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

AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-01 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) Let the door _____ opened

3) They are ready _____ the work.

4) _____ You will pass.

5) Be back _____

6) I would like to have _____ fruits.

7) Hybrid computer is used for _____

8) Joystick is a _____ device

9) She ran _____ the road

10) Key board shortcut for undo command is _____

11) UG I means _____

12) Japan is _____ Asia country

13) www. means _____

14) He _____ swimming _____ the river

15) Mr.ram is _____ teacher

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

1) Define adjectives?
2) Define Auxiliary verb?
3) Define proper noun?
4) What is meant by singular number? Example:-
5) What is meant by strong verbs?
6) Verb
7) Digital computer
8) What is the difference between Notepad and Wordpad
9) computer
10) Save use
11) Computer
12) Storage device
13) Status bar
14) What is Hardware?
15) Define shortcut keys for UNDO and REDO?

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

1) Explain few sentences using "should would"?
2) Define kinds of participle?
3) Explain telephone ediquette?
4) Formal menu
5) Shift+functions of the keys
6) CPU
7) What are the characteritics of computer?
8) Write briefly about direct speech and indirect speech?

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

1) Explain the MS word and its applications
2) Write all Internal Commands in dos and explain it.
3) Explain 'Mail Merge'
4) Create a worksheet using fill command
5) Write briefly about MS Excel?

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-02 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) _____ is the largest vein in our body.

2) Two divisions of brain stem are _____

3) _____ is the largest artery

4) Vertebral column composed of _____

5) Leakage of CSF through nose is _____

6) _____ is the transport medium of the body

7) The hardest material found in the human body is _____

8) The largest blood vessel in the body is _____

9) The largest and longest bone in human body is _____

10) Optic nerve is _____

11) Normal human brain weighs about _____

12) _____ and _____ harmones are produced by the ovary

13) Common bile ducts ends into _____

14) Define Palate.

15) ABBREVATION - CVS

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

1) Alveoli
2) Fertilization
3) Obesity
4) Nephrone
5) Anabolism & Catabolism
6) Orthology
7) The sacrum
8) Liver
9) Neuron
10) Define Physiology.
11) Write types of joints?
12) Define Attention
13) Anatomy and physiology
14) The alimentary canal
15) Cerebrum

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

1) Composition & functions of blood?
2) Functions of vertebrae
3) Thyroid gland
4) Meninges
5) Brain
6) Functions of heart
7) Pelvic girdle
8) Knee Joint

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

1) Explain the reproductive system
2) Describe the uterus with the help of neat diagram
3) Briefly describe the vertebral column with the help of diagrams
4) Describe the urinary system and urine formation with the help of neat diagram
5) What are all the components of blood? Explain the functions of each one.

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-03 ELECTRICITY PHYSICS

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 substances in which large number of free electrons are known as _____

2) The charge of electron is _____

3) _____ is well accepted atom modal

4) Electrones are discovered by _____

5) Speed of X-ray is _____

6) Any soil rubbed with a suitable materials will attract _____ objects.

7) Substances which do not allow charge to move freely through them known as _____

8) Substances which are having their conductivity intermediate between conductors and insulators are known as _____

9) In certain substances, electron can move freely through the _____

10) _____ is a instrument do measure potential difference between two points

11) EMF expansion is _____

12) The nervous system is divided into _____ main system.

13) Human body has about _____ billion neurons in their brain.

14) The inner layer of durra mater is known as _____ layer.

15) The space surrounding an electric charge in which another charge experience a force Is called _____ field.

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

1) MAS
2) Energy
3) Power
4) Conductor
5) Protones
6) Atomic Number
7) Photo timer
8) Insulators
9) Joules Law
10) Spinning top
11) Dynamo
12) Galvanometer
13) Define magnetic induction?
14) Define isober?
15) Define Light intensity?

