

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY , U.P., LUCKNOW

BACHELOR OF PHYSIOTHERAPY (BPT) SECOND SEMESTER EXAMINATION AUG 2026

NAME OF SUBJECT : HUMAN ANATOMY II (INCLUDING APPLIED ANATOMY)

PAPER CODE : 2632110106

MAX MARKS : 80

DATE OF EXAM : 14.08.2026

TIME: 03 HOURS (11:00AM TO 02:00PM)

GENEAL INSTRUCTIONS :

All question are compulsory

Explain with diagrams where required

The number on the right indicates full marks

Please write the correct Paper Code

	<u>LONG ESSAY QUESTIONS</u>	2 X 20 = 40 MARKS	
Q1.	Describe Spinal Cord -its location. Structure and function. Define tract, its type and function		(2+3+5+10)
Q.2	What are the muscles surround thigh? Describe Origin, Insertion, action, Nerve supply of muscles in front and back of thigh		(4 +8+ 8)
	<u>SHORT NOTE QUESTIONS</u>	2 X 10 = 20 MARKS	
Q3.	What is CSF and Ventricular system? Describe formation circulation and function of CSF.		(2 + 8)
Q4.	Write the name of bones forming Orbit and content within orbit. Describe structure of Eyeball.		(4 + 6)
	<u>SHORT ANSWER QUESTIONS</u>	5 X 4 = 20 MARKS	
Q5.	Write about Cervical Vertebra.		4 marks
Q6.	Write about Femoral Triangle		4 marks
Q7.	Write name of Skull bone		4 marks
Q8.	Write about Facial Muscle.		4 marks
Q9.	Write about Anterior Abdominal Muscle		4 marks

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BACHELOR OF PHYSIOTHERAPY (BPT) SECOND SEMESTER EXAMINATION AUG 2026

NAME OF SUBJECT : HUMAN PHYSIOLOGY II (INCLUDING APPLIED PHYSIOLOGY)

PAPER CODE : 2632110107

MAX MARKS : 80

DATE OF EXAM : 17.08.2026

TIME: 03 HOURS (11:00AM TO 02:00PM)

GENEAL INSTRUCTIONS :

All question are compulsory

Explain with diagrams where required

The number on the right indicates full marks

Please write the correct Paper Code

<u>LONG ESSAY QUESTIONS</u>		2 X 20 = 40 MARKS
Q1.	Describe hormone, its types and mechanism of action. What are the different hormones act on Calcium level in human body? Describe them with their other functions.	20 marks
Q2.	What is GFR? Describe mechanism of formation of Urine with description of structures participate into formation storage and excretion of Urine.	20 marks
<u>SHORT NOTE QUESTIONS</u>		2 X 10 = 20 MARKS
Q3.	How Liver is important for survival of life? Describe it with physiological aspect	10 marks
Q4.	What is Puberty and hormones responsible for Puberty? What are the characteristic features of Puberty in male and female.	10 marks
<u>SHORT ANSWER QUESTIONS</u>		5 X 4 = 20 MARKS
Q5.	Write difference between Deglutition and Digestion.	4 marks
Q6.	Why Pancreas is exocrine and endocrine gland both?	4 marks
Q7.	Write difference between Excretion and Secretion.	4 marks
Q8.	Write about Pituitary gland	4 marks
Q9.	Write about Micturition.	4 marks

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BACHELOR OF PHYSIOTHERAPY (BPT) SECOND SEMESTER EXAMINATION AUG 2026

NAME OF SUBJECT : BIOMECHANICS AND KINESIOLOGY I

PAPER CODE : 2632110108

MAX MARKS : 80

DATE OF EXAM : 19.08.2026

TIME: 03 HOURS (11:00AM TO 02:00PM)

GENEAL INSTRUCTIONS :

All question are compulsory

Explain with diagrams where required

The number on the right indicates full marks

Please write the correct Paper Code

	<u>LONG ESSAY QUESTIONS</u>	2 X 20 = 40 MARKS	
Q1.	Define Biomechanics, Kinesiology and kinematics. Describe types, rate, magnitude and direction of displacement. Describe foresaid terms in relation of Kicking of football with right leg.	(2+2+8+6)= 20 marks	
Q.2	Write the name of connective tissue found within Joint. Classify connective tissue with elaboration. Describe general properties of Connective tissue of joint.	(3+12+5)= 20 marks	
	<u>SHORT NOTE QUESTIONS</u>	2 X 10 = 20 MARKS	
Q3.	Describe Force and classify it. Describe angle of pulls of muscle surrounding elbow joint.	(5+5) = 10 marks	
Q4.	What is Lever? Classify lever with example of human body structure.	(3+7) = 10 marks	
	<u>SHORT ANSWER QUESTIONS</u>	5 X 4 = 20 MARKS	
Q5.	Write difference between Centre of Gravity and Line of Gravity.	4 marks	
Q6.	Write difference between Friction and Elasticity.	4 marks	
Q7.	Write difference between Bursa and Joint Capsule.	4 marks	
Q8.	Write about Pulley and its type.	4 marks	
Q9.	Write functional classification of Muscular system.	4 marks	

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BACHELOR OF PHYSIOTHERAPY (BPT) SECOND SEMESTER EXAMINATION AUG 2026

NAME OF SUBJECT : YOGA-BASIC THEORY, SCIENCE AND TECHNIQUES

PAPER CODE : 2632110109

MAX MARKS : 80

DATE OF EXAM : 21.08.2026

TIME: 03 HOURS (11:00AM TO 02:00PM)

GENEAL INSTRUCTIONS :

All question are compulsory

Explain with diagrams where required

The number on the right indicates full marks

Please write the correct Paper Code

	<u>LONG ESSAY QUESTIONS</u>	2 X 20 = 40 MARKS	
Q1.	Describe Meditation and its phase. What are Physiological effect of Meditation on Nervous System and Cardio-vascular System?		20 marks
Q.2	Define Yog. Describe Ashtang Yog in detail. Describe Principles, Method and Benefits of Yog asana.		20 marks
	<u>SHORT NOTE QUESTIONS</u>	2 X 10 = 20 MARKS	
Q3.	What is Pranayama? Describe its different type and effect on Respiratory System.		10 marks
Q4.	Describe Yog asana in supine position.		10 marks
	<u>SHORT ANSWER QUESTIONS</u>	5 X 4 = 20 MARKS	
Q5.	Yog asana for Backache.		4 marks
Q6.	Management of insomnia in Yog Science.		4 marks
Q7.	Tadasana: - Method, benefits and Caution.		4 marks
Q8.	Vajrasana: - Method, benefits and Caution.		4 marks
Q9.	Dhanurasana: - Method, benefits and Caution.		4 marks