



4. a) i) Give the origin of antiamoebic drugs. 8  
ii) Explain drugs used in cestode infection and trematode infection.  
b) Explain synthesis of phenyl butazone and its derivatives. Give their medicinal importance. 8

**OR**

- c) Explain anthelmintics of Helminthiasis. 4  
d) Explain etiology of inflammatory diseases. 4  
e) Explain drugs used in nematode infection. 4  
f) Write a short note on Pyrazolone derivatives. 4
5. a) Differentiate between partition and adsorption TLC techniques. 2  
b) Elaborate HPLC and LCMS meaning. 2  
c) What is T-test? 2  
d) Explain chemotherapy for HIV. 2  
e) Define SAR. 2  
f) What are miscellaneous antibiotics. 2  
g) Draw the structure of Haloquinol and indoleacetic acid. 2  
h) Write the structure of Dichlorphen. 2

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