

Total No. of printed pages = 2

**2.20**

Roll No. of candidate

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**2021**

**B.Pharm (P). (2<sup>nd</sup> Year) End-Term (Regular) Examination  
PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS-IV**

Full Marks – 60

Time – Three hours

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The figures in the margin indicate full marks for the questions.

Group A

1. Answer the following questions: (10 × 1 = 10)

(i) Eczema is a disorder of

- (a) Eye (b) Skin  
(c) Bone (d) Heart

(ii) In Glaucoma

- (a) Intra ocular pressure rises (b) Intra ocular pressure decreases  
(c) Blood sugar level increases (d) Blood sugar level decreases

(iii) In Menopause the following statement is correct

- (a) Depletion of ovarian oocytes (b) Depletion of blood sugar level  
(c) Depletion of blood pressure (d) None of the above

(iv) A condition in which skin buildup and form scales and itchy, dry patches is

- (a) Eczema (b) Psoriasis  
(c) Urticaria (d) None of the above

(v) Diabetic Retinopathy is a disorder of

- (a) Eye (b) Skin  
(c) Pancrease (d) None of the above

(vi) Tubectomy is a

- (a) Physical method of contraception  
(b) Chemical method of contraception  
(c) Permanent method of contraception  
(d) Manual method of contraception

[Turn over

- (vii) During pregnancy the
- (a) Heart rate increases                      (b) Heart rate decreases  
(c) Heart rate is normal                      (d) No effect on heart rate
- (viii) The following are the common side effects of cancer chemotherapy except
- (a) Hair loss                                      (b) Anaemia  
(c) Feeling hungry                              (d) Sore mouth
- (ix) Chemotherapy drug used in breast cancer
- (a) Doxorubicin                                  (b) Amoxycillin  
(c) Salbutamol                                  (d) None of the above
- (x) Slit lamp and Gonioscopy is conducted to detect
- (a) Psoriasis                                      (b) Glaucoma  
(c) Cancer                                        (d) Eczema

#### Group B

2. Answer any six questions from the following: (6 × 5 = 30)
- (a) Write a brief note on Pathophysiology and Pharmacotherapy of Psoriasis.  
(b) Write a brief note on Polycystic ovary syndrome.  
(c) Briefly describe the pathophysiology and Pharmacotherapy of Glaucoma.  
(d) Write briefly about the trimesters of pregnancy.  
(e) Describe about the common complaints of Pregnancy.  
(f) Write a note on Menopause.  
(g) Describe the physiology of Menstrual cycle.  
(h) Write a note on infectious ophthalmic diseases.

#### Group C

3. Answer any two of the following: (2 × 10 = 20)
- (a) What is leukemia. Write briefly about the basic principles of cancer therapy. Write elaborately on chemotherapy of breast cancer. (1+4+5=10)  
(b) Describe elaborately about different contraceptive methods. (10)  
(c) Write short notes on (2 × 5 = 10)  
I. Scabies  
II. Management of chemotherapy induced emesis.