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

1) Coolidge tube
2) Fluoroscopy
3) Energy
4) Photo electric effect
5) Maxwell's cork screw rule
6) Unit of heat
7) Lighting discharge
8) Induction process

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

1) Explain the laws of magnetism
2) Explain the production of electric charges and gases in the discharge tube
3) Describe production and controlling of X-ray and draw the diagram of X-ray tube
4) Explain the structure of transformer and types of transformer used in X-ray machine
5) Draw a diagram of stationary anode xray and describe its different parts

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-04 RADIOLOGY PHYSICS

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) For medical diagnostic purpose the wave length of X-ray is from _____

2) Normal speed of rotating anode is _____

3) In ancient days capacitor was known as _____

4) Secondary radiations are _____ rays

5) Pottential difference is measured in _____

6) The process of emission of electrons from cathode by heating is _____

7) A film badge is used to _____

8) IRAD _____

9) RBE = _____

10) Energy can be defined as _____

11) _____ is the ability to do work and it has several forms.

12) The SI Unit of energy is _____

13) The formula of kinetic energy _____

14) All matter is composed of _____

15) For medical diagnostic purpose the wave length of x-ray is from _____

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

1) Energy
2) Convection
3) Protons
4) Radiation
5) Frequency
6) Thermionic emission
7) Exposure
8) MA
9) Radiation units
10) Magnet
11) Isotop
12) Cone
13) Define Fog?
14) Define structure of atom?
15) Define CT?

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

1) Xero-radiography
2) Kinetic energy
3) Ultra sound
4) Guidelines for using filmbadge
5) Rotating anode
6) Give the table of radiation
7) Spinning top
8) Explain Xero radiography?

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

1) Explain the x-ray beam restrictors
2) Describe the x-ray tube with diagram
3) Explain the local rule of radiation protection
4) Describe the properties of alpha, beta and gamma rays
5) Explain the uses of X-ray and its physical effect

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-05 POSITIONING IN RADIOGRAPHY

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) Radiological imaging of breast is called _____

2) Temperature of barium solution should be _____

3) For HSG _____ is the medicine widely used

4) Angiography is _____

5) Waters view is taken for _____

6) _____ medicine is used for HSG

7) Cholecytography is advising to detect the disease inthe _____

8) The book positioning in radiography was first introduced by the person _____

9) Lying on back position is called _____

10) In the case of shoulder AP the central ray is directed vertically through _____

11) Lying on the side is known as _____

12) Grid was invented by _____

13) The main merit of TLD is _____

14) Oral cholecystography is the radiographic examination of _____

15) 1A = _____ cm.

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

1) Grid
2) Scaphoid view
3) Lateral projection
4) Antropological line
5) The position of part of the AP view of forearm
6) Exposure settings of humorous in AP view
7) Pelvis
8) Stereoscopy
9) Cervical vertebrae
10) Film density
11) Semi conductors
12) Radiation
13) Preservatives
14) Types of grids
15) Define contrast media?

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

1) Ankle joint lateral
2) Pathology
3) Bronchography
4) Draw the left knee AP view
5) The bones of the wrist and hand
6) CT scan in urology studies
7) Anatomy of heart
8) Describe radiation safety?

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

1) Describe basic positioning and views of skull
2) Describe the double coated X-ray film with diagrams
3) Explain the structure of an X-ray film with diagram
4) Explain IVB?
5) Explain radiography view of skull?

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FIRST YEAR) EXAMINATION NOVEMBER-2025

AHE003-06 DARK ROOM 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) Preservative is added to the developer to check _____

2) Sil resulting in the development of _____ is called log

3) Normal developing time is _____

4) Xray film is _____ coated film

5) Single coated film is commonly used in _____

6) The optimum temperature of the fixing bath is _____

7) Squares Law was propounded by _____

8) X-ray film coated on both sides with an _____

9) Intensifying screen consist of _____ layers.

10) The base is made of card board or _____

11) CTA is the safety base introduced by _____ Eastman in 1924 for the first time.

12) Screen type of films are generally used in _____

13) Dark room is a _____ processing Room.

14) _____ is the restrainer used in developer.

15) In _____ solution silver precipitated during film processing

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

1) Hangers
2) Dark room entrances
3) Film speed
4) Define screen type film?
5) Write about films packing?
6) Define Development?
7) Define Developer?
8) Define washing?
9) Write about transport system?
10) Write about dryer system?
11) Write about radiation exposure limits in ICRP?
12) Write about consist of fixing solution?
13) Write about contains of the racks?
14) Define image quality?
15) Write introduction of x-ray?

