

BSS SYLLABUS

[AHE040] - BSS DIPLOMA IN PHYSICIAN ASSISTANT - [TWO YEARS]				
1	PAPER 1	AHE040-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS	I YEAR
2	PAPER 2	AHE040-02	FUNDAMENTALS OF NURSING, PHARMACOLOGY AND MICROBIOLOGY	I YEAR
3	PAPER 3	AHE040-03	ANATOMY AND PHYSIOLOGY SOCIOLOGY, PSYCHOLOGY AND FIRSTAID	I YEAR
4	PAPER 4	AHE040-04	NUTRITION, FAMILY PLANNING, COMMUNICABLE DISEASES	I YEAR
5	PAPER 5	AHE040-05	PRACTICAL - I	I YEAR
6	PAPER 6	AHE040-06	PRACTICAL - II	I YEAR
7	PAPER 7	AHE040-07	PRACTICAL - III	I YEAR
8	PAPER 8	AHE040-08	PRACTICAL - IV	I YEAR
9	PAPER 9	AHE040-09	NURSING, SOCIAL AND PREVENTIVE MEDICINE	II YEAR
10	PAPER 10	AHE040-10	SURGICAL NURSING	II YEAR
11	PAPER 11	AHE040-11	MIDWIFERY	II YEAR
12	PAPER 12	AHE040-12	PRACTICAL - V	II YEAR
13	PAPER 13	AHE040-13	PRACTICAL - VI	II YEAR
14	PAPER 14	AHE040-14	PRACTICAL - VII	II YEAR

[AHE040] - BSS DIPLOMA IN PHYSICIAN ASSISTANT - [TWO YEARS]

[AHE040-01] - COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

COMMUNICATIVE ENGLISH

UNIT - I

Communication – communication Process - verbal communication – Non – Verbal Communication – Pros & Cons of Communication – communicative English Exercises.

UNIT - II

Phonetics – Organs of Speech – Vowels – Spelling Areas – Diphthongs – Consonants – Stress – Word Accent – The Parts of Speech in English.

UNIT - III

Communicative grammar – Classification of Nouns and Their functions – Verbs – Symbols – Pronouns – Auxiliary Verbs – Articles – Use of the indefinite article – Use of the definite article – Tenses – Prepositions – Phrasal verbs and adverb particles – Verbs Patterns and structures.

UNIT - IV

Patterns of Sentences – Direct and indirect speech – Degrees of Comparison – Simple, Complex and compound sentences – Basics of Inter – personal skills – Basics of Body language.

COMPUTER FUNDAMENTALS (MS-OFFICE)

UNIT - V

Windows Introduction – Operating System - Desk Top Icons – My Computer, Recycle Bin, Internet Explorer, Network Neighborhood, My documents. Working with Windows – How to create a Folder, Copying and cutting files, Renaming - Start Icon – Programs, Favorites, Documents, Settings, Find, Run, Shutdown - Application Icons.

UNIT - VI

An Introduction to Word – The word workspace, Starting and quitting Word, Creating and Manipulating various documents, Editing of proofing files, merging documents and macros. -How to use Mouse and Menu – Working with dialog box - Primary Commands in File Menu – The Open commands, The File name commands - The New Commands, The Save, Save As, and Save all commands, The Close command, The page setup, The Print commands, The exit commands.

Edit Menu Commands – The Cut, Copy, and Paste commands, The Undo and Repeat Commands, Find and Replace commands- Format Commands – The view menu, the Insert menu, the tool menu, the table menu, the window menu.

UNIT - VII

Building a Simple Worksheet- Entering Text, Entering Values, Entering Dates and Times, Moving Around, Scolding Selecting Ranges, Using Menu, Using Tool Bar, Using Shortcut Menus, Changing Entries, Copying Entries, Moving Entries, Inserting Deleting Cells - Formatting Basics – Changing Character Style, Changing Alignment, Changing Column width, Changing Row Height, Sheet Rename, Conditional Formatting, Auto Formatting.

Working with Multiple Worksheet – copying entries between workbooks, Moving sheets work books, Deleting sheets, Quitting Excel- Opening Existing Workbooks – Simple calculations, Doing arithmetic, Totaling Column of values, Naming cells and Ranges. Formatting Text – Displaying dollars and cents, Formatting decimal places, Formatting dates, Copying style and formats, Formulas that Make Decisions – Using IF function, using the nested IF function, Copying formulas.

Checking spelling, Printing Worksheets, Preview Worksheets, Goal seek, scenarios, Macro, Protection- Sorting data, Keeping leading view, Finding records, Adding and deleting records, Filtering records. Plotting charts, Sizing and moving charts, Updating charts, Changing the charts Type, Using auto format. Creating Macros, Recording Macros, Running Macros

UNIT - VII

Basics of Ms Office Tools, Ms Office Access, Ms Office Groove, Ms office one note, Ms Office outlook, Ms Office power point.

[AHE040-02] - FUNDAMENTALS OF NURSING, PHARMACOLOGY AND MICROBIOLOGY**UNIT-1**

Nursing: Introduction-Hygiene requirements for the operation-Methods of reporting hospital infection-Principles for collecting & testing biological materials-Admission & treatment

UNIT-2

Handling linen-Hygiene requirement for cleaning-Decontamination & disinfection-Methods of disinfection-Sterilization-Technical checks on sterilization-Hand hygiene-Patient admission, Transfer & discharge

UNIT-3

Pharmacology: Drug administration-Names of drugs-The breviary is prepared in two forms-Drug label requirement-Principles of drug storage

UNIT-4

Drug effects-Drug forms-Method of administering drug-Principles of administering per OS-Patient preparation-Patient care after the procedure

