Social group definition	2hrs		
		Characteristics	2hrs		
		Classification	5 hrs		
		Function and their importance	2hrs		
IV	Social Processes	Meaning	2hrs		
		Associative and dissociative process	5hrs		
		Their role and importance	1hr		
V	Society, culture and socialization	Group	3hrs		
		Communities and organizations	6 hrs		
		Social structure and social inequality	8 hrs		
		Social order and social change	5 hrs		
		Social theories old and new	6 hrs		

Reference:

1. Bottomore. T.B., Sociology: A guide to problems and Literature, 1971, Random House
2. Gisbert P. Fundamentals of Sociology, 3rd Edition, 2004, Orient Longman publications
3. Neil J.Smelser, Handbook of Sociology, 1988. Sage Publications.
4. Babbie Earl, Sociology – An introduction, 1983, 3rd Edition, Wadsworth Publication Co.
5. Johnson.R.M, Systematic Introduction to Sociology, 1960, Allied Publishers

FIRST YEAR

Paper 4

CULTURAL ANTHROPOLOGY

Hours of Instruction per week: 5 hrs

Objectives:

- to determine the cultural setting of human
- to determine how culture moulds the human species

Sl.No	Topics	Course Outline	Hours
1	Early Anthropologists	From utopians, romantics and to ethnographers	14 hrs
2	Earning a living	Subsistence and exchange, kinship	7 hrs
		Social organization and the evolution of political systems	4 hrs
3	Culture	Myth, ritual and symbolism, ethnicity and ethnic groups	15 hrs
		Ethnicity and ethnic groups	15hrs
4	Identity	Ethnic groups-nationalism and human rights;	15 hrs
		Interpreting ethnic conflict	15 hrs
5	Current issues of culture and identity	Indigenous people	15 hrs

Reference books:

- Social and cultural anthropology: the key concepts, [Nigel Rapport](#), [Joanna Overing](#), 2000, Routledge Co.
- Cultural anthropology, [Barbara D. Miller](#), 2006, Pearson/Allyn and Bacon Co.
- **Cultural Anthropology** with Living Anthropology , Kottak, Conrad Kottak, 2000, Academic Internet Publishers Incorporated.
- Cultural anthropology, [Carol R. Ember](#), [Melvin Ember](#), 11th edition, Pearson/Prentice Hall, 2004.
-

YEAR I
Paper 5

GENERAL PSYCHOLOGY

Hours of Instruction per week: 5 + 3 hrs

Objectives:

- a. to understand the basic concepts of psychology
- b. to understand the attitudes and characteristics which determine behavior

Sl.no	Topics	THEORY	Hours	Practical	Hours
1	Introduction to psychology	Definition of psychology	3		
		History	3		
		Development as a science subject	3		
		Current scope and applications of psychology	3		
		Branches of psychology	2		
2.	Learning	The application of psychology	3		
		Principles of learning	3		
		Classical conditioning	4		
		Instrumental conditioning	4		
		Cognitive learning	3		
3	Developmental Psychology	Childhood – School going & Adolescent	5	Development of behavior in school going and adolescent	3
		Old age	8		
		Anatomy of nervous system	8		
		Functional subdivisions of nervous system	4		
		Behavioral neuroscience	3		
4	Schools of psychology	Neurobiological approach	5		
		Behavioral approach	4		
		Cognitive approach	4		
		Psychoanalytic approach	4		
		Humanistic approach	4		3 hrs

5	Methods of psychology	Experimental method	4		3 hrs
		Observational method	4		3 hrs
		Survey method	4		2 hrs
		Testing	4		2 hrs
		Case history method	4		4 hrs

Reference:

1. Coleman. Abnormal Psychology & modern life, 1964, Scott Foresman and Company
2. Robert A. Baron, Bonn – Pyrne. Social Psychology, 8th edition, 1997, Prentice – Hall of India
3. Scheff T.J. Being Mental ill; a Sociological theory, 1984, Chicago, New York.
4. Radhey A, Making sense of illness: The social psychology of health and diseases, 1994, Sage Publications
5. Worster, D, The wealth of nature. Environmental Health and the ecological imagination, 1993, Oxford University press, UK

YEAR I
Paper 6

COMMUNITY HEALTH AND SOCIAL MEDICINE

Hours of Instruction of week: 5 +2 hrs

Objectives:

- a. to learn what is social medicine and its utilization
- b. to understand how people of different community are susceptible to diseases

Sl.No	Topics	Course Outline	Hours	Practicals	Hours
1	Introduction	Scope of sociology in the study of health and disease	7 hrs		
		Status of health in India	7 hrs		
2	Communicable diseases	Mode of spread	1 hr	Analyzing & control of communicable diseases	8
		Occurrence and control of communicable disease.	1 hr		
		Poliomyelitis	1 hr		
		Measles	2 hr		
		Diphtheria	2 hrs		
		Tuberculosis	2 hrs		
		Small pox	2 hrs		
		Malaria	2 hrs		
		Non-Communicable diseases	3 hrs	Analyzing & control of non communicable diseases	8
		Occurrence of heart disease	4 hr		
		Cancer	2 hr		
		Bronchitis	2 hr		
		Diabetes	2 hr		
		Obesity	2 hr		
		Epilepsy	2 hr		
Anemia	1 hr				
3	Mortality and morbidity	Uses of mortality and morbidity data infant and maternal mortality	15 hrs		
		Welfare measures and changing trends	7 hrs		
4	Social Epidemiology	Cultural factors bearing on health in India	7 hrs		
		Common occupational diseases	7 hrs		
5	Health Education	Objectives and principles	4 hrs	Imparting health education	4 hrs
		Methods of health education	5 hrs		

