

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH
BACHELOR OF PHYSIOTHERAPY (B.P.T)
IInd SEMESTER EXAMINATION

Time: 3 Hours

Max Marks: 80 Marks

Human Anatomy-II (Including Applied Anatomy)

PAPER CODE: 2332110106

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.
- Be to the point. No extra copy shall be provided.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1 Write in detail about type of joint, joint surface, structure, function and applied anatomy of Hip joint.
- Q.2 Write detail about structure, function and applied anatomy of central Nervous system.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3 Explain radiological feature of Humerus bone with diagram.
- Q.4 Gross anatomy of tongue with diagram.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5 Explain the anatomy of entrapment Neuropathy.
- Q.6 Explain in detail about Spondylolisthesis.
- Q.7 Content of triangle of neck.
- Q.8 CSF Circulation.
- Q.9 Draw surface anatomy of pelvic region.
-

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH
BACHELOR OF PHYSIOTHERAPY (B.P.T)

IInd SEMESTER EXAMINATION

Time: 3 Hours

Max Marks: 80 Marks

HUMAN PHYSIOLOGY-II (INCLUDING APPLIED PHYSIOLOGY)

PAPER CODE: 2332110107

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.
- Be to the point. No extra copy shall be provided.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1 Describe how carbohydrates, fats and proteins get digested in Human digestive system. Add a note on end products of digestion
- Q.2 Describe the Physiology of urine formation.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3 Enumerate various endocrine glands and their hormones.
- Q.4 Describe various functions of Liver.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5 Menstrual cycle
- Q.6 Secondary sexual characters in males and females
- Q.7 Islets of Langerhans
- Q.8 Role of Hypothalamus on Anterior Pituitary gland
- Q.9 Neurogenic bladder
-

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH

BACHELOR OF PHYSIOTHERAPY (B.P.T)

IInd SEMESTER EXAMINATION

Time: 3 Hours

Max Marks: 80 Marks

BIOMECHANICS AND KINESIOLOGY I

PAPER CODE: 2332110108

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.
- Be to the point. No extra copy shall be provided.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1 Explain elasticity, Strain, Stress and Hooke's Law .
- Q.2 Explain general property of Connective tissue .

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3 Write the human joint design and joint function.
- Q.4 Explain about the coordination of muscles.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5 Types of pulleys and its application.
- Q.6 Composition and resolution of forces
- Q.7 Types of motion.
- Q.8 Muscle contraction
- Q.9 Types of Equilibrium

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH

BACHELOR OF PHYSIOTHERAPY (B.P.T)

IInd SEMESTER EXAMINATION

Time: 3 Hours

Max Marks: 80 Marks

YOGA BASIC THEORY SCIENCES & TECHNIQUES

PAPER CODE: 2332110109

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.
- Be to the point. No extra copy shall be provided.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1 Write down the physiological effect of Asana and Pranayama.
Q.2 What is meditation? Write down the effect of meditation on chakra.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3 How yoga helps in disease prevention and promotion of positive health?
Q.4 Explain Siddhasana and Padmasana.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5 Vajrasana – effect and uses.
Q.6 Trikonasana – effect and uses.
Q.7 Write down the 12 steps of Surya Namaskar.
Q.8 History and development of yoga.
Q.9 Principles of yoga and asana.
-