BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY, PROMOTED BY GOVERNMENT OF INDIA
CENTRAL BOARD OF EXAMINATIONS
BSS NATIONAL VOCATIONAL EDUCATION MISSION

AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION APRIL-2015

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) Pronouns are used instead of .....

2) Vowels are ..... in number

3) They are playing ..... the tree.

4) ..... You will pass.

5) The cat is ..... the wall.

6) website is group of .....

7) I read ..... Indian express

8) ..... are where the text is typed

9) Computer is an electronic.....

10) Print preview is visible in ..... menu

11) A sheet can be renamed using ..... facility in Ms Excel

12) In Windows ..... function key used to get help

13) The speed of computer is measured in----------

14) ----------is the first computer programmer

15) CPU stands for----------

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

1) Define what is noun?
2) What is conjunction?
3) What is meant by adverb?
4) Define abstract noun?
5) What are the types of Gender?
6) What is meant by masculine Gender?
7) What is meant by weak verbs?
8) Compound sentences
9) Font
10) Write short notes on 'macro'
11) Explain Cut, Copy and 'Paste'
12) Word screen
13) Subordinate clause
14) Explain Header and Footer
15) What is colour ?

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

1) Explain few sentences using "shall, will"?
2) Define usage of interjection
3) Define modal verbs?
4) Explain Arithmetic logic unit
5) Spin box
6) Title bar
7) Tool menu
8) Memory

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

1) Write a letter to a sports company ordering some sports goods?
2) Describe MS Windows
3) Explain about MS Excel application
4) Explain the keyboard
5) Write briefly about generations of computer?

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ONE YEAR EXAMINATION APRIL-2015

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) The vascomotor nerves control the state of the cutaneous arterioles by two actions ———— and ————.

2) The spleen is lying on the left side of the ————.

3) Lymphatic ducts are ———— and ————.

4) The patella is an example of———— bone.

5) The total number of bones in the skull is ————.

6) The volume of inspired/expired air is measured using.....

7) Atrio-ventricular openings are guarded by.....and.....valves

8) Presence of.....minimizes trauma to the brain and spinal cord

9) .....is the mucous membrane lining the eye lids

10) ....., ...and .....are the coverings of the brain

11) Infection of joint is termed as.....

12) The outer covering of the spinal cord is .....

13) Nerves coming out of the skull are .....

14) Bile is produced by the .....

15) The largest vein in the body is .....

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

1) Neuron ?
2) Antidotes ?
3) Cystitis ?
4) The basal metabolic rate ?
5) Inspiration ?
6) Pituitary gland ?
7) Spinal cord ?
8) The cardiac cycle ?
9) The tonsils ?
10) Structure of the pharynx ?
11) The palate ?
12) The main arteries of the upper limb ?
13) Fistula
14) Ascitis
15) Cataract

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

1) The Scapula ?
2) Lachrymal glands
3) The Fallopian tubes
4) Sutures and fontanels of the skull
5) Pelvic bone
6) Cerebellum
7) Knee joint
8) Menstrual cycle

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

1) Describe the structure of the stomach wall with diagram ?
2) Describe the urinary system with aid of diagram ?
3) Circulation of blood in human body. Draw the diagram of circulatory system
4) The cranial nerves. Draw diagram of an axon and mark its parts
5) Liver anatomy and functions

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION APRIL-2015

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) Anesthasia means ————————.

2) CPR means —-————.

3) ————————— is the oxygen cylinder colour

4) ————— is the example of local anesthasia.

5) Site for spinal anesthasia is ————————.

6) ————— is used for controlled respiration during anesthasia

7) ————————— is an example of topical anesthasia

8) .....blood group persons are known as universal recipients

9) Atropine.....heart rate

10) Nitrous oxide is othewise called.....gas

11) ..... is made by the BP blade

12) Wound lips are held by ..... forceps

13) ..... retractor is to protect the bladder in caesarean

14) Mallet is used for ..... surgery

15) Sterile cloths covering the patient in OT is called ....

