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

AHS027-BSS DIPLOMA IN HEALTH CARE ASSISTANT

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS027-02 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) _____ is examination with the help of stethoscope

2) The position used for rectal examination _____

3) _____ was born on Florence Mightingle.

4) Formula is convert Celsius to Fahrenheit scale is c _____

5) What is mean by OD?

6) Flowrence Nightingale is knowns as _____

7) One of the commonest drugs which is given subcutaneously is _____

8) _____is the normal pulse rate in adult

9) A system of family centered care is the dying clients _____

10) The Housekeeping department has the fraction of _____

11) Painful maturation in called _____

12) The most common sites for intramuscular injections are _____, _____

13) The temperature of water for sit bath is to _____

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 Sterilization ?
2) Define Anuria ?
3) Symptoms of retention ?
4) Anti biotic define ?
5) Incontinuence of urine?
6) Oral administration - advantages and disadvantages?
7) Principles of Aseptic Technique Only sterile items are used within sterile field?
8) Donning and Removing Gloves?
9) Care of Equipment in General?
10) G-protein–linked receptors?
11) Antiemetics?
12) Pharmacopoeia?
13) Physico-chemical properties of drug?
14) Microorganisms?
15) Bacterial Cell Structures?

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

1) Function of the hospitals?
2) Explain about fractures, type, diagnosed ?
3) Explain the possible causes of incontinence of Urine?
4) Basic needs of a patient?
5) The general rules regarding the collection of meterial for microbiological testing?
6) Pulse?
7) Sources of drugs?
8) Types of disinfections?

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

1) Detail about the hospital, classification, function of hospital?
2) Describe about Basic needs of patients?
3) Sources of drugs?
4) The medicinal value of plants?
5) Drug Passage across Membranes?

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AHS027-BSS DIPLOMA IN HEALTH CARE ASSISTANT

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS027-03 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) _____ is the measure of the nearness of a result to the absolute or true value.

2) Aerosols airborne _____.

3) Pathogens are _____ that can cause diseases.

4) _____ is a material, which is used to pour liquid to the narrow containers.

5) DNA: _____

6) PTB: _____

7) RCF: _____

8) A basic metabolic panel (BMP) typically includes tests for electrolytes, glucose, and _____.

9) A _____ panel assesses cholesterol levels and other lipids in the blood.

10) The abbreviation "CRP" stands for _____

11) A test that assesses thyroid hormone levels in the blood is called a thyroid function _____.

12) A coagulation test like PT (prothrombin time) measures the time it takes for blood to _____.

13) The abbreviation "ESR" stands for _____.

14) A test to determine blood type and compatibility for transfusion is known as blood typing and _____.

15) A test that evaluates pancreatic function by measuring amylase levels in the blood is called an amylase _____.

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

1) Mention advanced instrument and / or machines used in medical laboratory?
2) Refrigerators?
3) Ovens?
4) Instrument for purifying water?
5) Basic laboratory level I?
6) Maximum containment laboratory?
7) Keeping of laboratory records?
8) Laboratory hour and emergency work?
9) Workload capacity of a laboratory?
10) Laboratory cuvettes (absorption cells)?
11) Use and care of balances?
12) Absorptiometer?
13) Spectrophotometer?
14) Compound (simple) microscope?
15) Polymerase chain reaction (PCR) machine?

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

1) State laboratory rules, ethics and professional code of conduct?
2) Describe the use of laboratory wares?
3) Explain the advantages of laboratory refrigerators?
4) Explain the use of desiccator and PH meter?
5) Explain the possible factors contributing to medical laboratory accidents?
6) Explain quality assurance program?
7) Explain the importance of first aid for laboratory accident?
8) Planning for safety?

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

1) Explain the composition and uses of medical laboratory wares?
2) Describe the types and uses of medical laboratory funnels?
3) Discuss about the cleaning of different medical laboratory wares?
4) Discuss the various methods through which sterilization can be achieved?
5) Describe the most recommended method(s) of sterilization techniques?

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TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHS027-04 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) What is defibrillator_____

2) _____is the pacemaker of the heart.

3) The three main areas of concern with _____ are concussion, compression and a fractured skull.

4) _____ is a very common occurrence, and is probably one of the most useful skills you can have as a first aider.

5) Hyperventilation means `_____

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

7) Red cells contain _____, which carries oxygen that is used by the body's cells.

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

9) The _____ is designed to help the first aider keep an accurate record of the exact treatment provided

10) _____ is Hormone secreted by the body in times of shock

11) AVPU _____

12) Red blood cells are produced in the _____

13) The _____ is a muscular organ that pumps blood throughout the body.

14) The _____ is the largest organ of the human body and serves as a protective barrier.

15) The _____ system is comprised of the brain, spinal cord, and nerves, and is responsible for transmitting signals throughout the body.

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

1) Differences between artery and vein?
2) Draw a diagram of the urinary system?
3) Define vertebral column?
4) Gross anatomy?
5) Atoms molecules and compounds?
6) Cell?
7) The ventral body cavity?
8) Active movements across membranes?
9) The blood?
10) Define Skeletal Muscle?
11) Define Peristalsis?
12) Define Enzyme?
13) Define Hormone?
14) Define Erythrocyte?
15) Define Cerebellum?

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

1) Pancreas?
2) Basic anatomy and physiology ?
3) Explain Homeostasis?
4) Body Parts Regions?
5) Body Cavities?
6) The mechanism of action of hormones in regulating metabolic processes ?
7) Describe the functions of different types of neurons ?
8) Explain the functions of the major endocrine glands?

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

1) Cardiopulmonary resuscitation (CPR)?
2) Functions of Autonomic nervous system?
3) Explain urinary system with the help of a diagram &mark the parts?
4) Discuss directional terms, anatomical position, planes and sections used in Anatomy?
5) Describe the structure and function of the nephron in the kidney?

