

End Semester Examinations - 2015-16 Even Semester - May 2016

14BI2036 Drug Discovery and Clinical Trails

Set B

Time : 3 hrs
Total Marks: 100

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1. a. Discuss the various stages in the clinical trials and specify the significance of each stage (15)
b. Write a note on Study designs in a clinical trial.(5)

OR
 2. Define pharmacokinetics? Explain the concept and mechanism of various biological reaction carried out in human body.(20)
 3. a. Write a detail note on drug pharmacodynamics with example.(10)
b. Write an biological mechanism involved in toxic drugs to detoxification process.(10)

OR
 4. a. Explain briefly about present and advanced technology clinical trials.(10)
b. Write a detail note on issues in the field of drug discovery informatics.(10)
 5. a. Roles and responsibilities of auditors in clinical research (10)
b. Define serious adverse event in clinical trial and responsibilities of investigators in reporting (10)

OR
 6. Define sample size? Write a note on determination of sample size estimation in advanced clinical trials.(20)
 7. a. Define health care technology and write some clinical application. (10)
b. Explain briefly about legal and ethical implication of health care technology.(10)

OR
 8. Detail the role of health care technologies in following
a. Clinical decision making.(5)
b. Quality improvement. (5)
c. Patient education. (5)
d. Practice management. (5)
 9. Briefly describe the drug discovery and development methods are followed in pharmaceutical industries. (20)
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Wishing you All the Best
