2003 (Paper - I)

Anatomy

Q. 1. Write briefly on any four [20]

1. 149 Heart
2. 227 Stomach
3. 292 kidney
4. spllen
5. 84 Bony pelvis.

Q. 2. Write a short notes on any three of the Following. [18]

1. 88 Name of the bones in the upper limb & give their respective positions.
2. 292 Draw the spinal cord. What are the function.
3. 345 Describe the spinal cord. What are the functions.
4. 308 Name the parts of female reproductive System & describe the uterus.

Q. 3. Describe the method of injecting the human Cadaver (शव / मृतदेह), Name the chemical used with their functions. [12]

Paper - II

Anatomy

Q. 1 Describe the bones of lower limb. [15]

OR

Describe Embalming

Q. 2 Write short note on. [20]

a. Name the parts of urinary system & describe kidney in detail.

b. Museam technique

c. Describe lung

Q. 3 Write short note. [15]

a. Draw & label the parts of Female Reproductive system.

b. Classification of Bones.

c. Describe Stomach.

d. Staining technique

2004

Anatomy

Q. 1 Describe the bones of upper limb. [15]

OR

Anatomy museum.

Q. 2 Write short notes on. (two out of three) [20]

a. Name the parts of Genital system & describe the uterus in detail.

b. Describe the methods of Embalming.

c. Discribe liver.

Q. 3 Write short notes on. [three out of four.] [15]

a. Histological techniques

b. Heart

c. Draw & label the parts of urinary system.

d. joints of lower limb.

20th 2007-08 B.J. Medical college

Anatomy

Q. 1. Describe the bones of upper limb. [15]

OR

Enumerate the methods for preservation of dead body & Write in detail about embalming.

Q. 2. short Notes. (Two out of three) [20]

a. Name the parts of gastrointenstinal systeam and describe the Stomach in detail.

b. Describe uterus.

c. Describe joints of lower limb.

Q. 3 short notes. (three) [15]

a. Draw & label the part of urinary system.

b. Describe heart.

c. Describe museum techniques.

d Discuss various steps for preparation of histology slides.

2007

Anatomy

1. Write short notes on any three. [15]

a. 149 Heart

b. 221 Stomach

c. 308 Uterus

d. 318 Testes

2. Write short notes on any two. [20]

a. Methodes of pre servation of Human body after death.

b. Parts of Nervous system.

c. 98 Name bones of lower limbs & give their articulations.

3. Write short Notes on any two [15]

a. 192 Draw lebel parts of urinary system

b. Haematoxylin - Eosin.

c. Cure of microscopes

d. Collection & fixation of tissues.

Preliminary Examination 2008

Anatomy

Q. 1 Describe the Embalming of cadaver, what preparation you will take. [15]

Q. 2 Write briefly on any three [15]

a. Draw & label parts of urinary system. Describe kidney.

b. Bones & joints of upper limb.

c. Name parts of male genital system.

d. Care of museum specimen.

Q. 3. Write notes on any Four. [20]

a. Name different types of microscopes & Name parts of Compound light microscope.

b. Staining embedding of tissues.

c. Maceration

d. Xylene, Eosin

e. Articulation of Human skeleton

21st 2008 - 2009

D.Y. Medical College

Anatomy

1. Describe the bones of lower limb in detail and [121] mention the joints formed by them. [15]

OR

Describe museum techniques.

Q.2 Write short notes on (any two) [20]

a. Embalming.

b. [292] Describe kidney.

c. [89] Name the bones of upper limb and describe humerus in detail.

Q.3. Write short notes on (any three.) [15]

a. [252] Draw and label the parts of respiratory system.

b. [344] Spinal cord.

c. [241] liver

d. Histological techniques.

2010 - 2011

Anatomy

Q. 1. Describe the bones of upper limbs. [15]

OR

Q. 1. Enumerate the methods of preservation of dead body and write in detail about Embalming.

Q. 2 Write short notes on (two out of three.) [20]

1. Heart
2. Stomach
3. Histrological techniques.

Q. 3. Write short notes on. (three out of four.) [15]

a. Draw and label various parts of urinary system.
b. Describe museum techniques.
c. Uterus.
d. Describe the joints of lower limb.

Paper - III

Anatomy

Q. 1 Describe bones of upper limb. [15]
98

OR

Anatomy museam

Q. 2 Write short notes.

1. 505 Frame the parts of Genital system & describe uterus in detail.
2. 241 Describe liver
3. Describe method of Embalming.

Q. 3 Write short notes on.

1. Histological technique
2. 149 Heart
3. 292 Draw & label the parts of urinary system
4. 88 Joints of lower limb

Paper - III

Q. 1. Describe the procedure of injecting dead body.

Q. 2 Write Briefly any three.

1. 149 Heart
2. 221 Stomach
3. Fixation
4. Fixatives.

25 - 2011 Physiology

Q. 1 Enumerate the functions of following. [20]

(1) kidney
(2) pancreas
(3) Testis.
(4) Stomach.

Q. 2 Match the following.

1 Insulin	3 Anterior pituitary.
2 Adrenaline	4 Thyroid
3. Growth Hormone	5 overy
4. Thyroxin	1 pancreas
5. progesterone	2 Adrenal Medulla.

