

UKA TARSADIA UNIVERSITY

B.Pharm. (4th Semester)

Subject :030020405-Pathophysiology and Health Education

Duration : 3 Hours

Max. Marks : 70.

Instructions:

1. Attempt all questions.
2. Write each section in a separate answer book.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks allocated to that question.
5. Draw diagrams/figures whenever necessary.

SECTION - 1

Q-1 (A) Define following terms. [07]

- I) Inflammation
- II) Apoptosis
- III) Phagocytosis
- IV) Hyperplasia
- V) Amyloidosis
- VI) Dysmenorrhea
- VII) Immunization

Q-1 (B) Answer the following in brief. (Any 4) [08]

- I) Enlist indicators of health
- II) Atrophy
- III) Extra cellular matrix
- IV) Physical methods of contraception
- V) Vascular event of inflammation
- VI) Wound healing by first intention

Q-2 Answer the following. [10]

- A) Write note on Glycogen storage disease

OR

- A) Pathophysiology, symptoms and treatment of rheumatoid arthritis
- B) Pathophysiology, symptoms and treatment of malaria

OR

- B) Uterine bleeding disorders

Q-3 Answer the following in detail. (Any 2) [10]

- A) Systemic lupus erythematous.
- B) Causes and mechanism of apoptosis
- C) Pathophysiology, symptoms and treatment of cholera

SECTION - 2

Q-4 (A) Define following terms. [07]

- I) Hypertrophy
- II) Menopause
- III) Healing

- IV) Contraception
- V) Diapedesis
- VI) Chemotaxis
- VII) Angiogenesis

Q-4 (B) Answer the following in brief. (Any 4)

[08]

- I) Intracellular accumulation of protein
- II) Vaccines
- III) Deficiencies of fat soluble vitamins
- IV) Pre-menstrual tension
- V) Various inflammatory cells and their role in inflammation
- VI) Calcification

Q-5 Answer the following.

[10]

- A) Plasma derived mediators of inflammation

OR

- A) Pathogenesis of ischemic and hypoxic injury
- B) Hypersensitivity reactions

OR

- B) Amyloidosis

Q-6 Answer the following in detail. (Any 2)

[10]

- A) Pathophysiology, complications and treatment of AIDS
- B) Contraceptive pills
- C) Growth factors