

Code No: BP321



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III B.Pharmacy II Semester Regular Examinations, Apr/May 2009
MEDICINAL CHEMISTRY I

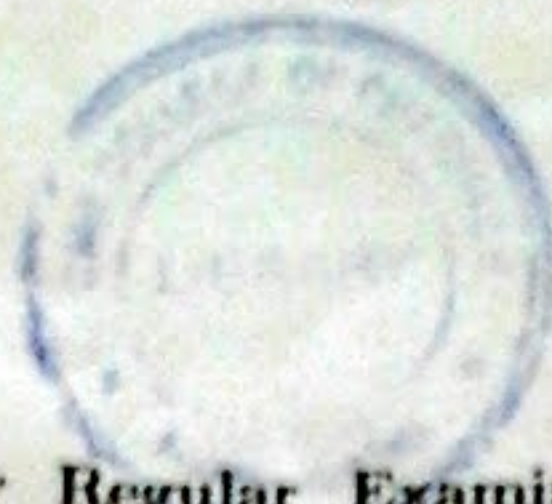
Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about oral and parenteral mode of drug administration? Write any 6 advantages and disadvantages of parenteral and oral mode of drug administration. [16]
2. Discuss about cephalosporin and cephamycins. [16]
3. Write a short note on :
 - (a) Epimerisation
 - (b) Chelation
 - (c) SAR of tetracycline
 - (d) Toxicity.[4+4+4+4]
4. (a) Explain the various sources of aminoglycoside antibiotics. [8+8]
(b) Write synthesis of chloramphenicol
5. Write physiological role and uses of vitamin A . [16]
6. Discuss about the vitamin D and its role in cancer and diabetes. [16]
7. Write note on vitamin A and its dietary sources. [16]
8. (a) Describe the treatment of pernicious anemia. [8+8]
(b) Write an essay of Isonicotinimide.

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FORENSIC PHARMACY

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Give the Constitution and functions of the DTAB. Write a note on the Education Regulations. [16]
2. (a) What is the penalty for a person who falsely claims to be registered? [8+8]
(b) Explain the agreements made between the states.
3. Explain the mode in which Drug Inspectors are appointed and outline their powers. [16]
4. (a) How the arrested persons under this act may be disposed? [4+5+7]
(b) Describe Repeals and savings
(c) Give an overview of the medicinal and toilet preparations act.
5. Explain the powers of the State Government to permit, control and regulate the manufacture of Narcotic drugs under this act? [16]
6. (a) Give a note on pricing of prescription.
(b) What are objectionable Advertisements? How are they controlled?
(c) What procedure is to be followed by a Drugs Inspector when sample is taken from a Chemist's shop? [5+5+6]
7. Explain in details the various prohibited advertisements as per DMR (OA) Act and rules. [16]
8. Explain in details about the salient features of prevention of Cruelty to animal act. [16]



III B.Pharmacy II Semester Regular Examinations, Apr/May 2009
PHARMACEUTICAL TECHNOLOGY II

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Write the role of plasticizer in the capsule formation.
(b) What are different types of bases used in capsule? [8+8]
2. How do you evaluate the standard of microencapsules? [16]
3. write the various processing problems during the manufacture of tablet. [16]
4. (a) Write the steps involved in preparation of coating solution. [8+8]
(b) Write briefly about Fluidized bed coater.
5. Write an essay about the natural rubber as a closure for parenterals. [16]
6. Write down the different sources of contaminations. [16]
7. Write the packaging components involved for lotion and ointments. [16]
8. Write notes on different types of container used in packing of tablets and capsules. [16]