		Role of government and non-government agencies	10 hrs		
--	--	--	--------	--	--

Reference:

1. Mascarrehas M.M, Population Education for quality of Life, Oxford and IBH Publishing Company
2. Davidkline & David Harmun, Issues in population Education, 1976, Lexington, London
3. Davis.B.M, Community Health and Social Services, 1997, Hodder and Soughton, London.
4. Cockerham C.William, Medical Sociology
5. Park. K, Park's Text Book of Preventive and Social Medicine, 2000

I YEAR**Paper 7****MEDICAL TERMINOLOGY AND CODING****Hours of Instruction per week: 5 + 1 hrs**

- a. to be an expert in terms in different disease aspects
- b. to learn the terms which are frequently used in the medical setting

Sl.No	Topics	Course Outline	Hours	Practicals	Hours
1	Definition	Objectives of learning medical terminology-basic concepts	5 hrs		
		Etymon and derivatives-etymological references in medical dictionaries, Greek and Latin origins of medical terms, other sources of medical terms	5 hrs		
		Components of medical terms	5 hrs		
2	Terms pertaining to body as a whole of Medical Terms	Roots	3 hrs	Terminology usage recording	20 hrs
		Prefixes	3 hrs		
		Colours	3 hrs		
		Numerals	3 hrs		
		Symbols	2 hrs		
		Abbreviations	2 hrs		
3	Integumentary System and Musculoskeletal	Objectives	1 hr		
		Introduction	1 hr		
		Bones	3 hrs		
		Joints, bursae cartilages & ligaments	3 hrs		
		Muscles and tendons	3 hrs		
		Abbreviations	2 hrs		
		Combining forms	3 hrs		
		Common Orthopedic Drugs	4 hrs		
4	Cardiovascular	Objectives	1 hr		

	System	Introduction	1 hr		
		Heart	3 hrs		
		Blood Vessels	3 hrs		
		Blood and Blood forming organs	4 hrs		
		Lymphatic channels & Lymphnodes	4 hrs		
		Spleen	2 hrs		
		Abbreviations	2 hrs		
		Combining forms	2 hrs		
		Common Drugs	2 hrs		
5	Respiratory System, Digestive System & Urogenital system	Objectives	1 hr		
		Introduction	1 hr		
		Nose	1 hr		
		Paranasal Sinuses	1 hr		
		Larynx	1 hr		
		Trachea	1 hr		
		Bronchi	1 hr		
		Lungs	1 hr		
		Pleura & Mediastinum	1 hr		
		Abbreviations	1 hr		
		Combining Forms	1 hr		
		Common Drugs	1 hr		
		Mouth	1 hr		
		Salivary glands	1 hr		
		Pharynx	1 hr		
		Esophagus	1 hr		
		Stomach	1 hr		
		Large & Small Intestines	1 hr		
		Liver, Gallbladder, Pancreas & Peritonium	1 hr		
		Organs of the Urogenital system	1 hr		
Urogenital Disorders	1 hr				
Ureters	1 hr				
Urinary Bladder	1 hr				
Urethra	1 hr				

	Male Genital Organs	1 hr		
--	---------------------	------	--	--

Reference:

1. Medical Terminology, Peggy Leonard, 2000, 3rd ed., W.B. Saunders and Co.

**YEAR I
Paper 8**

COMPUTER APPLICATIONS – I

Hours of Instructions per week: 4 hrs

S.NO	TOPICS	THEORY	HRS
1	Windows	Introduction	1 hr
		Operating systems	1 hr
		Organizing files and folders	1 hr
		Working with Windows Explorer	2 hrs
		MS Office 2000	2 hrs
		Process of communication	1 hr
		Basic elements of Windows	2 hrs
		Working with documents	2 hrs
		Working with tables	2 hrs
		Mail merge concepts	2 hrs
2	MS Excel	Introduction	1 hr
		Working with worksheet	1 hr
		Simple formula	1 hr
		Copying the formula	1 hr
		Paste function	1 hr
		Creating charts	1 hr
		Formatting with charts	1 hr

		Creating a presentation	2 hrs
		Using auto content wizard	1 hr
		Design template	1 hr
		Blank presentation	2 hrs
		Copying the design of an existing presentation	1 hr
		Viewing a presentation	1 hr
		Using different views	1 hr
3	DOS Commands	Introduction	1 hr
		Introduction to C	1 hr
		Basic structure of C constants	1 hr
		Variables	1 hr
		Data Types	1 hr
		Operators and expressions	1 hr
		Mathematical functions	1 hr
		Input/Output Statements	1 hr
		Decision making	1 hr
		Branching statements	1 hr
		Simple if, if-else, elseif, nested if, swich, conditional operator, goto statements	2 hrs
		Looping statements	1 hr
		While, do for statements	2 hrs
4	Arrays	Introduction	1 hr
		One dimensional arrays	2 hrs
		Multi dimensional arrays	2 hrs
		String functions	2 hrs
		Functions	1 hr