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

1) Functions of fixer
2) Draw the dorsal spline (AP view)
3) Fixing and drying process
4) Write about explain the Replensisher?
5) Write about stochastic effects of Radiations?
6) Write about noise & sharpness?
7) Write about fluoroscopy?
8) Describe medical imaging film?

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

1) Explain the construction of dark room
2) Explain about contrast media
3) Write about explained film processing procedure name write & explained development?
4) Write about Adran tages of automatic processor & explained transport & dryer system?
5) Describe about chest for ribs (AP) and lateral oblique view?

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHE003-13 SPECIAL INVESTIGATION

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) Porencephaly denotes a _____

2) Aneurysm is an abnormal focal enlargement of an _____

3) A fresh haematoma on NCCT appears as homogeneously dense; _____ HU

4) In Cysticerosis _____ is the most common affected organ system

5) The hydrocephalus is choroid plexus papillomas and are due to over production of _____

6) _____ are the primary malignancy of the kidney

7) Intravenous pyelography is a useful technique in _____

8) To visualize the bronchial tree _____ is used

9) _____ is an important aid for the diagnosis and location of lungs diseases

10) HSG is the radiological investigation of _____

11) Myetography is the radiological demonstration of _____

12) KUB means _____

13) _____ means towards the MSP following the curvature of dental arch

14) OCG is the radiological demonstration of _____

15) _____ plane lies 2cm below and parallel to a line joining the tragus of ear to the mouth.

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

1) Town view
2) Lateral view
3) Indications for sialography
4) Main factors in radiography
5) Gall bladder
6) Brium enema
7) Sialogram
8) Ureters
9) Nephrogram
10) Contrast media
11) Mesial
12) Ageography
13) Labial
14) HSG
15) Cystogram

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

1) Parathyroid glands
2) Left lung
3) Cavitation
4) Structure of stomach with the help of neat diagram
5) Radiography of Laryngo pharynx
6) Double contrast barium Enema
7) MCU
8) Plain, x-ray abdomen

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

1) Describe about the hysterical phonograms (HSG)
2) Write in detail about preparation, indications and procedure of IVP
3) Write in detail about preparation indications and procedure of Ba enema
4) Explain renal angiogram cardio angiogram
5) Explain about hysterical phonograms (HSG)

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHE003-14 RADIATION HAZARDS & SAFETY MEASURE

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) _____ removes the low energy photons

2) _____ is used in step wedge method

3) 'Dose' means _____

4) Film badge is useful for _____

5) _____ is the source of brachy therapy

6) TLD means _____

7) MPD means _____

8) Isotopes are elements having equal atomic number but different _____

9) The radiation source commonly used in therapeutic machine is _____

10) The unit of radiation is _____

11) The protective apron must have a minimum lead equivalence of _____

12) The unit of absorbed dose _____

13) CT machine invented by _____

14) The unit of radioactivity _____

15) The maximum permissible dose allowed for a radiological worker is _____

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

1) Radiographic positioning
2) Gonad shield
3) Rectification
4) Radio activity
5) TLD
6) Film badge
7) Fluroscopy
8) Dosimeter
9) MPD
10) Equivalent dose
11) Heat in x-ray equipment
12) Radio Activity
13) Dose metry
14) Dose measurement
15) Grids

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

1) Dosimeter
2) Measurement radiation exposure
3) Properties of X-ray
4) Fluroscopy protection
5) The sources of radiation
6) RAD and REM
7) Brachy Therapy
8) Radio biology

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

1) Explain the sources of radiation
2) Explain about maximum permissible dose and ISO charts
3) Explain the ways of heat transfer
4) Explain late and immediate effects of radiation
5) Briefly explain the methods of radiation control and personnel monitoring devices

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHE003-15 HOSPITAL PRACTICE & PATIENT CARE

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) Pus collection within the brain parenchyma is _____

2) _____ CT is used for coronary angiogram

3) _____ is the investigation of choice in head injury patients

4) The condition of difficulty in swallowing is called _____

5) In X-ray department _____ (drug) is used

6) Side effect in the contrast medium leads _____

7) A good contrast medium must be _____

8) Patient care is different for _____ and _____

9) Before the special procedure, _____ is signed

10) Reactions can be reduced by _____

11) The absorption of x-rays by the tissue of the body depends of _____ of the part

