



RAN-1806000301020001

First Year Bachelor of Physiotherapy

Examination September - 2025

Human Physiology

Time: 3 Hours]

[Total Marks: 80

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year Bachelor of Physiotherapy

Name of the Subject :

Human Physiology

Subject Code No.: 1806000301020001

Seat No.:

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Student's Signature

Section - I

Q. 1. Write in details about Sites, Stages and Regulation of Erythropoiesis. **(10)**

OR

Q. 1. Write in details about Conducting system of the Heart. **(10)**

Q. 2. Write Short Notes (Any three): **(15)**

1. Nerve Degenerative changes after Injury.
2. Glomerular Filtration Rate.
3. Pancreatic Juice..
4. Classification of Nerve Fibres.

Q. 3. Write Short Notes (Any five) : **(15)**

1. Juxta Glomerular Apparatus.
2. Heart Sounds.
3. Functions of Residual Capacity.
4. Mechanism of Smooth Muscle Contraction.
5. Mechanism of HCL Secretion in stomach.
6. Extrinsic Pathway of Coagulation.

Section - II

Q. 4. Write in details about Ascending tracts of Spinal Cord. **(10)**

OR

Q. 4. Write in details about Regulation of Respiration. **(10)**

Q. 5. **Write Short Notes (Any three):** **(15)**

1. Pain Pathways.
2. Functions of Insulin Hormone.
3. Endometrial Cycle.
4. Posterior Pituitary Hormones.

Q. 6. **Write Short Answers (Any five) :** **(15)**

1. Taste pathway.
 2. Functions of Cerebellum.
 3. Para Thyroid Hormone (PTH).
 4. Dwarfism.
 5. Classification of Reflexes.
 6. Functions of Testosterone.
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