		Return Values and their types	2 hrs
		Category of functions	1 hr
		Arguments with return values	2 hrs
		Nesting of functions	2 hr
5	Structures	Introduction	1 hr
		Structure initialization	2 hrs
		Giving values to members	2 hrs
		Comparison of structure variables	2 hrs
		Unions	2 hrs
		Definitions and designing values	2 hrs
		Files	2 hrs
		Types of files	1 hr
		File operations	2 hrs

Ref books:

DP Nagpal "Mastering Microsoft Office 2000" AH Wheeler Publishing Company Ltd.2000
E Balaguruswamy " Programming in ANSI C" Tata Mc Graw Hill 2000

YEAR II
Paper 1

MEDICAL SOCIOLOGY-I

Hours of Instruction: 5 + 1 hours

Objectives:

- a. to understand the social aspects of disease, sickness and illness
- b. to understand the social aspects of health setting

Sl. No	Topic	Course Outline	Hours	Practicals	
1	Medical Sociology	Definition	1 hrs		
		Objectives	1 hr		
		Principles	2 hrs		
		Scope and its relevance to patient care	3 hrs		
		Difference between sociology of medicine and sociology in medicine	3 hrs		
		Historical development of medical sociology in the west and in India	3 hrs		
		Current trends in medical sociology in the Indian health scene	1 hrs		
2	Health in a social context	Thinking about health disease and sickness	4 hrs	Public interpretation of health in any community	4 hrs
		Official definitions of health	5 hrs		
		lay definitions of health	4 hrs		
		Towards a social model of health	3hrs		
		The contribution of sociology and social policy	2 hrs		
3	The family and health	Studying the family	2 hrs	Health work and the family	3 hrs
		The family in sociology	2 hrs		
		The family and socialization	2 hrs		
		Social change and the family	2 hrs		
		Health work and the family	2 hrs		

		Family, Marriage and relationship to illness	4 hrs		
4	Social factors predisposing to specific groups of disease	Child rearing practices and its effect on health	5 hrs		
		Alcoholism	10 hrs		
		Drug dependency	10 hrs		
		Tobacco smoking and chewing on health	5 hrs		
		Housing, shelter, neighborhood and their relation to health	2 hrs		
		Habits, practices connected with sex marriage and pregnancy and their effect on health	2 hrs		
		Occupational health	8 hrs		
5	The physician and health profession in a changing society	The professionalisation and socialization of the physician	7 hrs		
		Doctor patient relationship	5 hrs	Doctor patient relationship	3hrs

Reference:

1. Coe.M. Rodney, Sociology of Medicine, 1970, McGraw Hill Publication.
2. Jones.J. Linda. The Social context of health and health work
3. Tuckett David, Medical Sociology, 1976
4. Merton R.K, The student-Physician Introductory studies in the Sociology of Medical education
5. Sakharkar B.M., Principles of Hospital Administration and planning

YEAR II
Paper 2

MEDICAL SOCIAL WORK

Hours of Instruction per week: 4+3

Objectives: To understand historical preview of social work

Sl.no	Topics	Course Outline	Hours	Practicals	Hours
1	Medical Social work	A general view	1 hrs		
		Historical development of medical social work in India and in West	2 hrs		
		Need for medical social work	1 hrs		
		Use in the health setting	3 hrs		
		Relevance of medical sociology in the practice of medical social work in hospital setting	3 hrs		
2	Public Health programmes	Programme for controlling communicable diseases & non communicable diseases	4 hrs		
		Services for promoting environmental health	9 hrs		
		Programmes for tackling malnutrition	9 hrs		
		Maternal and child health services	9 hrs		
		Service for the aged	9 hrs		
3	Disability and Rehabilitation	Handicap impairment	4 hrs		
		Different types of disabilities	5 hrs		
		Special schools	5 hrs		
		Difference between mental retardation and mental illness	3 hrs		
4	Social work in different health settings	Geriatric clinics	3 hrs	Social work in health settings by placements	20 hrs
		HIV clinics	3 hrs		
		NGO's	3 hrs		
		Deaddiction agencies	3 hrs		
		Tuberculosis clinics	3 hrs		
		Family planning clinics	3 hrs		
		Maternal child welfare	3 hrs		
5	Counseling	Sick	1hr	Counseling	10 hrs
		Suicide	3 hrs		
		Case work and group work	4 hrs		

Reference:

1. Hudson. L. Barbara & Geraldine M. Macdonald, Behavioral Social work: An Introduction, 1986, Macmillan Private Limited

2. Camblin Joe, Practical Social work, 1982, Macmillan Private Ltd.

YEAR II

Paper 3

SOCIAL PROBLEM

Hours of Instruction: 5 hours

Objectives:

- a. to understand the present day problems which is prevailing in the society
- b. to understand the theories which is useful to it.