12) _____ contrast media have high atomic number and high density

13) _____ means towards the MSP following the curvature of the dental arch

14) Barium enema is the radiological investigation of _____

15) _____ type of CMS is hypertonic

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

1) Renal colic
2) Sedation
3) Hypertonic
4) Conscent form
5) Immobilization
6) Care of children
7) Reactions of contrast media
8) Uses of contrast media
9) Cm administration
10) How can reduce reactions of contrast media
11) HSG
12) OCG
13) MCU
14) Sialography
15) Barium swallom

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

1) Patients preparation for abdomen and pelvis
2) Patients preparation for brain
3) Skull fracture
4) Patients exposure
5) X-ray tubes
6) Positive contrast media
7) Hygiene in the X-ray department
8) Preparation of the patient for Barium eneme

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

1) Explain barium swallow techniques
2) Describe the main infections disorders of brain
3) Explain indications, preparation, Procedure, and after care of HSG
4) Explain about the importance of hygiene the X-ray department
5) Briefly explain indications, preparation, Procedure, and after care of HSG

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AHE003-BSS DIPLOMA IN X-RAY TECHNOLOGY

TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHE003-16 RADIOGRAPHIC PHYSICS

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) Movement of patient during exposure causes _____

2) The salt _____ is used in urography

3) In MRI _____ Types of X-ray tube is used

4) Film base is made of _____

5) The nucleus of hydrogen atom contain _____

6) X-rays travel at the speed of _____

7) X-ray was discovered by _____

8) The filament is _____ in vacuum tube diode

9) The conversion mechanism of AC to DC is called _____

10) Columb's inverse squarelaw is _____

11) The _____ salt is used in urography (contract media) is sodium and maglumine

12) Anode of X-ray tube is made of _____

13) _____ is the paramagnetic substance

14) CT invented by _____

15) _____ is x-ray tube current

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

1) Exposure
2) Exposure times
3) Circuit breaker
4) Cathode rays
5) Inverse square law
6) Ionization
7) Focal spot
8) Safe light
9) Voltmeter
10) Radiation
11) MAS
12) Urography
13) Mobile unit
14) Portable unit
15) MRI

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

1) Mutual induction
2) Nasal bone radiography
3) Functions of fixer
4) Control panel
5) Miniature circuit breaker
6) Facet disease
7) Dental x-ray equipment
8) Magnets used in MRI

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

1) Describe the main body parts of CT scanner used
2) Describe CT Scan of brain parameters with basic anatomy and pathology
3) Explain vertebrae with the help of neat diagram
4) Briefly explain the X-ray beam restrictors
5) Describe in detail the production and properties of ultrasound. Explain different scan modes of ultrasound

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TWO YEARS (FINAL YEAR) EXAMINATION NOVEMBER-2025

AHE003-17 ECG & IMAGING SERVICE

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 expanded form of ECG is _____

2) The normal heart beat of a person is _____

3) _____ is of great value in the diagnosis of myocardial infraction

4) Cardiac impulse orginated in the _____

5) Faster heart rate is known as _____

6) For ECG purpose _____ paste is used

7) The father of ECG is _____

8) Sensitometry is introduced by _____

9) MRI means _____

10) _____ invened ECG

11) _____ is the unit of radioactivity

12) Unit of absorved does is _____

13) _____ is the measurement of radiation dose

14) The high of P wave is _____

15) _____ is a graphical recording of the electrical activity of the heart

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

1) Skull bones
2) Ultra sound
3) Electrocardiogram
4) SA node
5) ECG of one cardiac cycle
6) X-ray room
7) Sinus rhythm
8) AV node
9) Sino atrial block
10) Exercise test
11) Radiotherapy
12) Dosemetry
13) Dose measurement
14) Absorbed does
15) Radioactivity

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

1) Computed tomography
2) Liver cirrhosis
3) Describe the position of ECG leads
4) Abnormal electrocardiogram
5) To prepare patient for excercise testing
6) ECG
7) Care of an ECG machine
8) Deviation of heart

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

1) Describe radiographic appearance of IVu series
2) Explain the waves interval and segments
3) Explain the Techniques of ECG
4) Explain the Techniques How will you proceed an ECG
5) Explain about abnormal ECG