

BARODA INSTITUTE OF MEDICAL SCIENCE

A Unit of Atmiya Education and Charitable Trust

Affiliated to GCVT, Govt. of Gujarat.

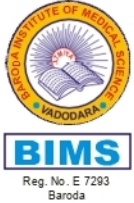
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Shiyapura, Rajmahal Road, Vadodara-390001. (O) : 0265-2426771
E-mail : bims_baroda@yahoo.com | Web : www.barodainstitute.com

SYLLABUS

OF

DIPLOMA IN MEDICAL

(HOSPITAL) ASSISTANT



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COURSE ELIGIBILITY:	10 th , 12 th Sci. & Com/Arts, any Graduation
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Duration:	1 YEAR
Theory / Practical :	9 months theory and practical training
Job Placement:	3 Months



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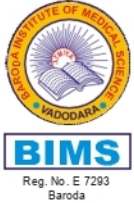
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Syllabus Committee Member:-

Sr. No	Name	Designation	Technical Qualification	Experience In Years
1.	Mr. Anil B. Patel	Director	M.Sc., Cytotechnologist, Trained at Tata memorial Hospital, Bombay	28 years
2.	Mrs. Urmi Patel	Principal	DMLT, Medical Technologist	15 years
3.	Dr. Dhaval Shah	Faculty	BMHS	11 years
4.	Dr. Vinod Patel	Faculty	M.B. B. S.	50 years
5.	Dr. Pradeep Naik	Faculty	M. D. Physician	30 years
6.	Miss. Kinjal Patel	Faculty	B.Sc., PGDCM	08 years
7.	Mrs. Roma Patel	Faculty	M.Sc. Micro	10 years
8.	Miss. Happy Gandhi	Assistant Faculty	B.Sc. Botony, DMLT	01 year
9.	Mr. Ilesh Pandeya	Admin	Ex. Director Aeromodeling school	35 years
10.	Dr. Vinod Patel	Admin	Ex. Principal, Arts & Commerce College, Karjan	35 years
11.	Mr. Parthil Ray	Admin	B.B.A.	05 years



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1) INTRODUCTION TO NURSING

WHAT IS MEANING OF NURSING

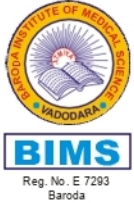
- DEFINATION
- INTRODUCTION
- PROFESSIONAL NURSING
- THE QUALITY OF NURSING
- FUNCTION OF NURSING
- ETHICS OF NURSING
- PROFESSIONAL ETIQUETTE
- HEALTH TEAM
- INTER PERSONAL RELATIONSHIP
- LEGAL ASPECTS

HOSPITAL

- DEFINATION
- CLASSIFICATION OF HOSPITAL
- HOSPITAL ORGANIZATION
- FUNCTION OF HOSPITAL
- HOSPITAL PHYSICAL SET UP

CARE OF EQUIPMENT

- PURPOSE OF CLEANLINESS
- PRINCIPLES OF CLEANLINESS
- CARE OF ENAMEL WARE
- CARE OF SYRINGES AND NEEDLES
- CARE OF INSTRUMENTS
- CARE OF SHARP INSTRUMENTS



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- CARE OF RUBBER GOODS
- CARE OF LINEN
- CARE OF BLANKETS
- REMOVAL OF STAINS
- CLEANLINESS OF WARD

MEDICAL AND SURGICAL ASEPSIS

- DEFINITION OF DIFF INFECTIONS
- MEDICAL ASEPSIS
- METHOD OF BARRIER NURSING
- SURGICAL ASEPTIC PRACTICES
- METHOD OF STERILIZATION

ADMISSION AND DISCHARGE OF A PATIENT

- METHOD OF ADMISSION
- EMERGENCY OF ADMISSION (PROCEDURE)
- ROUTINE ADMISSION (PROCEDURE)
- DISCHARGE OF PATIENT (PROCEDURE)

2) CLINICAL METHODS

VITAL SIGN (METHOD, PRINCIPLE, MEASUREMENT, AND CLINICAL SIGNIFICANCE)

TEMPERATURE

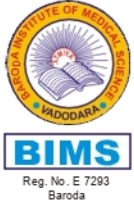
PULSE

BLOOD PRESSURE

RESPIRATION

LABORATORY EXAMINATIONS AND COLLECTION OF SPECIMENS

- PURPOSE OF LABORATORY DIAGNOSIS



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- SAMPLE COLLECTION AND OBSERVATION
(BLOOD, URINE, STOOL, SPUTUM, VAGINAL SMEAR, CERVICAL SMEAR ETC)
- X-RAY ROUTINE EXAMINATION
- BARIUM MEAL

