

National Institute of Health Science & Research
NEW DELHI

B.N.Y.S. – 1st Year

Human Physiology

B.N.Y.S.- 102

M.M. 100

Time : 3 Hrs.

Attempt any five Questions

All Question Carry Equal Marks.

1. What is menstrual cycle ? Explain in detail about hormonal and ovarian changes during menstrual cycle.
2. What are the physiological functions of middle ear?
3. Explain the properties of skeletal muscle.
4. Describe the transport of oxygen in blood.
5. Describe the second stage of deglutition.
6. Define cardiac output and cardiac index giving their normal values.
Describe the regulation of cardiac output.

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B.N.Y.S. – 1st Year

Principles of Yoga

B.N.Y.S.- 103

M.M. 100

Time : 3 Hrs.

Attempt any five Questions

All Question Carry Equal Marks.

1. What are the fundamentals of Yoga. Explain in detail.
2. Therapeutic importance of Pranayama. Explain in detail any one pranayama.
3. Philosophy of Indian Naturopaths.
4. Write short note on any two :
 - a. Natural diet
 - b. Shareena Dharmas
 - c. Hippocrates
5. How nature cures ? Explain.
6. Arogya Raksha Panchatantras and their importance in maintaining good health and prevention of diseases.

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B.N.Y.S. – Ist Year

Bio-Chemistry

B.N.Y.S.- 104

M.M. 100

Time : 3 Hrs.

Attempt any five Questions

All Question Carry Equal Marks.

1. Names the respiratory centres. Describe in detail about the mechanism of nervous and chemical regulation of respiration.
2. Give the functions of gastric juice.
3. Functions of middle ear.
4. Explain the cardiovascular changes during exercise.
5. Describe counter current mechanism.
6. Absorption, transport and storage of Iron.

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B.N.Y.S. – 1st Year
Philosophy of Nature Cure

B.N.Y.S.- 105

M.M. 100

Time : 3 Hrs.

Attempt any five Questions

All Question Carry Equal Marks.

1. Contributions from Adolf Just. 20
2. Elaborate the basic principles of Nature Cure. 20
3. The laws of nature. 20
4. The primary causes of manifestations of diseases. 20
5. Write the history and philosophy of Dr. Hendry Lindlhar. 20
6. Write the philosophy of Paracelsus. 20

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B.N.Y.S. – Ist Year

Human Anatomy

B.N.Y.S.- 101

M.M. 100

Time : 3 Hrs.

Attempt any five Questions

All Question Carry Equal Marks.

1. Discuss the venous drainage of the entire upper limb. Draw diagram.
2. Describe the structure of the Elbow joint in detail. Add a note on its blood supply, nerve supply and movements taking place at this joint.
3. Mediastinal surface of the right lung. Also draw a neat labelled diagram of the same.
5. Describe the external features of the heart. Discuss the interior of the right atrium in detail along with a neat labelled diagram.
4. Write short note on any two
 - a. Pectorails Major muscle
 - b. Right subclavian artery
 - c. Interior of Lraynx
5. Write short note on any two
 - a. Popliteat fossa
 - b. Duodenum
 - c. Sciatic nerve
 - d. Gluteus maximus