Q. 3. Ans. any five of the following. [15]

(1) Movements of small intestine
(2) Name six coagulation factors. xxx
(3) Classification of WBC
(4) Classification of Nerve fibers. xxx
(5) Name different Respiratory volumes and capacities.
(6) Factors affecting blood Pressure

Q. 4 Normal values following [10]

1. Serum calcium. - 8.5 to 11 mg/dl.
2. Different count. -
3. Body Temperature. - 36.5 to 37.5 °C, 96-98° F.
4. RBC count in female. - 4.0 to 4.5 mill / cumm of blood. 3.9-4.8 10^6/mm³
5. Anatomical & physiological Dead space volume 150 ml
6. Glomerular filtration Rate - 125 ml / min or 180 liter / day.
7. Radial pulse - 70-72 lack / min. 60-80 pulse beat / minute. 70-80 bpm
8. platelet count - 1.5 to 5.0 lack / cumm (µl) 150-400 10^3/mm³
9. Bleeding time & clotting time BT = 1 to 3 min 2-3 min
10. Cardiac out put CT = 4 to 6 min 5-6 L/min

25 - 2017 Physiology

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Q. 3 Fill in the blanks. [10]

1. functional & Structural unit of Nervous system is Neuron
2. Pace maker of heart is SA Node
3. Normal blood sugar level, fasting & post prandial is F - 70-110 & PP - 80-110 Trypsin & Chymotrypsin RBS - < 200 mg/dl
4. Protein digesting enzymes present in pancreatic juice are Trypsin & Chymotrypsin
5. Dietary mineral iodin is essential for synthesis of thyroid hormones.
6. Respiratory centers are present in Brainstem & Cerebral cortex
7. Muscle proteins are Myosin & Pectin
8. During adult life red blood cell formation occurs in Bone marrow
9. Emptying of urinary bladder is a function of Micturition reflex
10. Ascending tracts of spinal cord carry Fine touch & Vibration sensations

22nd - 2010 Physiology

1 (A) Ans any five of the following [15]

1) List the instruments & chemical solations required for the experiment of "Amphibian nerve & muscle practical." xxx

2) Enumerate the tests for hearing.

3) Write the composition of Turk's fluid. xxx

4) Draw the diagram of nephron.

5) Enumerate the different methods of Artifical Respiration. xxx

6) How will you take care of microscope? xxx

7) List the instruments and chemical solations required for the experiment of measurement of B.P in dog. xxx

B] Match the Following [5]

1. Spinal cord - 3	Image formation.
2. Pancrease - 4	Testosterone
3. Retina - 1	reflex
Cerebellam - 5	Insulin
Mal sex hormone - 2	Equilibrium.

2(A) Write short notes on any three. [15]

1) Neurone

2) Functions of lungs

3) Cardiac cycle

4) ESR

5) Puberty.

B] True or False. [5]

- Cardiac muscle is an examples of volantary muscle. X
- In hemophilia, clotting time is increased X ✓
- Cross matching is must even if blood groups of donor and recipient are compatible ✓
- We can survive even if one kidney is removed ✓
- Testamy is caused by less secretion of thyroid hormone. X

Fill in the blanks: [10]

Normal respiratory rate is 10-40/min or 14-18/min

Receptors in eye are _____ & _____.

Q.6 Exythropoiesis occurs in Bone marrow.

Smooth muscle are present in visceral.

Blood pressure is recorded by instrument sphygmomanometer.

Bile is stored in Gall Bladder.

Receptor for Hearing is cortex.

Normal tidal, volume is 500 ml.

Q.196 posterior pitaitery glands secretes vasopressin & oxytoxin hormone

process of formation of sperm is known as _____

21st - 2009 Physiology

1. [A] Ans any Five [15]

1. Enumerate the anticoagulants & their use in the laboratory. xxx
2. Write the procedure to make Leishman soln at your laboratory. xxx
3. List of instrument & chemical required for experiment on frog's heart
4. How would you determine the blood group of the subject
5. What precautions you will take while with drawing a sample of venous blood xxx
6. Draw & label the different waves in normal ECG
7. Name the different parts of compound microscope xxx

[B] Match the Following. [5]

1. Parathyroid gland - 4	1. Female sex hormone
2. Receptors for hearing - 5	2. loop of Henle
3. Estrogen - 1	3. increased heart rate
Tachycardiam - 3	4. Tetany
conc. of urine - 2	5. Organ of corti

2. (A) short notes. [15]

1. Functions of Respiratory system
2. Basic mechanism of blood coagulation
3. Functions of liver.
4. Functions of Brain
5. Structure & Function OF Heart

C. True OR False (5)

1. RBC count increases in anemia. X
2. progesterone is male sex hormone. X
3. loss of pain sensation is known as anaesthesia. ✓
4. Structural & functional unit of kidney is nearone X
5. packe maker of heart is SA node ✓

3 Fill in blanks. [10]

1. Normal heart rate is 72 beats
2. Normal WBC count is 5000 - 11000 cells/cu
3. Normal blood sugar is 70 - 110 mg/dl
4. Visual receptors are rods and cones.
5. Hormones of posterior pituitary gland are vasopressin & oxytoxin
6. protein is digested by pepsin enzymes (Proteolytic) in gestric juice
7. Muscle proteins are _____ & _____
8. Normale cardiac Out put is 5 liter per minites
9. Respiratory centre are _____ & _____
10. Ascending tracts of spinal cord are Sensory & Afferent