CENTRAL BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY, ESTABLISHED IN 1952 BY PLANNING COMMISSION, GOVT. OF INDIA

CENTRAL BOARD OF EXAMINATIONS

BSS NATIONAL VOCATIONAL EDUCATION MISSION

AHS026-BSS DIPLOMA IN HEALTH CARE PROFESSIONAL TECHNICIAN

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS026-02 FUNDAMENTALS OF NURSING & MIDWIFERY

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Nurse play a _____ is the health care team in meeting.
2) Two of the most important causes of decubitus ulcer are _____ and _____
3) Invasion of micro-organ ism is a susceptible host _____
4) The resistance that an Individual acquired is known as _____
5) The circulation of bacteria in the blood is called _____
6) The temperature of water for sitz bath is to _____
7) _____ is adult normal body temperature
8) The Housekeeping department has the fraction of _____
9) The mechanical device used to prevent foot drop _____
10) Crackling or ulcerceteon of the lips and angles of the mouth _____
11) Analgesics used for _____
12) Blue discolouration of the skin and mucous membrane_____
13) _____ the microorganism must have a means of transmission to get from one location to another, called direct and indirect
14) Carrier molecules located in the _____ facilitate the transfer of ions and molecules against their concentration gradients.
15) _____linked receptors are involved in the regulation of growth and differentiation, and responses to metabolic signals

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Define Oliguria ?
2) Define Bradypnoea?
3) Define Anuria ?
4) Symptoms of retention ?
5) Specimen?
6) Pulse?
7) Incontinuence of urine?
8) Nurses Role in Relieving retention of urine?
9) Oral administration - advantages and disadvantages?
10) Types of Acute pain?
11) Care of Equipment in General?
12) Tympanic Temperature?
13) Receptors?
14) Antagonists?
15) Bacterial Cell Structures?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Function of the hospitals?
2) Explain the name the common sites for taking pulse ?
3) Write about the any five comfort devices?
4) Basic needs of a patient?
5) Blood pressure?
6) Autoclave?
7) Pulse?
8) Complications of neglected mouth care?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Write about the enema?
2) Detail about the bed bath ?
3) Describe oral administration of medicine and explain the advantages, disadvantages and contraindications?
4) Define Health Education. Explain about the Aims, Scope concept and the role of the Nurse Assistant in Health Education?
5) Describe about Basic needs of patients?

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AHS026-BSS DIPLOMA IN HEALTH CARE PROFESSIONAL TECHNICIAN

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS026-03 MEDICAL LABORATORY PROCEDURE

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) _____ a substance that inhibits the growth and development of microorganisms without necessarily killing them.
2) Disinfectant is A chemical or mixture of chemicals used to _____, but not necessarily spores.
3) _____ liquids are those liquids that cannot dissolve or mix together.
4) Specificity is the ability of a method to identify all samples which _____ the substance being detected (identify non - infected individuals correctly).
5) CSF: _____
6) Mv: _____
7) PTB: _____
8) A positive result in a urine dipstick test for protein may indicate the presence of _____ in the urine.
9) A coagulation test like PT (prothrombin time) measures the time it takes for blood to _____.
10) The abbreviation "BNP" stands for _____.
11) A test to determine blood type and compatibility for transfusion is known as blood typing and _____.
12) A test that evaluates pancreatic function by measuring amylase levels in the blood is called an amylase _____.
13) The presence of rheumatoid factor (RF) in the blood can indicate _____ arthritis.
14) A _____ test is used to assess the clotting function of blood.
15) _____ is a diagnostic test that evaluates the electrical activity of the heart

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) State the basic components centrifuge?
2) Mention advanced instrument and / or machines used in medical laboratory?
3) Define sterilization?
4) Structure of medical laboratory service?
5) Centrifuges?
6) Automated analyzers?
7) Basic laboratory level I?
8) Medical Laboratory request form?
9) Buffer solutions?
10) Petridishes?
11) Use and care of balances?
12) Electrical Centrifuges?
13) Compound (simple) microscope?
14) Repair of the microscope?
15) Polymerase chain reaction (PCR) machine?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Describe the role of medical laboratory services?
2) Explain the use of desiccator and PH meter?
3) Describe the different parts of simple microscope?
4) Carry out first aid for laboratory accidents?
5) Explain quality assurance program?
6) General precautions for the avoidance of laboratory accidents?
7) Laboratory policies?
8) Containment laboratory (Level III)?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Describe the types and uses of medical laboratory funnels?
2) Explain why materials are sterilized in medical laboratory?
3) Discuss the various methods through which sterilization can be achieved?
4) Describe the most recommended method(s) of sterilization techniques?
5) Explain the importance of planning for safety and general precautions to avoid medical laboratory accidents?

