

VEER KUNWAR SINGH UNIVERSITY - ARA

B.Sc.

ZOOLOGY (HONOURS) -

PART - III

PAPER - VI

FROM

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28.05.2020

PAPER-V

UNIT-1(III)

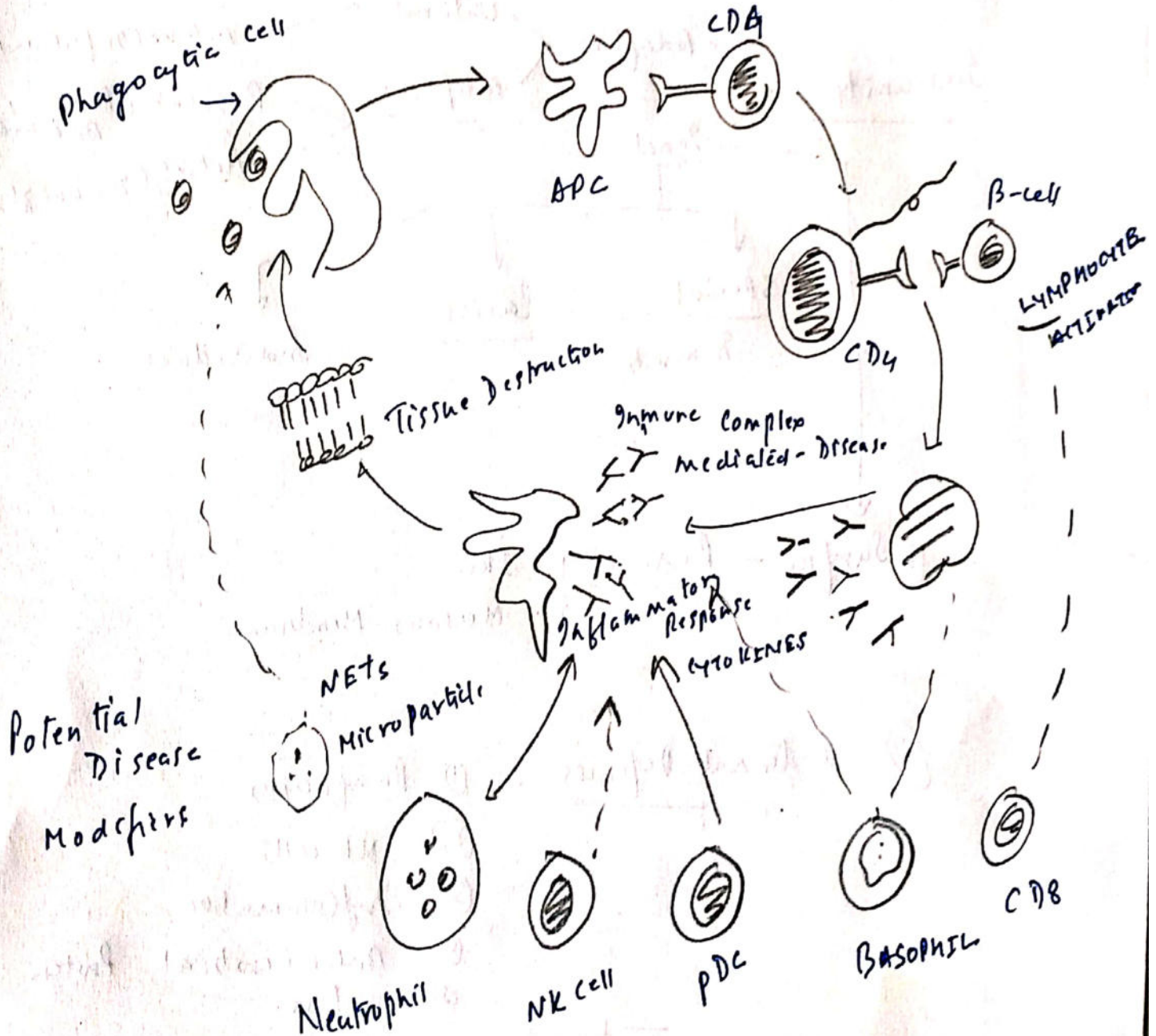
# IMMUNOLOGY

o study of immune system

o Important branch of - Medical & Biological science

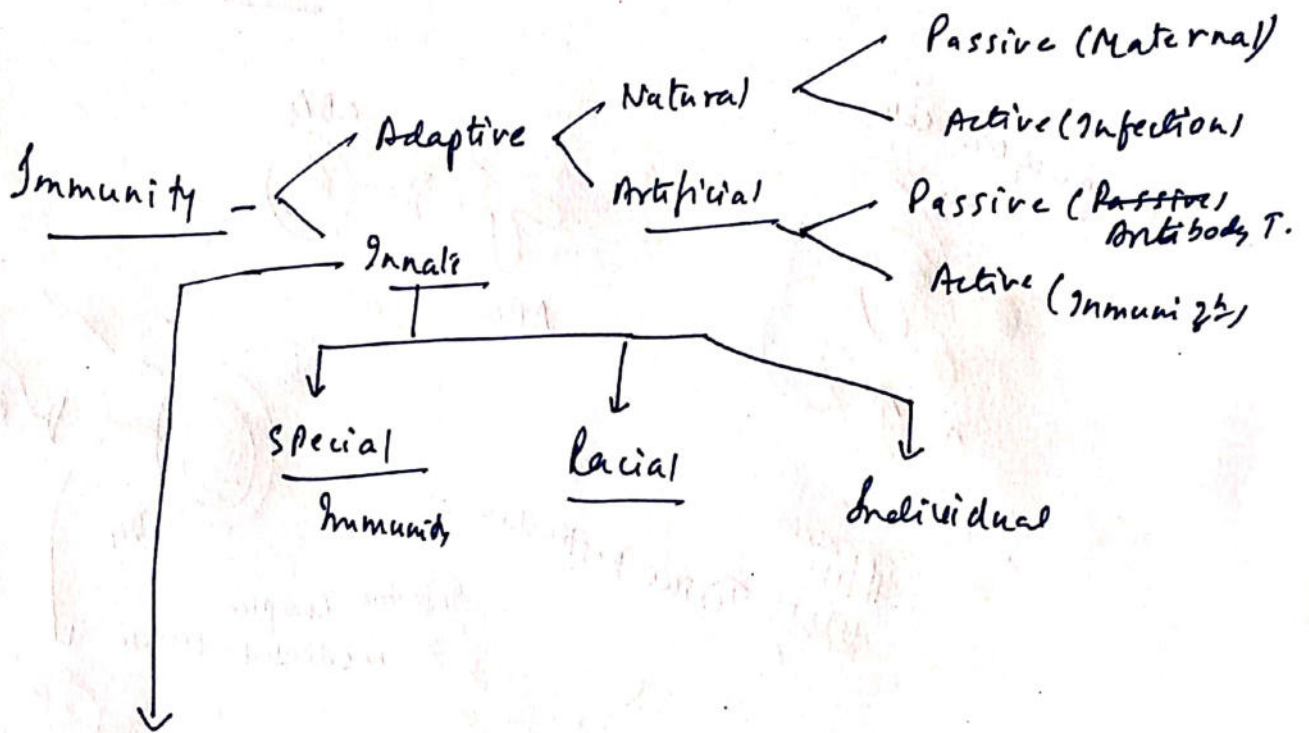
o Protect us - (i) From Infection

(ii) From Disease - Ex- Autoimmunity, Allergy, and Cancer



(2)  
 o Immunology - includes - all physical, chemical, and biological rxn. of the organism against - foreign substance.

o Type - 02 : ① - Innate Immunity  
 ② - Adaptive immunity - (1) Humoral  
 (2) Cell mediated  
So



① Surface - Barrier 1. Skin  
 2. Mucous Membrane.

② Internal Defences - ① Phagocytes  
 ② NK cells  
 ③ Inflammation  
 ④ Antimicrobial Proteins  
 ⑤ Febr.

Next - Acquired Immunity