

BU-COMMUNITY COLLEGE CONSULTANCY CENTRE

REVISED SYLLABUS – 2021-22

FOR

DIPLOMA IN HEALTH ASSISTANCE



BHARATHIAR UNIVERSITY

COIMBATORE-641046

BHARATHIAR UNIVERSITY, COIMBATORE.

**DIPLOMA IN HEALTH ASSISTANCE
(Community College)**

(for the candidates admitted form the academic year 2021-22 onwards)

Minimum qualification for admission to Diploma Course in Health Assistance is a pass in Standard X.

SCHEME OF EXAMINATIONS

S.No	Title of the Course	Credits	Maximum Marks
1	Basics of Anatomy & Physiology (Theory)	4	100
2	Applied Microbiology (Theory)	4	100
3	Hospital & Health care & Services (Theory)	4	
4	Hospital & Healthcare & Services(Practical & Viva voice)	4	100
5	Basics of patient care & health Assistance (Theory)	4	100
6	Basics of patient care & health Assistance Practical Training (practical & Viva Voice)	4	100
7	Applied Microbiology (Practical)	4	100
8	Internship/Hospital Training Report (Practical)	4	100
	Total	32	800

Question paper Pattern: Theory

Section A: (10 x 2=20 Marks)

Answer ALL the questions

Section B: (5 x 6 = 30 Marks)

Answer ALL the questions either (a) or (b)

Section C: (5 x 10 = 50)

Answer ALL the questions either (a) or (b)

Duration of examinations for all papers is three hours.

*Minimum Pass Mark: 40 Marks

PAPER I

BASICS OF ANATOMY & PHYSIOLOGY

Unit:1	Organisation Of Human Body	
Definition & subdivisions of anatomy, anatomical position and terminology, regions and system of the body, cavities of the body and their contents. Size and shape of cells. Parts of cells, cell division. Tissues of the body, characteristics and function of different types of tissues, types of glands. Application and implication in Health assistance.		
Unit:2	The Skeletal System	
Skeleton – Definition axial and appendicular skeleton with names and location of bones Joints – Types of joints & kinds of movement possible Muscles – Definition, types of muscles, difference between striated & smooth muscle Functions of the muscles, bone and joints. Application and implication in health assistance.		
Unit:3	The Nervous System	
Subdivisions of nervous system, brain - location, external features and functions of brain & spinal cord, location, features, functions of the sense organs. Application and implication in health assistance.		
Unit:4	Cardio Vascular And Respiratory System	
The types & structure of blood vessels. Shape, structure of heart, blood supply to heart and functions of cardio vascular system. The name, location of organs of respiration and Physiology of respiration. Application and implication in health assistance.		
Unit:5	Other Systems OfThe Body	
Name, parts and functions of alimentary canal and accessory organs Names of endocrine gland – location & features and function of the endocrine glands Parts and functions of kidney, ureter, bladder and urethra. Application and implication in health assistance.		
Text Book(s)		
1	Ross & Wilson. (2008). Anatomy & physiology. British publishers	
2	Chandi charan chatterjee. (1988). Human physiology. Calcutta, Medical allied agency	

PAPER II
APPLIED MICROBIOLOGY

Unit:1	Introduction	
<p>Definition & importance of microbiology for nursing assistants. Classification of micro organisms. Brief morphological features of microbes. General properties of bacteria, viruses & fungus.</p>		
Unit:2	Chain Of Infection	
<p>Definition of infection Chain of infection – Sources of Microbes, routes of infection, mode of spread Hospital acquired infection & Prevention of Hospital acquired infection Immunity & its types and Immunization – Vaccine and toxoids – bacterial, viral.</p>		
Unit:3	Sterilization And Disinfection	
<p>Sterilization – Definition & Classification physical methods of sterilization, use of autoclave, preparation & sterilization of surgical packs. Disinfection - Definition & Classification, methods of disinfection. Principles of cleaning & disinfecting the rubber, goods, glassswares, packs, linens, equipments.</p>		
Unit:4	Standard Precaution And Biomedical Waste Management	
<p>Collection and transport of specimen, standard precaution for prevention of blood borne infection. Collection of culture sources from theatre. Biomedical waste segregation & waste management.</p>		
Unit:5	Environmental Hygiene	
<p>Maintenance of Ward Hygiene, Terminal and Concurrent Disinfection Role of the Nursing Assistant in maintaining Cleanliness of the patient and Environmental Hygiene. Machinery, equipment and linen – Types: Disposables and reusable – linen, rubber goods, glassware, metal, plastics, furnitures, machinery. Introduction: Indent – maintenance, inventory.</p>		
Reference Books		
1	Hans G. Schlegel, General Microbiology (7 th Edition), Cambridge University Press	
2	Bisen.P.S,Hand (1994),Book of Microbiology (1st Edition), New Delhi, CBS Publication.	