Sl.No	Topics	Course Outline	Hours
1.	Introduction	Nature and scope	2 hrs
		Study of social problems in India	4 hrs
		Individual and social disorganization	3 hrs
		Causes and types of individual disorganization	3 hrs
2	Sexual Behaviour	Human sexuality	3 hrs
		Contemporary sexual behaviour	3 hrs
		Homosexuality	3 hrs
		Prostitution	3 hrs
		Pornography	3 hrs
		Responding to problems of sexual behaviour	3 hrs
		Sociology perspectives on sexual behaviour	4 hrs
3	Crime & delinquency	The nature of crime	3 hrs
		The distribution of crime	3 hrs
		Types of crime	3 hrs
		Dealing with criminals	2 hrs
		Responding to problems of crime & delinquency	3 hrs
		Sociological Perspectives on crime and delinquency	8 hrs
4	The Sick	AIDS& Suicide	5 hrs
		Health and modern living	3 hrs
		Acute, Chronic and Terminal Illness	3 hrs
		Responding to the problems of sick	3 hrs
		Sociological perspectives on the problem of the sick	10 hrs
5	Mental disorders	What is mental disorders	3 hrs
		Classification of mental disorders	3 hrs

		Distribution of mental disorders	5 hrs
		Causes of mental disorders	3hrs
		Responding to problems of mental disorders	3 hrs
		Sociological perspectives on mental disorders	5 hrs

Reference:

1. Madan.G.R, Indian Social Problems, Vol I
2. Merton.R.K and R.A.Nisbert, Contemporary Social Problems
3. Harton P.E and G.R. Leslie, The Sociology of social Problems
4. Coleman J and D Cressey, Social Problems
5. Freeman H.F. and W.C. Jones, Social Problems

YEAR II
Paper 4

COMMUNITY DEVELOPMENT AND PLANNING

Hours of Instruction: 5 hours + 1

Objectives:

- a. to understand the developmental institutions which brings the standardization t the community
- b. makes the student to plan efficiently

Sl.no	Topics	Course Outline	Hrs	Practicals	Hrs
1	Introduction	Historical background of community development programme	3		
		Relevance objective of community development programme	3		
		Types of community, rural and urban community	6		
		Community development approach to social change: Concepts, assumptions and strategies of community development	10		
		Indian experience in community development	6		
2	Concept of development and modernization	Theories of development and underdevelopment	10		
		Urban community development concepts of urbanism and urbanization	7		
		Characteristics of urbanization	7		
		Concepts of urban development in India and its need and origin	7		
3	Panchayati Raj in India	Develop an understanding of the concept	7		
		History, goals, structure and functioning of panchyati raj institutions	7		
4	The new strategy: growth center concept & Integrated Rural Development	Approach	3		
		Integrated Rural Development	3		
		Concept of growth centers	4		
		Central Place Theory	5		
		Rise of growth centers in Integrated Rural Development	5		
5	Community Organization	Unreality	2	Visit to sponsored organisation and	10 hrs
		Reality	1		

		Management Planning & Communication	4	evaluating self help group	
--	--	-------------------------------------	---	----------------------------	--

Reference:

1. Sharma S.K. Malhotra S.L 1977 Integrated Rural development approach, Strategy and perspectives-New Delhi, Abhinav Publications
2. Anderson Nels & k.Ishvaran, Urban Sociology
3. Dey S.K. 1964, community development a birds eye view. Bombay Asia Publishing House.

**YEAR II
PAPER 5**

SOCIAL PSYCHOLOGY

Hours of Instruction per week: 5 + 2

Objectives:

- c. to understand the basic concepts of psychology
- d. to understand the attitudes and characteristics which determines the behavior

Sl.no	Topics	THEORY	Hours	PRACTICALS	Hours
1	Social Psychology An Introduction	Person perception and social cognition	2 hrs		
		Attribution	2 hrs		
		Explaining the cause of behavior	2 hrs		
		The self as social object	1 hr		
		Understanding and judging one's own behavior	1 hr		
		Impression formation	1 hr		
		First impression do count	1 hr		
		Social comparison	4 hr		
		Using others to understand oneself	2 hr		
		Determining responsibility for success and failure	2 hr		
		Attribution of achievement	4 hr		
2	Attitudes	What is an attitude	4 hrs	Analyzing attitudes	5hrs
		Forming and maintaining attitudes	4 hrs		

		Changing attitudes	4hrs			
		The science of persuasion	4 hrs			
3	Social Behaviour	Do attitudes determine behavior	2 hrs	Types of behaviour	5 hrs	
		Prosocial behavior	4 hrs			
		Helping others if times of need,	2 hrs			
		Noticing and interpreting the need of help	2 hrs			
		Assuming responsibility for taking action	2 hrs			
			Implementing assistance	2 hrs		
			Personality characteristics and helping behavior	1 hr		
			Social psychological influences on health	1 hr		
			Changing behavioral patterns of coronary heart disease	1 hr		
			Understanding preventive behavior	1 hr		
		4	Emotions	Nature	2 hrs	Understanding Human Emotions
Types and its expressions	2 hrs					
Theories of emotions	4hrs					
Definitions and concept	2 hrs					
Adaptive and disruptive emotions	8 hrs					
Role of appraisal	3 hrs					
Emotional intelligence	2 hrs					
Physiological responses to emotions	3 hrs					
5	Environmental Effects on Individuals	Family	3 hrs	Environmental Effects on individuals	5hrs	
		School	3 hrs			
		Society	3 hrs			
		Community	3 hrs			
		Race	3 hrs			
		Job & Profession	3 hrs			

Reference:

1. Coleman. Abnormal Psychology & modern life, 1964, Scott Foresman and Company
2. Robert A. Baron, Bonn - Pyrne. Social Psychology, 8th edition, 1997, Prentice – Hall of India
3. Scheff T.J. Being Mental ill; a Sociological theory, 1984, Chicago, New York.