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TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS026-04 HUMAN ANATOMY & PHYSIOLOGY

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Functions of cerebellum_____

2) What is defibrillator_____

3) Vital capacity of lungs_____

4) The outer protective covering of the brain is_____

5) Tears are the secretion of _____gland.

6) A _____with a penetrating chest injury will have had the outer layer of the pleura damaged.

7) _____complicated chemical reactions if a blood vessel is damaged forming a clot.

8) _____are derived from food by the digestive system

9) Angina (angina pectoris) is a condition that is usually caused by the build-up of _____ on the lining of a coronary artery.

10) _____ is where the left ventricular of the heart loses power and cannot empty itself.

11) CPR_____

12) _____disrupts the body's autonomic reflexes such as coughing.

13) Mitochondria functions in the synthesis of_____

14) The _____ arch extends posterior from the body of the vertebrae.

15) The _____ is the body's main organ of digestion and nutrient absorption.

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Draw a diagram of the urinary system?
2) Spleen?
3) Define vertebral column?
4) Gross anatomy?
5) Organ?
6) The ventral body cavity?
7) Passive movement?
8) Cytoplasm?
9) Wounds and bleeding??
10) Define Digestive System?
11) Define Hypertension?
12) Define Epidermis?
13) Define Peristalsis?
14) Define Glomerulus?
15) Define Dendrite?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Reflex Action?
2) Lymph?
3) Bones of the Lower Limb?
4) Draw the Diagram of the Human Cell and Name its Parts?
5) Relative Directional Terms?
6) Body Cavities?
7) Structure of a Cell?
8) Explain the functions of the major endocrine glands?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Anatomical Terminologies?
2) Describe levels of structural organization of the human body?
3) Explain structure and characteristics of human cell?
4) Structure of the Spinal Cord?
5) Describe the structure and function of the major types of joints?

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AHS026-BSS DIPLOMA IN HEALTH CARE PROFESSIONAL TECHNICIAN

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS026-09 NURSING,SOCIAL & PERVENTIVE MEDICINE

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) The blood of all human be classified into one of four groups _____, _____, _____, _____

2) Curative purpose to remove diseased part _____

3) Which inpure by contact means_____

4) Therapeutic use of local Hot applications _____

5) _____is the act of pouring a liquid medicine drop by drop into a cavity

6) The body fluid is divided into two major reservoirs _____ and _____

7) The problem related to nutrition of nutrients is called_____

8) Prevention is key to improving the _____ of patients.

9) AAMC_____

10) The _____ is used to describe accuracy and reliability

11) Literature searches and _____ are useful when informed choices must be made about appropriate screening.

12) _____ Refers to the person (or group) who may be at risk for or susceptible to an illness.

13) In the _____, care focuses on maximizing individual potential for self-care regardless of any injury or illness.

14) If hospitalization occurs it is usually in a _____ (district) hospital.

15) ANC_____

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Nasal Feeding?
2) Classification of wound?
3) Signs and stages of anesthesia?
4) Wound?
5) Iodine deficiency disorders?
6) Irrigation?
7) Local anaesthesia?
8) Write indications for blood transfusion?
9) Muscles?
10) Define Anaesthesia?
11) Concept of disease control?
12) Constituents of food?
13) Toxins in the food?
14) Uses of Biostatistics ?
15) Poliomyelitis?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Blood transfusion?
2) Nasal feeding & Nasal gauge and indirection, prelimary assessment of Patient?
3) Classification of general anesthesia?
4) Explain about local anesthesia?
5) Hot test of urine for Albumin?
6) Purpose of steam inhalation?
7) Preparation of the articles for suturing the wound?
8) Chicken pox, Rubella, and Measles?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) The classification of general anesthesia and IV anesthesia, spinal anesthesia explains it-explain ?
2) Using irrigation IM by using a syringe requisite, procedures-explain ?
3) Describe all positions and draw neat diagram?
4) Describe the health information systems?
5) Explain Health – Definition, spectrum of health and factors affecting – indicators of health?

