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## GNM ANNUAL EXAMINATION - AUGUST 2014

1st Year Paper - I Bio-Science { Anatomy, Physiology and Microbiology)
[Note: Draw diagrams wherever necessary]

Time: 3 hours Max. Marks: 75

## SECTION-I

T	Give the Meaning of the following	1x4=4
	a) Pasteurization b) Pulmonary circulation c) Immunity d) Cytology	
TT	Fill in the Blanks	1×4=4
	a) is the largest gland in Human body.	
	is the membrane covering brain and spinal cord.	
	c) The bone of the lower jaw is called	
	d) Leprosy is caused by	
		5x3=15
	Write short notes on any THREE of the following	
	a) Structure of Heart  b) Structure of Uterus	
	c) Structure of Lungs . d) Structure of Tooth	
	e) Factors influencing growth of Micro-organisms.	
	- N. Fried Share annual of Historian Custom	3+6=9
IV.	a) List the organs of Urinary System b) Describe the structure of Kidney with a neat labeled diagram.	
	b) Describe the structure of Ridney with a field labelled and	
	a) List the bones of Thoracic Cage	4+5=9
	b) Describe the femur with a neat labeled diagram.	
		6
٧.	a) Draw a neat labeled diagram of Human Eye.	
	OR	
	a) Draw a neat labeled diagram of Digestive System.	
	SECTION-II	
		1x4=4
VI.	State whether the following statements are TRUE or FALSE	
	a) The largest part of Human brain is Cerebrum.	
	b) The optic nerve transmits the nerve impulses of smell.  b) The optic nerve transmits the nerve impulses of smell.	
	c) Malaria is transmitted by the bite of Mosquitoes d) Blood circulation between heart and body is called pulmonary circulation.	
	a) Blood Circnianous permeets success and a	
	Fill in the Blanks.	1x3=3
	The rewar house of the cell is	
	b) Blood vessels which carry blood towards heart are called	
	c) tuberculosis is caused by	
		5x3=15
	a) Write short notes on any THREE of the following .	343-13
	a) Collection of Specimen	
	C) FUNCTIONS OF DIOOG	
	e) Function of Nephron.	
	U Ci-l Nonzoc	2+6=8
IX.	a) Name the Cranial Nerves b) Explain the functions of Cranial Nerves.	
	a) Name the sense organs.	
	b) Explain the functions of sense organs.	
	U) Explain the fallows	
V	a) Draw a neat labeled diagram of Heart.	4+3=7
X.	b) Explain the Pulmonary blood circulation.	
	OR	
	a) Draw a neat labeled diagram of Liver.	
	h) Explain the functions of Liver.	
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