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

1) Premedication ?
2) Inhalation ?
3) Types of anesthesia ?
4) Tidal volume
5) First aid
6) Complications of I.V. infusion
7) Boyle's apparatus
8) Spinal Anaesthesia
9) Disinfectant
10) General Anesthesia
11) Cautry
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) Recovery from general anaesthesia
5) Extubation articles
6) Ventillation
7) Full thickness graft
8) Craniotomy

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

1) Fundamentals of Pre-anaesthetic period
2) Cardio-circulatory arrest
3) Laparoscopic surgery
4) Epidural anesthesia
5) Plastic surgery

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION APRIL-2015

AHE006-04 SURGICAL PROCEDURES (DISINFECTIONON STERILIZATION) CARE OF PATIENT I

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) ———— means to determine cause of symptoms.

4) Removal of an organ or gland is ——-—— suffix

5) ———— is an autoclave table.

6) Spores are killed by.....

7) Laminectomy is a surgery of.....in.....

8) Snare is used for.....

9) Hiatus hernia is otherwise called.....

10) .....is the removal of lungs

11) Hand washing prevents .....

12) ..... is the term for bleeding in medicine

13) Vaginal operation is done in ..... position

14) Intramedullary nailing is done in ..... bones

15) ..... is an inhalation agent

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

1) Sterilization ?
2) Bronchoscopy ?
3) Disinfection ?
4) Pre operative preparation of bowel surgery ?
5) Protection of the patient in surgery ?
6) Infection
7) First and for foreign bodies in the eye
8) MTP
9) Indwelling catheters
10) Septicaemia
11) Respiratory arrest
12) Haemorrhae
13) Role of theatre assistant
14) Bowel wash
15) Perineal care

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

1) Screening tests of OT ?
2) Scrubbing ?
3) Responsibilities of circulating nurse during a major operation ?
4) Care of specimen ?
5) Suture materials
6) Blood transfusion
7) Dialysis
8) Intubation

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

1) Describe about surgical procedure ?
2) Describe about gynaecological instruments with help of neat diagram ?
3) Types of shock and their management
4) Road accidents
5) Theatre float nurse

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AHE006-OPERATION THEATRE TECHNICIAN

ONE YEAR EXAMINATION APRIL-2015

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) Suture needle are made up of ————

2) The Trendless burg position is helpful in ————.

3) Zygoma hook is used for ————.

4) Breast removal surgery is called —-———.

5) Father of surgery is ————-——.

6) Example of non boilable instruments ———.

7) .....is the strongest and cheapest disinfectant

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

9) Gastrotomy is the opening made in the.....

10) Bleaching solution has disincting property because of the presence of .....in it

11) .....position is used to do operations at the anus

12) ..... position is used in perineal operations

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

14) Disinfection of the theatre is done by ..... or U.V. Radiation

15) ..... Sharp instruments are not sterilised by heart

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

1) Rampley's sponge holding Foreeps ?
2) Uses and specification of dissecting forceps ?
3) The catgories of people in the operating room ?
4) Preparation of theatre and equipment ?
5) Preparation of theatre and equipment ?
6) Preparation of ether soap ?
7) Hand scrubbing procedure ?
8) Aneurysm needle ?
9) Ligatures and sutures ?
10) Serum proofed silk ?
11) Ectomy ?
12) Colostomy ?
13) Anaesthesia triad
14) Tidal volume
15) Analgesia

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

1) Lithotomy position ?
2) Laprotomy ?
3) How eill you prepare the OT for an operation on the neck
4) Disposal of biological waste
5) Responsibilities with an antenatal mother 1st stage of labour
6) Management of hypotension on table
7) Muscle relaxants
8) Laparotomy tray set up

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

1) Describe about the procedure following contaminated operation ?
2) Explain the different types of sutures with help of neat diagram ?
3) Duties of a flot nurse
4) Explain tray set up and procedure of caesarean operation under spinal
5) Explain tray AET up and procedure for open reduction for fracture tibia