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

AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION NOVEMBER-2025

AHE006-01 COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

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) He came _____ me.

2) A cat is _____ the table.

3) 'WH' type word _____

4) Let the door _____ opened.

5) website is group of _____

6) The 2nd hard disk of P.C. is called _____

7) Paint has a _____ box

8) Basic working platform of the computer is the _____

9) In Dos To change the name _____ command.

10) The short cut for Italic is _____

11) Paint has a _____ box

12) _____ is the first manual calculating device.

13) CPU stands for _____

14) MS word is used for _____

15) Scanner is a _____ device

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

1) Define the adjectives words?
2) What is conjunction?
3) Define Auxiliary verb?
4) What are the types of Gender?
5) Verb
6) Desktop
7) Explain any five functions in MS Excel
8) Explain Cut, Copy and 'Paste'
9) Save use
10) Decimal
11) Auto text
12) Active form
13) Write the usage of Transformation?
14) What is Hardware?
15) Explain Cut, Copy, Paste

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

1) Explain few sentences using "across, at"?
2) Define kinds of participle?
3) Write any two kind of official letters
4) Explain analog and hybrid computer
5) Digital computer
6) Importance of information technology
7) Write details about Charles Babbage?
8) Explain table menu in MS Excel?

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

1) Write a letter to the station master requesting him to reserve two coaches for your school excursion party
2) Explain a computer and draw a block diagram
3) Write briefly about generations of computer?
4) Explain in detail about articles?
5) Write briefly about MS Excel?

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION NOVEMBER-2025

AHE006-02 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) Kidney are _____ shaped organs.

2) The vascomotor nerves control the state of the cutaneous arterioles by two actions _____ and _____

3) The pituitary gland consists of two lobes connected by a strip of thyroid tissue _____

4) The endocrine organs otherwise called _____

5) The patella is an example of _____ bone.

6) Endo-tracheal tube easily enters the _____ bronchus

7) The volume of inspired/expired air is measured using _____

8) Atrio-ventricular openings are guarded by _____ and _____ valves

9) _____ is the mucous membrane lining the eye lids

10) The outer covering of the spinal cord is _____

11) _____ is a flat bone

12) Bile is produced by the _____

13) Blood in the urine is _____

14) The largest vein in the body is _____

15) Vertebral column has _____ vertibras

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

1) Cataract
2) Fracture
3) Synovial joint
4) Functions of the brain
5) Muscles of the anterior abdominal wall
6) Spinal cord
7) Diaphragm
8) Tongue
9) Vital capacity
10) Basal Metabolic Rate
11) Urinary system
12) Blood pressure
13) Dyspnoea
14) Anaemia
15) Heredity

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

1) The diaphragm?
2) The functions of the stomach?
3) Pancreatic juice?
4) Lachrymal glands
5) The regions of the abdomen
6) Pelvic bone
7) Menstrual cycle
8) Thyroid Hormone

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

1) Describe the structure of the heart with help of neat diagram?
2) Digestion of food. Draw diagram of the alimentary tract
3) Function of the urinary tract. Draw a diagram urinary tract and mark parts
4) Congenital abdormalities of heart
5) Liver anatomy and functions

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION NOVEMBER-2025

AHE006-03 ANAESTHESIA DRUGS,EQUIPMENT & SPECIAL OPERATION THEATRE TRAY SET UP

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) CPR means _____

2) _____ is the oxygen cylinder colour

3) _____ is the example of local anesthasia.

4) _____ is used for oral surgery.

5) Site for spinal anesthasia is _____

6) _____ is connects to the face mask.