4. Radhey A, Making sense of illness: The social psychology of health and diseases, 1994, Sage Publications
5. Worster, D, The wealth of nature. Environmental Health and the ecological imagination, 1993, Oxford University press, UK

YEAR II
Paper 6

HOSPITAL OPERATIONS AND PUBLIC RELATIONS

Hours of Instruction: 5+2

SN	Topic	Course Outline	Hours	Practicals	Hours
1	Introduction to Hospital Administration	Introduction & Objectives	2 hrs		
		Hospital Administration	3 hrs		
		Managerial Activities of Hospital	6 hrs		
		Rise of Hospital Administrator	2hrs		
		Managerial functions	8 hrs		
2	Public Relation	Introduction	1 hr		
		Objectives	1 hr		
		Public	2 hrs		
		Elements	3 hrs		
		Tools	5 hrs		
		Employee Relation	6 hrs	Employee Relation	5 hrs
		Patient Relations	7 hrs	Patient Relations	5 hrs
3	Controlling & Coordination	Introduction	1 hr		
		Objectives	1 hr		
		Controlling	2 hrs		
		Basic control process	3 hrs		
		Control techniques	4 hrs		
		Co-ordination	2 hrs		
		Facilitate co-ordination	4 hrs		
4	Clinical Supportive Services	Introduction	1 hr		
		Objectives	1 hr		
		Lab services	3 hrs	Lab Service	5 hrs

		Radiology service	3 hrs		
		Pharmacy	4 hrs	Pharmacy	5 hrs
		Operation theatre suite	5 hrs		
5	Hospital Marketing	Introduction and Objectives	2 hrs	Visit for hospital marketing and public relation	2 hrs
		Products of the hospital service	4 hrs		
		Characteristics of hospital marketing	4 hrs		
		Characteristics of marketing a healthcare organization	4 hrs		
		Benefits of marketing	6 hrs		

YEAR II

Paper 7

Hours of Instruction: 5 hours

Objectives:

- To understand the advanced statistical methods for medical data analysis
- To understand the tools of analysis of data

BIOSTATISTICS

Sl.No	Topics	Course Outline	Hours
1	Scope of statistical methods in medicine	Introduction	3 hrs
		Problems of Estimation	3 hrs
		Tests of Hypothesis	10 hrs
		Experimental setting	3 hrs
2	Role of Statistics in clinical medicine	Introduction	4 hrs
		Some examples of earlier uses of statistics	10 hrs
		Areas of application of statistics	10 hrs
3	Role of Statistics in Preventive Medicine	Introduction	4 hrs
		Some early examples	6 hrs
		Areas of application	4 hrs
4	Observations in Medicine	Introduction	3 hrs
		Some essential features	3 hrs
		Data recorded in routine clinical practice	3 hrs
		Qualitative and quantitative observation	6 hrs

		Scale of measurement	3 hrs
5	Frequency distribution	Introduction	3 hrs
		Frequency distributions	10 hrs
		Diagrams	6 hrs
		Characteristics of a frequency distribution	6 hrs

Reference:

1. Kothari C.R. Research Methodology, 1987, Wiley Eastern Limited, New Delhi.
2. Young Pauline V. Scientific Social Surveys and Research; 1940, New York; Prentice Hall.
3. Lundberg G.A, " Social Research ", 1942, New York: Longman Publications.
4. Jahoda, Marie, Morton Duetsch & Stuart W.Cook, 1951, Research Methods in Social Relations. New York: Dryden publications.
5. W.J.Goode & P.K.Hatt. : " Methods in Social Research", 1981, McGraw- Hill Book Company.

YEAR II

COMPUTER APPLICATION - II

Paper 8

Hours of Instructions per week: 4 hrs

S.NO	TOPICS	THEORY	HRS
1	MS ACCESS TO DATA BASE	Introduction to MS Access	2 hrs
		Database concepts-Database Terminology-Normalization and its types	4 hrs
		Import and link the data-Create and design tables	4 hrs
		Working with tables-Filtering records	4 hrs
		Search and replace records-sorting records-Relationship and types	2 hrs
2	MS ACCESS TO DESIGN	Design simple query-Multiple queries	2 hrs
		Using build functions-Inner and outer joins in a query	4 hrs
		Design forms-Enhancing forms	4 hrs
		Inserting objects-Hyperlinks-Reports	4 hrs
		Summary options	1 hr

