

PARUL UNIVERSITY
FACULTY OF AYURVED
BAMS, Examination March – 2022

Year: 1
Subject Code: 02101105
Subject Name: Kriya Sharir Paper 2

Date: 11/ 03/2022
Time: 10:00AM TO 1:00 PM
Total Marks: 100

Instructions:

1. All questions are mandatory.
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write section-A, section-B on separate answer sheets

SECTION- A

- Q.1 Explain Etymological derivation, location, properties, functions, Praman & upadhatu of Rasa-dhatu in detail. (10)**
- Q.2 Answer any One from the following. (10)**
- (a) Explain any four Dhatu Sarata in detail and write down its clinical significance.
 - (b) Etymological derivation, definition, formation, location, properties, Praman, Classification and functions of Ojas. Also write down only names of symptoms of Oja Kshaya, Vyapat and Visramsas.
- Q.3 Answer any Four questions from the following.(Each 5 Marks) (20)**
- (a) Write down definition of Upadhatu and Explain Stanya in detail.
 - (b) Write down definition of “Nidra”, explain its types according to acharya Charaka and write its importance.
 - (c) Explain Panchabhautikatva of Rakta Dhatu and feature of Shuddha Rakta.
 - (d) Explain “Khale-Kapota nyaya” and “Ek kal dhatuposhana nyaya”
 - (e) Write down definition of srotas and Moola sthana of different srotas
- Q.4 Answer any Five questions. (Each 2 Marks) (10)**
- (a) Write down anjali pramana of Udaka, Rasa, Rakta, Pureesha, Kapha, Pitta, Mutra, Vasa, Meda and Majja.
 - (b) Write down Indriya Pancha panchaka
 - (c) Write down Ahar parinamkar bhava and explain in short.
 - (d) Write down Vriddhi, Kshaya lakshana of Meda Dhatu
 - (e) Write down “Vishaya” of Mana
 - (f) Write down characteristics of “Atma”

SECTION B

- Q.1 Write down Morphology, Normal count, Characteristics, functions of Red blood cells and Explain stages of Erythropoiesis. (10)**
- Q.2 Answer any One from the following. (10)**
- (a) Explain Cardiac cycle in detail.
 - (b) Write down names of hormones related to Pituitary, Thyroid, Supra-renal gland and explain pituitary gland in detail.
- Q.3 Answer any Four questions from the following. (Each 5 Marks) (20)**
- (a) Explain the stages of urine formation.
 - (b) Explain the process of spermatogenesis and spermiation.
 - (c) Name the layers of skin and explain skin functions.
 - (d) Write down classification of muscles and explain properties of muscle.
 - (e) Define immunity and its types.
- Q.4 Answer any Five questions. (Each 2 Marks) (10)**
- (a) Write down clotting factors.
 - (b) Explain goiter and its symptoms.
 - (c) Write down functions of kidney.
 - (d) Write down functions of Testosterone.
 - (e) Define blood pressure and write down any two physiological changes in blood pressure.
 - (f) Write a short note on Corpus luteum.