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PAPER III

(Revised Scheme 2)

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Q.P. CODE : 9223

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO) **2 X 20 = 40 Marks**

1. Explain the technique of HPLC. How is it useful in the field of pharmacy?
2. Discuss the instrumentation and procedure involved in Fluorimetry. Which type of compounds can be assayed by this method. Explain how it is more sensitive & selective compare to other spectrometric methods
3. Elaborate on the radiochemical methods of analysis with a suitable example

SHORT ESSAY (Answer any FIVE) **5 X 10 = 50 Marks**

4. Write an account on the determination and significance of C,H and N in organic compounds
5. What is Bratton Marshall reagent? Which type of drugs could be determined by this regent?
6. Describe the principle and procedure involved in the determination of an anabolic steroid and alkoloids
7. Discuss the physiocochemical methods of analysis of antitubercular drugs & antimalarial drugs
8. Discuss the applications of XRD in pharmacy
9. Discuss the assay of digoxin

SHORT NOTES **2 X 5 = 10 Marks**

10. Carr Price reagent
11. Flame photometry

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