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AHS027-BSS DIPLOMA IN HEALTH CARE ASSISTANT

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS027-09 NURSING,SOCIAL & PREVENTIVE 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) Eliminates the conditions for the growth of bacteria such as _____

2) SOS _____

3) _____ is a thin tube with a weighted end, introduced via the nose into the stomach.

4) _____ Feeding is the introduction of liquid food through a tube or catheter.

5) Lumbar puncture is used to tap _____

6) LAVA Means _____

7) In adult the site of lumbarpuncture is between _____ and _____vertebrae

8) AAMC_____

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

10) Care provided in _____ is usually directed at resolving immediate health problems.

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

12) _____ refers to the prevention of an illness before it has a chance to occur.

13) _____ includes the early detection of actual or potential health hazards.

14) _____ is the public expectation that it will have a voice in determining the type, quality and cost of health care.

15) BHS_____

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

1) Oral Feeding?
2) Surgical dressing?
3) Anesthesia?
4) Irrigation?
5) Gastric lavage?
6) Catheterization?
7) Purpose of stomach wash?
8) Write indications for blood transfusion?
9) Muscles?
10) Define Anaesthesia?
11) Dynamics of diseases transmission?
12) Immunity?
13) Food and food groups?
14) Toxins in the food?
15) Poliomyelitis?

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

1) Blood groups?
2) Explain promotive, preventive & curative aspect of child health?
3) Gavage?
4) Venipuncture site?
5) Post operative care?
6) Uses of epidemiology?
7) Sociology and Social factors effecting health?
8) Fertility and factors affecting it?

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

1) Describe the blood transfusion procedure and general instruction?
2) Briefly explain about artificial feeding?
3) Describe all positions and draw neat diagram?
4) Describe the health information systems?
5) Explain the importance of vaccination in preventive medicine?

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AHS027-BSS DIPLOMA IN HEALTH CARE ASSISTANT

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS027-10 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) _____is the second most common cause of death

2) Hydrometer means _____

3) _____ causes are supported by only weak evidence, distorted by numerous confounding factors.

4) Sociocultural aspects of sexuality include _____ and _____

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

6) A small amount of oxygen does dissolve in the blood and is transported in the bloodstream, but it is only about _____of the total amount.

7) _____ is the way people experience and express themselves sexually

8) _____ their behaviors on those who they see around them through process of emulation and socialization.

9) Blood is the medium of transport for _____ and _____.

10) Campylobacter is one of the most common bacterial cause of _____worldwide and is frequent in children under two.

11) An _____ is used in medicine to look inside the body.

12) _____may be recommended in particularly severe cases of gastroenteritis, or if a specific bacteria has been identified as the cause.

13) _____ is the most frequent cause of diarrhea in young children and infants and it is responsible for the most severe cases.

14) _____ 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.

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) Mention the types of hepatitis?
3) Infertility?
4) Define Grave's disease?
5) Define pneumonia?
6) Types of shock?
7) Bronchoscope examination?
8) Classification of pleural effusion?
9) Tracheostomy care?
10) Pnemothorax?
11) Write about Hemorrhoids
12) Surgical management of peptic ulcer?
13) Prevention of Hepatitis?
14) Clinical manifestations of coronary artery diseases?
15) Types of congestive heart failure?

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

1) Explain Cushing syndrome?
2) Explain Types of Epilepsy?
3) Types of Immunity?
4) Risk factors of fluid & electrolyte imbalances?
5) Pathophysiology of cystic fibrosis of lungs?
6) Explain the pathophysiology of tuberculosis?
7) Gastro enteritis?
8) Explain the types of intestinal obstruction?

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

1) Describe the Types of inflammation?
2) Explain the Home Health Nursing Roles?
3) Explain intestinal obstruction b. Causes of intestinal obstruction?
4) Describe the nursing management of a patient after colostomy?
5) Write long notes on the post operative nursing management with three nursing diagnosis?

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TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHS027-11 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 pelvic floor muscle is formed by the _____

2) _____stage is that of expulsion of the fetus

3) Position of the uterus_____

4) White current in Red current juice vaginal bleeding seen in _____ mole

5) Folic acid requirement for antenatal mother is _____

6) Projectile vomiting seen in _____

7) During pregnancy endometrium called as _____

8) Third stage is routine to give _____of_____ intra muscularly immediately after child Birth.

9) _____number of chromosomes are present in human beings

10) The first breast milk is called _____

11) Third stage usually lasts between _____

12) Umbilical cord is otherwise called _____

13) 'X' chromosomes from the father and 'X' from the mother gives _____ baby

14) The normal amount of liquor amnii is _____

15) The foetal heart is _____

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

1) Aims of Abdominal Examination?
2) Define spurious labour?
3) List out the indications of PV?
4) Point out the signs of fetal distress?
5) Define fertilization?
6) Types of placenta praevia?
7) Labour?
8) Uterus and position relations and supports ?
9) Define platypelloid?
10) Labour?
11) Premature baby?
12) Episiotomy?
13) Tubal pregnancy?
14) Abnormalities of the placenta?
15) The foetal circulation before birth?

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

1) Antepartum hemorrhage?
2) Bishop score & Apgar, GPAC Score?
3) Breech presentation?
4) Methods of Induction of Labour?
5) List out the malpresentation & Malposition?
6) What is fetal circulation and explain it?
7) Describe about breast?
8) Pre-eclampsia?

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

1) Exchange Transfusion?
2) Explain about the breast-feeding, advantage and disadvantage and artificial feeding?
3) Explain fetal circulation and its diagram?
4) Breech Mechanism & Shoulder Presentation?
5) Describe the diameter of the pelvis with the help of neat diagram?