		Customizing reports	1 hr
3	VISUAL BASICS	Introduction to Visual Basic	1 hr
		Objects in Visual Basic-Forms	2 hrs
		Forms-Setting form	1 hr
		Events and methods-Controls-adding controls to forms	1 hr
		Setting properties for controls-Sample application	1 hr
		Programming basics-Understanding Visuals basic data types	1 hr
		Input/Output statements	1 hr
		Variables-naming and declaring	2 hrs
		Variables-Understanding constants	2 hrs
		Mathematical, Comparison	2 hrs
		Relational and logical operators	2 hrs
4	CONDITIONAL STATEMENTS	Program flow control	1 hr
		Working with conditional statements	2 hrs
		If ... then-if....then....else-nested if-select case	2 hrs
		– the looping concepts -for...next-do...until-nested loops	2 hrs
		Arrays-the array data type and its uses	1 hr
		Declaration of arrays	2 hrs
		Multi dimensional arrays-operations with arrays	1 hr
		Procedures-working with sub programs and functions-event procedures-property procedures-general procedures.	2 hrs
		Sub procedures-function procedures-adding graphics to forms	2 hrs
5	MENU EDITORS	Menus	2 hrs
		Menu editors-popup menus	2 hrs
		Mouse events	2 hrs
		Keyboard events	2 hrs

	MDI for objects and classes	4 hrs
	Database concepts	2 hrs
	Data control	2 hrs

YEAR III

Paper 1

MEDICAL SOCIOLOGY-II

Hours of instruction per week: 5+2

Objectives:

- understanding the factors predisposing the occurrence of disease
- to understand the other areas of medicine which supports sociology

1	The work of Nursing	Nursing as a particular type of work	4 hrs	Nursing	5hrs
		The social character of nursing	5 hrs		
		The social organization of nursing work	5 hrs		
2	The family and disease	Family basic unit of study	2 hrs	Family & Disease	5 hrs
		The family and socialization	2 hrs		
		Social change and the family	2 hrs		
		The role of a family	2 hrs		
		Influence of family	2 hrs		
		Theories of family	4 hrs		
3	Epidemiology	The development of Epidemiology	3 hrs		
		Epidemiological measures	8 hrs		
		The complexity of Modern illness	3 hrs		
		Disease and social modernization	3 hrs		
		AIDS	4 hrs		
4	Health Care delivery and social policy	Rising costs	2 hrs	Healthcare delivery	5 hrs
		Equity in Health services	2 hrs		
		Distribution of services	2 hrs		
		Overview of healthcare delivery	2 hrs		
		Social legislation in healthcare	3 hrs		
		A Marxist critique	3 hrs		
5	Dependency, age and	Unpacking dependency	2 hrs	Analyzing	5 hrs

	disability	The shifting category of disabled persons	2 hrs	dependency and disability	
		Age and generation	3 hrs		
		Theories of old age and health	4 hrs		
		Health of older people	3 hrs		
		Health work and dependency	3 hrs		

Reference:

1. Jones.J. Linda, The Social Context of Health and Health Work, 1994, Macmillan Press Ltd.
2. Tuckett David. An introduction to Medical Sociology, 1976, Tavistock Publication
3. Freeman and Levine, 1989, Hand Book of Medical Sociology, Prentice Hall.
4. Cockerham C.William. Medical Sociology, 1978, Prentice Hall Inc.
5. Cole R.M. Sociology of Medicine

YEAR III

Paper 2

SOCIOLOGY OF INDIA

Hours of Instruction of week: 6

Sl.no	Topic	Course Outline	Hours
1	Introduction	Characteristics of Indian society	5 hrs
		Racial linguistic	5 hrs
		Religious and demographic	5 hrs
		Hindu social organization-ashramas, varnas, dharma and karma, purushartha	5 hrs
2	Caste system in India	Structure, functions, sanctions and structures of caste	5 hrs
		Theories of origin, Indian joint family	6 hrs
		Characteristics features of joint family	5 hrs
		Advantages and disadvantages of the joint family	4 hrs
3	Marriage	Marriage among Hindu, Muslims, and Christians	7 hrs
		Status of women during the Vedic, pre independent and post independent periods.	7 hrs
		Changing status of women, role of social reforms and social legislations	7 hrs
4	Problems of under – privileged scheduled castes & scheduled	Definition & problems of the scheduled castes	2 hrs
		Untouchability	4 hrs

	tribes & other backward classes	Origin & eradication of untouchability	2 hrs
		Harijan welfare activities of the government	2 hrs
		Failure of constitutional measures in abolishing untouchability	2 hrs
		Role of Gandhiji and Dr. Ambedkar in the removal of Untouchability	2 hrs
		Measures of the welfare of scheduled castes	2 hrs
		Harmful effects of untouchability	2 hrs
		Tribal Problems and tribal welfare	2hr
		The backward classes movement	2 hr
5	Sanskritisation, Westernization and modernization	Meaning and definition	2 hrs
		Sanskritisation and Brahminisation	3 hrs
		An analysis of the process sanskritisation	3 hrs
		Main features of Westernization	3 hrs
		Process of modernization	3 hrs
		Characteristics of modernization	2 hrs
		Process of modernization in India	2 hrs
Process of Modernization	2 hr		