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TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS026-10 SURGICAL NURSING

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Causative agent in pharyngitis _____

2) Diabetes mellitus is _____disorder.

3) Medicine has at its core a _____.

4) The word profession is derived from profess which means '_____

5) _____ is a bright red-colored molecule that contributes to the bright red color of oxygenated blood.

6) CO2 is carried by haemoglobin as _____ (about 20-25 per cent)

7) O2 can bind with haemoglobin in a reversible manner to form _____

8) _____ are an important part of medical care.

9) _____ is the main danger of gastrointestinal infections, so rehydration is important, but most gastrointestinal infections are self-limited and resolve within a few days.

10) _____ and to a lesser extent, precancerous lesions, shed abnormal cells into the stool.

11) _____ are becoming the mainstay of pancreatitis diagnosis.

12) _____ can have severe consequences; for instance, during the first year after a hip fracture, mortality rates are 24–30 percent due to the risk of complications.

13) The _____works by acting on certain nerve pathways to prevent the nerves in the area of application from sending signals to the brain.

14) _____is an unpleasant sensation and emotional experience linked to tissue damage.

15) The brain may also release feel-good chemicals such as _____ to counter the unpleasant effects of the pain

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Mention the surgical management of breast cancer?
2) Define Glaucoma?
3) Bronchoscope examination?
4) List down the types of Pneumonia?
5) Write about Tuberculin skin test?
6) Classification of pleural effusion?
7) Sinusitis?
8) Write about surgical approaches to deviated nasal septum?
9) Care of patient with ventilator?
10) Liver biopsy?
11) Write about Portal Hypertension?
12) Abdominal paracentesis?
13) Cholelithiasis?
14) Cardiac catheterization?
15) Medical management of congestive cardiac failure?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Risk factors of fluid & electrolyte imbalances?
2) Classify pain?
3) Explain about chronic bronchitis?
4) Explain the management of TB including nursing care plans?
5) Medical management of Gastro intestinal bleeding?
6) Percutaneous transluminal coronary and angioplasty?
7) Explain the types of cardiomyopathy?
8) Explain the types of arrhythmias?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Explain about cell injury?
2) Define hiatus hernia and Nursing management of client with hiatus hernia?
3) Describe the nursing management of a patient after colostomy?
4) Describe the medical management and nurse’s management of client with Hypertension?
5) Explain the pathophysiology of Prostatis?

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TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS026-11 MIDWIFERY

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) The wright of the sitting body into the _____
2) The pelvic floor muscle is formed by the _____
3) The kidneys are two bean shaped gland which have both _____ and _____
4) Position of the uterus_____
5) Normal wgt gain of the Indian woman during pregnancy _____
6) Yellow or green colour stool indicate _____
7) The fertilized ovum usually embeds itself into the _____ in the upper part of the uterus
8) Third stage is routine to give _____of_____ intra muscularly immediately after child Birth.
9) Vaginal PH _____
10) Position of the uterus _____
11) Length of avarage code is _____
12) Third stage usually lasts between _____
13) Umbilical cord is otherwise called _____
14) The foetal membranes are _____ and _____
15) The normal amount of liquor amnii is _____

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Define Midwife?
2) Define Moulding?
3) Define Amenorrhea?
4) True pelvis?
5) Fertilisation?
6) Menopause?
7) Fetus?
8) Antenatal and postnatal?
9) Explain GPAL?
10) Define subinvolution & lochia?
11) CPD?
12) Definition of Spina Bifida?
13) Complications of puerperium?
14) Causes of abortion?
15) High risk cases?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Minor disorders during pregnancy?
2) Physiological changes during pregnancy?
3) Breech presentation?
4) List out the malpresentation & Malposition?
5) The four types of pelvis explain it and pelvic floor functions?
6) What are placenta and development & types of placenta explain it?
7) Injury of the pelvic floor?
8) Care of the new born baby?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Explain abdominal pregnancy Management Tubal Pregnancy & it MGT.?
2) What is BDD and explain about physical examinations of the antenatal patient and health education?
3) Explain about the breast-feeding, advantage and disadvantage and artificial feeding?
4) Explain fetal circulation and its diagram?
5) Describe the physiological changes during pregnancy?