3) PATIENT CARE

WHAT IS NUTRIENT

- TERMINOLOGY
- DIET IN SICKNESS
- TYPES OF DIETS
- NURSES RESPONSIBILITY
- FEEDING THE HELPLESS PATIENT
- ARTIFICIAL FEEDING
- NASAL FEEDING
- SCIENTIFIC PRINCIPLE

BED MAKING

- PURPOSES AND BASIC PRINCIPLES
- TYPES OF BEDS (SIMPLE BED – CLOSED BED)
- CARDIAC BED
- BLANKET BED
- ADMISSION BED
- OPERATION BED
- FRACTURE BED
- AMPUTATION BED

COMFORT MEASURES AND POSITION



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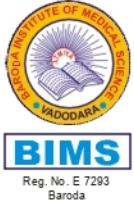
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- PILLOWS
- BED BLOCKS
- BACK REST
- FOOT REST
- BED CRADLES
- SAND BAGS
- RUBBER AND COTTON RINGS
- AIR CUSHION
- AIR & WATER MATTRESSES
- HOT WATER BAG
- DORSAL POSITION
- DORSAL RECUMBENT POSITION
- PRONE POSITION
- LITHOTOMY POSITION
- LATERAL'S POSITION
- SIM'S POSITION
- KNEE – CHEST POSITION
- TRENDLENBURG POSITION
- FOWLER'S POSITION

DAILY LIVING CARE

- CARE OF THE MOUTH
- CARE OF HAIR (HAIR WASH AND HAIR COMBING)
- BED BATH
- NAIL CUTTING
- BED SORE
- BACK CARE



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4) EXAMINATION TECHNIQUES

URINE TEST

- TERMINOLOGY
- SCIENTIFIC PRINCIPLES
- EXAMINATION OF THE URINE
- RETENTION OF URINE
- URINALYSIS
- INCONTINENCE OF URINE
- TEST FOR SUGAR
- CATHETERIZATION
- TEST FOR ALBUMIN; HOT AND COLD
- SCIENTIFIC PRINCIPLES OF CATHETERIZATION

HOT & COLD APPLICATIONS

- HOT APPLICATION, TYPES
- PRIMARY EFFECTS
- SIT'S BATH
- SECONDARY EFFECTS
- COUNTER – IRRITANTS
- USES
- TURPENTINE STUPE
- CONTRA – INDICATIONS
- STIFIC PRINCIPLES
- COLD APPLICATIONS, TYPES



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ORAL MEDICATION

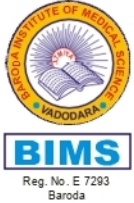
- ROUTES OF GIVING MEDICATIONES
- ADVANTAGES & DISAD.
- CLASSIFICATION OF DRUGS BY ACTION
- PRECAUTIONS TO BE TAKEN
- ABBREVIATIONS 7 SYMBOLS USED
- SAFETY MEASURES
- MEDICATION EFFECTS
- ORAL MEDICATION
- CARE OF MEDICINE AND MEDICINE CUPBOARD
- SCIENTIFIC PRINCIPLES

INHALATION

- DEFINITION
- PROCEDURE
- TYPES OF INHALATION
- STEAM/TR. BENZOIN INHALATION
- OXYGEN INHALATION
- PROCEDURE
- INDICATIONS OF O₂ INHALATION
- SCIENTIFIC PRINCIPLES OF O₂ AND STEAM INHALETION
- METHODS OF O₂ INHALATION

INJECTION

- TYPES OF INJECTIONS
- GENERAL INSTRUCTIONS



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- SYRINGES
- TECHNIQUE OF INJECTIONS –
 - INTRA MUSCULAR
 - INTRA DERMAL
 - INTRA VENOUS
 - HYPODERMIC
 - NEEDLES
- COMPLICATIONS
- PURPOSE OF INJECTIONS
- SCIENTIFIC PRINCIPLES OF INJECTION

CARE OF THE DYING & DEAD

- SIGNS OF APPROACHING DEATH
- SYMPTOMATIC TREATMENT
- SIGNS OF CLINICAL DEATH
- CARE OF THE DEATH BODY
- NURSING CARE

FIRST AID

- SHOCK
- FOREIGN BODIES
- UNCONSCIOUSNESS
- HAEMORRHAGE
- FAINTING
- SPECIFIC HAEMORRHAGES
- EPILEPTIC FITS
- TOURNIQUET
- CONVULSIONS IN CHILDREN



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- STINGS & BITES
- WOUNDS
- POISONS
- BURNS & SCALDS
- FOOD POISONING
- SUN STROKE
- FOREIGN BODIES
- INJURIES TO BONES; MUSCLES & JOINTS
- ASPHYXIA
- INTER PERSONAL RELATIONSHIP
- LEGAL ASPECTS

5) ANATOMY AND PHYSIOLOGY

6) INVESTIGATION

7) VARIOUS ABBREVIATIONS IN MEDICAL FIELD