Reference:

1. Bottomore. T.B., Sociology: A guide to problems and Literature, 1971, Random House
2. Gisbert P. Fundamentals of Sociology, 3rd Edition, 2004. Orient Longman.
3. Neil J.Smelser, Handbook of Sociology, 1988. Sage Publications.
4. Babbie Earl. Sociology – An introduction, 3rd Edition, 1983, Wadsworth Pub. Co.
5. R.M.Johnson. Systematic Introduction to Sociology. 1960, Allied Publishers

YEAR III**Paper 3****MEDICAL ETHICS AND LEGAL ASPECTS****Hours of Instruction: 4 hrs**

Objectives:

- a. to understand the ethics related to medical setting
- b. to understand the principles of ethics which encompasses the patient care

Sl.no	Topics	Course Outline	Hours
1	Introduction to Medical Ethics	Introduction	2 hrs
		Objectives	2 hrs
		Modern cultures and its influence on Ethics	2 hrs
		History of Medical Ethics in India	2 hrs
		Ethical Decline in India	2 hrs
		Concept of Medical Ethics in India	2 hrs
		Conclusion	2 hrs
2	Principles and code of conduct	Introduction	1 hr
		Objectives	1 hr
		Major principles of medical ethics	1 hr
		Principles of medical ethics formulated by AMA	2 hr
		International Code of Medical Ethics	2 hrs
		Code of Medical Ethics	2 hrs
		Medical Council of India	2 hrs
		Duties and responsibilities of physician in General	1 hr
		Duties of physician to their patients	1 hr
		Duties of physician in consultation	1 hr
		Conclusion	1 hr
3	Malpractice and Negligence	Introduction	1 hr
		Objectives	1 hr
		Malpractice	2 hr
		Examples of medical malpractice	2 hrs
		Medical negligence	2 hrs

		Consumer protection act and medical negligence	5 hrs
		Common medical malpractice legal terms	8 hrs
		Conclusion	2 hrs
4	Confidentiality and patient rights	Introduction	1 hr
		Objectives	1 hr
		Confidentiality	2 hrs
		The need for confidentiality	2 hrs
		Rights of patients	2 hrs
		Bill of rights	2 hrs
		Informed Consent	2 hrs
		Conclusion	2 hrs
5	Irrational Drug Therapy	Introduction	2 hrs
		Objectives	2 hrs
		Rational Use of Drugs	2 hrs
		Impact of Inappropriate use of Drugs	2 hrs
		Drugs under special circumstances	2 hrs
		Code of ethics for pharmacists	2 hrs
		Conclusion	2 hrs

Reference:

1. Jadunath Sinha . A manual of Ethics, 2001, New Central Book Agency private Ltd
2. Francis.C.M. Medical Ethics, 1st Edition, 1993, Jaypee Brothers
3. Freeman and Levine, Hand Book of Medical Sociology. Prentice Hall, 1989
4. Syed Amin Tabish, Hospital and Health Services Administration (Principles and practice), 2001, Oxford University Press
5. Park. K, Park's Text Book of Preventive and Social Medicine, 2000

YEAR III

PAPER 4

HUMAN RIGHTS

Hours of Instruction: 6 hrs

CHAPTER	SUB UNITS	Hours
Theoretical framework for Human Rights:	Development of the concept of Human Rights Internationally - A historical perspective	3
	Indian Historical Legacies: Origin and development of Human Rights in India.	3
	Constitutional Vision: Constituent Assembly,	4
	Nature of Constitution, Preamble	4
	Fundamental Rights right to Constitutional remedies,	3
	Directive Principles.	3
Developments after Second World War (UDHR & Covenants):	UN charter- Universal declaration of Human Rights	6
	Declaration on Elimination of Racial Discrimination 1963	3
	Convention on Elimination of Racial Discrimination 1965	3
	International Covenants, 1966	3
	Optional Protocols to ICCPR.	2
International Standards:	Convention on Refugees, 1951& Protocol 1967	2
	Convention on the all forms of discrimination against women-1979	2
	Violence Against Women 1994	2
	Conventions on the Rights of the Children-1989;	2
	Optional Protocols & UNGASS 2003 –	2
	Convention Against Torture, 1984	2
	Convention on Migrants, 1990.	2
	Amnesty International	3
	Human Rights Watch	3
	Anti Slavery International	3
	International Committee on Red Cross	3
	Indian Human Rights Enforcement: Constitutional Machinery, Human Rights Commissions,	3
	National Human Rights Commission,	2
	States Human Rights Commission,	2
	Women Commission,	2
	Child Rights Commission,	2
	Minorities Commission,	2
Commission on Various Vulnerable Groups	2	

REFERENCES

1. Chandra, Satish, 1990 International Documents of Human Rights, Mittal publications, New Delhi.
2. Donnelly, Jack, 1989 Universal Human Rights in Theory and practice, Cornell University Press, USA.
3. Chakraborty, Somen, 2004. Human Rights Trainer's Manual, Indian Social Institute, New Delhi.
4. Mathew P.D & P.M. Mathew, 2005 Indian Legal System : An Overview, Indian Social Institute New Delhi
5. National Law School of India University, 2000 Handbook on Human Rights for Judicial officers, National Institute of Human Rights, National Law School of India University , Bangalore.
6. Pandey, P.N, 2000. Constitutional Law of India, Central Law Agency, Allahabad

YEAR III**Paper 5****PRINCIPLES OF MANAGEMENT****Hours of Instruction: 4 + 1 hrs**

Objectives:

- a. The course aims at acquainting the students with various aspects of Modern Management.