PAPER III
HOSPITAL AND HEALTH CARE SERVICES

Unit:1		
Hospital – types in a hospital – service provided in a hospital organization of public and provide sector hospital. Various Department in the hospital, Health Assistance role in the Outpatient Department.		
Unit:2		
Communication process – Types of Communication – Barrier for effective communication receiving & communication with patient and family members; values and characteristics required for health assistance & communicating with patient and family members; values and characteristics required for health assistance.		
Unit:3		
Hygienic Needs-Hygienic Needs- Definition, Factors influencing Hygienic, Basic care-Bath, Back Care, Back Massage, Feet and nail, mouth Care, Eyes, Ears and Nose, hair Care and Pediculosis Treatment, Prevention of Bed Sore, Providing Urinal/Bed Pan, Perineal Care and Catheter care, Bowel Elimination-Enemas, Sitz Bath, Suppository, Passing Flatus Tube, Assisting the patient with vomiting, Diarrhoea and death care, assisting the patient for feeding vital signs.		
Unit:4		
Body Mechanics- Principles, factors affecting body alignments, range of Motion and joint mobility, Prevention of injuries and promotion of safety, transporting the patient from bed to wheel chair and vice versa. Record and Reports – Types and issues, common legal and ethical problems, Negligence, Malpractice, defamation of character. Meeting needs of patient – Basic needs (activities of daily living). Providing safe and clean environment, Physical environment – Temperature, humidity, noise, ventilator, light, odour, pests control. Role of health assistant in providing safe and clean environment.		
Unit:5		
Orientation to Computer, Application of Computer in the hospital – Role of health care assistant in maintenance of Hospital Record and retrievals.		
Reference Books		
1	Sr. Nancy, (2000) Principles and Practice of Nursing , 3 rd edition, Indore, N.R. Brothers.	
2	Kusum Samant (2005), Basic Computer Training for Nurses ,Vora Medical Publications.	

PAPER IV
BASICS OF HEALTH ASSISTANCE

Unit:1	Health and Wellness	
Definition of Health and Illness, Factors influencing Health and Illness behavior, Impact of Illness on Patient and Family, Prevention of Illness, Organization of Hospital, Inpatient and outpatient department, Role of the Nursing assistant in each department Admission to the Hospital – Unit preparation, Admission Procedure Discharge from the Hospital – Types, Discharge procedure. Role and Responsibilities of the Nursing Assistants in Admission and Discharge Communication Among the Health Care team and maintaining effective communication.		
Unit:2	Meeting Comfort Needs	
Bed Making, Types of Beds and various positions, Promotion of Comfort, Rest and Sleep. Checking the Temperature, Pulse and Respiration Hot and Cold Applications – Indication, Contraindication and Procedure.		
Unit:3	Safety in the Healthcare Facility	
Body Mechanics- Principles, factors affecting body alignments, range of Motion and joint mobility, Prevention of injuries and promotion of safety, transporting the patient from bed to wheel chair and vice versa. Record and Reports – Types and issues, common legal and ethical problems, Negligence, Malpractice, defamation of character.		
Unit:4	Safety and Risk Management	
Hospital infection, disaster management, fire hazards, radiation hazards, security organization and management, security and law.		
Unit:5	First Aid	
Basic Principles of First Aid Wounds - Types of Wound, Wound Care and Bandages Bleeding – Types and First Aid Measures, Bleeding from special parts Fracture - Types and First Aid Measures First Aid for abdominal Injury, Drowning, Poisoning, Burns Basic Life Support Lifting and Transporting the Unconscious Victim		
Unit:6	Preparation Of The Patient Prior And After The Surgery	
Preoperative Skin preparation Sending and Receiving the patient from Operation Room, assisting the nurses in the operation theater, Maintaining the theater hygiene. Clinical psychology in illness and counseling – Assessment of self-care ability.		
Reference Books		
1	Alice. A, Jebamani. A and Accamma. C, (2004), Clinical Nursing Procedure Manual (2 nd edition), Bangalore B.I. Publications .	

2	Caroline R.B. and Mary K.T. (2003). Textbook of Basic Nursing , (8 th edition), Philadelphia, Lippincott Publications.
3	Lois. W, (2002), Basic Nursing – Foundation of Skills and Concepts , (1 st edition), United Kingdom, Delma publication.
4	Madhuri Inamdar, (2003), Textbook for Fundamentals of Nursing , (1 st edition), Bombay, Vora Medical Publications.
5	Sr. Nancy, (2000), Principles and Practice of Nursing , (3 rd edition), Indore N.R. Brothers.
6	Nursing Education Society (1994), First Aid and Emergency Care , (4 th edition), Indore, N.R. Brothers.

GENERAL COMPONENTS FOR PRACTICALS

Clinical Postings in	
1	Outpatient Departments, wards
Procedure to be Completed	
1	Admission and discharge Procedure
2	Bed making
3	Position
4	Sponge bath, Back Care, Back Massage
5	Mouth Care, Hair Care and Pediculosis Treatments
6	Providing Bed Pan, Urinal
7	Perineal Care and Catheter Care
8	Administering Enema, Suppositories
9	Sitz bath and Passing Flatus Tube
10	Collecting and Handling of Specimens
11	Checking the temperature, Pulse and Respiratory
12	Cold Compress, Tepid Sponging, Cold sponging
13	Ice cap, Hot water bags
14	Preoperative Skin preparation
15	Transporting the patient from Bed to Wheel chair and vice-versa
16	Death Care
17	Maintenance of Record and Reports
18	Maintenance of Cleanliness of the patient and Environmental Hygiene
19	Hand Washing Technique
20	Disaster drill.

