

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS: BMLT
BRANCH: BMLT

SEMESTER : II
SESSION : SP/2025

SUBJECT: BMT201 HUMAN ANATOMY & PHYSIOLOGY- II

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Write the significance of urinary system. How kidneys play an essential role?	[5] CO2	L2
Q.1(b)	Explain the role nephron in the urinary system. Write the various abnormal components of urine and related associated causes.	[5] CO3	L2
Q.2(a)	Draw and label the structure of nerve cell. Write the role of efferent and afferent nerves in nervous system with example.	[5] CO2	L1
Q.2(b)	What are Glial cell? Write the role, composition and functions of cerebrospinal fluid	[5] CO2	L2
Q.3(a)	Explain the role of endocrine and exocrine glands with example of each.	[5] CO2	L2
Q.3(b)	Define lymph. Write the significance of lymphatic system.	[5] CO2	L1
Q.4(a)	What happens if fertilization occurs and menstruations stop? Write the function of Seminal fluids.	[5] CO2	L2
Q.4(b)	Define fertility and factors effecting male fertility. Write in brief about the methods of fertility control.	[5] CO3	L1
Q.5(a)	Write in short about the abnormal skin colors, skin marking and functions of the skin.	[5] CO2	L2
Q.5(b)	Define nutrition. Write the essential role of fats and proteins.	[5] CO1	L2

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