Sl. No	Topics	Course Outline	Hours	Practicals	Hours
1	Basics of Management Thought	Management	4 hrs		
		Science, theory and practice	3 hrs		
		Management and society	3 hrs		
		Social responsibility and ethics	5 hrs		
2	Planning	Nature and purpose of planning	3 hrs		
		Objectives	3 hrs		
		Strategies, policies and planning premises	3 hrs		
		Decision making	6 hrs		
3	Organizing	Nature and purpose of organizing	3 hrs	Line staffing	5hrs
		Line or staff authority	3 hrs		
		Decentralization	4 hrs		
		Basic departmentalization	4 hrs		
		Organizational change and development	3 hrs		
4	Staffing	Fundamentals of staffing	8 hrs	Performance Appraisal	5hrs
		Performance appraisal	8 hrs		
5	Leading or directing	Managing the human factor	4 hrs		
		Motivation	4 hrs		
		Leadership	4 hrs		
		Communication	6 hrs		

YEAR III

Paper 6

Hours of Instruction per week: 5 hrs

HOSPITAL COST CONTROL AND ACCOUNTANCY

Sl.No	Topic	Course Outline	Hours
1	Financial Accounting	Introduction	1 hr
		Basic Accounting Concepts	2 hr
		Entry concept	4 hr
		Money Management concept	4 hr
		Cost concept	4 hr
		The going concern concept	1 hr
		Periodical concept	4 hr
		Accrual Concept	1 hr
		Matching concept	4 hr
		Concept of prudence	1 hr
		The Regulatory concept	4 hr
2	Primary books and trial balance	Primary Books: Introduction & Objectives Ground Rules of Journal Entry	6 hrs
		Secondary Books: Introduction & Objectives Types of Secondary Books Posting Techniques in the ledger	6 hrs
		Trial Balance Introduction & Objectives Preparation of Trial Balance Errors & Rectification Trading Accounts, Balance Sheets, profit and loss accounts	22 hrs

3	Balance Sheet Concepts: Forms & Classification of items	Current Assets: Cash Temporary Investments Accounts Receivable Inventories Prepaid Expenses Fixed Assets Intangible Assets Other Assets	5 hrs
		Current Liabilities: Accrued Liabilities Accounts Payable	3 hrs
4	Fund Flow & Cash Flow Statements	Introduction, Working capital & its need	3 hrs
		Fund Flow Statement	1 hrs
		Implicit of Cash & Cash Flow Statement	1 hr
		Sources & Uses of Cash – Operation Cash	1 hrs
		Investing Activities & Financial Activities	2 hr
5	Understanding & Classifying Costs	Cost Accounting	
		Costs	
		Elements of Costs	
		Cost Sheet	
		Classification of Costs: Fixed variable, Semi variable	
		Direct & Indirect Cost	
		Controllable & Uncontrollable Cost	
		Out of pockets costs	
		Opportunity costs	
Break Even Analysis			

YEAR III

Paper 7

Hours of Instruction: 5

DISASTER MANAGEMENT & ENVIRONMENTAL STUDIES

REF
ERE
NCE
S:

Tho
mas
Song
er,
"Epi
demi
olog
y of
Disa
sters
",
Univ
ersit
y of
Pitts
burg

UND
RO,
"An

CHAPTER	SUB UNITS	HOURS
Introduction	Introduction & Dimensions of Natural & Anthropogenic Disasters,	5
	Principles/Components of Disaster Management,	5
	Organizational Structure for Disaster Management,	5
Environmental Resources & Disaster Mitigation	Natural Disasters and Mitigation Efforts,	3
	Flood Control,	3
	Drought Management,	3
	Cyclones, Avalanches,	3
	Mangroves,	3
	Land Use Planning,	3
	Inter-Linking of Rivers,	3
	Forest Fires, Oil Fires,	3
	Crisis in Power Sector,	3
	Accidents in Coal Mines,	3
Terrorism and Emergency Management,	3	
Management Schemes	Disaster Management Schemes/SOPs,	5
	Role of Union/States,	5
	Role of Armed Forces/Other Agencies in Disasters,	5
	Important Statutes/ Legal Provisions,	5
	IEDs/Bomb Threat Planning, NBC Threat and Safety Measures	5
Intervention	Concept of Team Building,	3
	Operations Management (OM),	5
	Risk Assessment and Disaster Response,	5
	School Awareness and Safety Programmes,	3
	Psychological and Social Dimensions in Disasters,	4
	Trauma and Stress, Emotional Intelligence,	3

Overview of Disaster Management": 2nd Edition 1992

Disaster Management in India – A Status Report Govt of India, Ministry of Home Affairs, National Disaster Management Division: August 2004