7) _____ is an example of topical anesthasia

8) Halothane is used for _____ anaesthesia

9) Larygoscope is autoclaved after removing its _____ and _____

10) _____ retractor is to protect the bladder in caesarean

11) Position in operations of perineum is _____

12) Mallet is used for _____ surgery

13) In orthopedics cast is prepared with _____

14) Sterile cloths covering the patient in OT is called _____

15) Atropin as preanesthetic is to dry _____

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

1) Ventilator?
2) General anesthesia indused by the I/ V administration?
3) Induced hypothermia?
4) Neuroleptanalgesia?
5) Types of anesthesia?
6) Tachycardia
7) Cardiac Monitor
8) Spinal Anaesthesia
9) Sterilisation
10) Thoracotomy
11) Implant
12) Fiber optics in laparoscopy
13) Larygoscope
14) Pneumo[eritonium
15) Face mask

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

1) Consent form?
2) CPR?
3) Emergency resuscitation?
4) Suction apparatus?
5) Recovery from general anaesthesia
6) Extubation articles
7) Laryngoscope
8) Sonography during surgery

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

1) Explain the complications of general Anesthesia?
2) Describe about the basic boyle's machine?
3) Fundamentals of Pre-anaesthetic period
4) Endo-tracheal intubations
5) Plastic surgery

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION NOVEMBER-2025

AHE006-04 SURGICAL PROCEDURES (DISINFECTION ON STERILIZATION) CARE OF PATIENT

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) Disinfection means _____

2) Circumcisions means _____

3) Asepsis means _____

4) Father of surgery is _____

5) I and D means _____

6) _____ scissors are used for removing the sutures.

7) Circumcision is for correcting _____

8) _____ retractor is used for Thyroid surgery

9) _____ is the operation on fallopian tubes

10) Snare is used for _____

11) _____ is the term for bleeding in medicine

12) Intramedullary nailing is done in _____ bones

13) Removal of gall bladder is _____

14) Uremia results in _____ failure

15) Droplet infection is prevented by wearing _____

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

1) Moynihan's tetra clip?
2) Sterilization?
3) Disinfection?
4) Lumber puncutre?
5) Legal issues on O.T?
6) Protection of the patient in surgery?
7) Excision
8) Infection
9) Quickening
10) Retractors - name 3 and give their use
11) Fumigation
12) Haemoperitoneum
13) Haemorrhae
14) Bowel wash
15) Perineal care

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

1) Ethical issues of OT?
2) Care of specimen?
3) Management of burns
4) Poly-hydramnios
5) Autoclaving
6) Suture materials
7) Mastectomy
8) Pre anestheticdrugs

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

1) Describe about gynaecological instruments with help of neat diagram?
2) Hydrocele and its surgical management
3) Various positions for surgeries
4) Management of head injury patients in ICU
5) Post operative surgical and anesthetic complications and management

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION NOVEMBER-2025

AHE006-05 OPERATION THEATRE TECHNIQUES

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) Breast removal surgery is called _____

2) Father of surgery is _____

3) Example of non boilable instruments _____

4) After use all _____ and _____ are seperated from the group.

5) Nonboilable instruments like telescope, light are immersed into the _____

6) _____ and _____ are the chemicals used for disinfectiong after the surgery of an infected case in OT

7) _____ must be checked before starting surgery

8) _____ retractor is used for thyroidectomy. It is a _____ retractor

9) Bleaching solution has disincting property because of the presence of _____ in it

10) _____ is used to disinfect sharp instruments

11) Culture swab is taken from _____

12) _____ position is used to do operations at the anus

13) C-Arm is an _____ unit for confirming bone position in orthopedic surgery

14) _____ artery graft is the preferred one for coronory bypass

15) Operation theatre _____ has several facilities like height adjustments, tilts, removable leg piece, kidney bridge etc.

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

1) Tidal volume
2) Analgesia
3) Tachycardia
4) First aid
5) Specimen
6) Cyanosis
7) Disinfection
8) Cauterization
9) Sterilization
10) Anesthesia
11) Haemorhhage
12) Hysterectomy
13) Amputation
14) Ventilation
15) Setting the sterile trolley

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

1) Lithotomy position?
2) Role of a scrubbing nurse while conducting a major abdominal operation?
3) Trolley set up for abscess incision?
4) Trolley set up for caesarean section?
5) Arranging post operation room
6) Setting of sterile trolley
7) Urine out put significance in renal function
8) Laparotomy tray set up

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

1) Describe the responsibilities of circulating nurse during a major operation?
2) Describe about pre- medication room?
3) Articles needed for a major/general surgery
4) Preparation of OT for thyroidectomy operation
5) Explain tray AET up and procedure for open reduction for fracture tibia