

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
(2123)

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B. Pharmacy (Ayurveda) 1st Semester Examination

Fundamentals of Physiology (N.S.)

BPA-122

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Question No. 1 is compulsory. Attempt any Five questions from the remaining six.

1. (a) What are the functions of Golgi apparatus?
(b) Name the properties of Skeletal Muscle.
(c) Name of phases of Gastric Secretion.
(d) Name of the processes involved in Urine formation.
(e) Name of types of cells in Anterior Pituitary Gland.
(f) What are the Abnormal Shapes of RBC?
(g) What are the functions of Lymph?
(h) What are the common functions of Physiological Vata Dosh?
(i) Describe the definition of Dhatu and Up-Dhatu.
(j) What is Hypertonic and Hypotonic Fluid? **(2×10=20)**
2. Describe the Mechanism of Secretion of Hydrochloric Acid and Its functions. **(10)**

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3. Describe the Mechanism of Respiration. **(10)**
4. Describe the impulse condition from Sa Node to Purkinje system. **(10)**
5. Describe the Physiology of Menstrual Cycle. **(10)**
6. Describe the Regulation of Hunger and Food Intake. **(10)**
7. Describe the Cardiac circulation. **(10)**