UNIT-5

Introduction of microbiology- Microbial nutrition-Microbial Growth- Control of microorganisms by physical and chemical- Agent- Recombinant DNA technology- Microbial genomics- The viruses

[AHE040-03] - ANATOMY AND PHYSIOLOGY SOCIOLOGY, PSYCHOLOGY AND FIRST AID**UNIT-1**

Introduction-First aid emergencies-Legal, Workplace & community factors-Duty of care-Consent-Privacy & confidentiality-Your first aid skills & limits

Stress management & debriefing-Risk management-The Principles of first aid-

UNIT-2

Basic anatomy & physiology-Assess the scene & casualty-Body system (table)

A world of opportunities-Sociological Specialties-Linking to other Major & minors-The value of internship & service learning-Staff administrator in a public assistance agency-Sociologist in health centre

UNIT-3

Triage-Reassure the casualty-Make the casualty comfortable-Maintain hygiene-Use Manual handling technique-Emergency moves-Planned moves-Provide first aid management

UNIT-4

Correctly operate first aid equipment-Drs ABCD action plan-D- danger-R-response-S-send for help-A-airway-B-breathing-C-CPR-Rescue breath-D-defibrillation

UNIT-5

Shock-Chest pain-Sudden cardiac arrest-Heart attack-Angina-Congestive heart failure-Drowning

[AHE040-04] - NUTRITION, FAMILY PLANNING, COMMUNICABLE DISEASES**UNIT-1**

Introduction-Public health nursing values-Public health nursing roles-Programs & services

UNIT-2

Organizational structure-Lines of communication-PHN job description & performance appraisal-Work schedule-RNABC-Standards of conduct-BCNU-Getting to know your office-Services in your community-Health & safety

UNIT-3

Documentation & legal issues-PHIS-Documentation-Telephone advice-FOIPPA-Informed consent-Nursing & the law-Child protection issues

UNIT-4

Community development-Your role in community-Important terms-Working with communities-Challenges in community development

UNIT-5

Communicable disease program of Bc-Infection control-Contact tracing-Reportable communicable diseases-Common non-reportable-Guidelines for CD investigation-Sexually transmitted diseases-Tuberculosis-The practice of travel health.

[AHE040-05] - PRACTICAL - I

[AHE041-05]-PRACTICAL - I should be conducted based on PAPER 1

BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE040-06] - PRACTICAL - II

[AHE041-06]-PRACTICAL - II should be conducted based on PAPER 2

BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE040-07] - PRACTICAL - III

[AHE041-07]-PRACTICAL - III should be conducted based on PAPER 3

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[AHE040-08] - PRACTICAL - IV

[AHE041-08]-PRACTICAL - IV should be conducted based on PAPER 4

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[AHE040-09] - NURSING, SOCIAL AND PREVENTIVE MEDICINE**UNIT-1**

Introduction-Nursing: How do we define it?-Knowledge & caring-Knowledge management-Competency

UNIT-2

Scholarship in nursing-What does Scholarship mean?-Nursing theory-Nursing research-Professional literature-New Modalities of Scholarship

UNIT-3

Multiple nursing roles and leadership-Key nursing roles: Provider of care-Educator-Counsellor-Manager-Researcher-Collaborator-Change agent(intrepreneur)-Entrepreneur

UNIT-4

Population based: social marketing-Policy development & enforcement-Case finding: Surveillance-Disease & health event investigation-

UNIT-5

Outreach-Screening-Patient advocate-Conclusion

[AHE040-10] - SURGICAL NURSING**UNIT-1**

Health history & physical examination-Patient & caregiver teaching-Chronic illness & older adults- Complementary & alternative therapies-Stress & management

UNIT-2

Sleep & sleep disorders-Palliative care at end of life-Additive behaviours-Inflammation & wound healing-Genetics & genomics-Alter

immune response & transplantation-Infection-Cancer-Fluid, Electrolyte and Acid base Imbalances

UNIT-3

Nursing management: Preoperative care-Intraoperative care-Postoperative care-Nursing assessment: Visual auditory problems-Integumentary problems-Burns

UNIT-4

Problems related to regulatory & reproductive mechanism: Diabetes-Mellitus-Endocrine problems-Breast disorders-Sexually transmitted diseases-Female reproductive Problem-Male reproductive problem

UNIT-5

Problems related to movement & coordination: Nervous system-Acute intracranial problems-Chronic Neurologic problems-Peripheral nerve & spinal cord problems-Emergency terrorism & disaster nursing.

[AHE040-11] - MIDWIFERY

UNIT-1

Introduction-Standards of proficiency for midwife prescribers-Specialist areas practice-Standards for admission to Programmes to be Awarded 'qualification to prescribe'-Standards for the structure & nature of the preparation of nurse prescribers-Standard for assessment

UNIT-2

Licence as a prescribers-Accountability-Assessment-Consent-Communication-Record keeping-Clinical management plans-Prescribing & an Administration/supply

UNIT-3

Prescribing & dispensing-Prescribing for family & others-Computer-generated prescribing by midwives-Evidences based prescribing-Delegation-Continuing professional development

UNIT-4

Controlled drugs-Prescribing unlicensed medicines-Prescribing medicines for use outside the terms of license-Repeat prescribing-remote prescribing-Gifts & benefits

UNIT-5

Supply & administration-Writing a prescription-Writing private prescription-Complementary medicinal products-Dispensing-Safety of prescription pads

[AHE040-12] - PRACTICAL - V

[AHE041-12]-PRACTICAL - V should be conducted based on PAPER 9

BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE040-13] - PRACTICAL - VI

[AHE041-13]-PRACTICAL - VI should be conducted based on PAPER 10

BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE040-14] - PRACTICAL - VII

[AHE041-14]-PRACTICAL - VII should be conducted based on PAPER 11

BSS RECORD NOTE must be utilized by the student to complete this Practical.