

Pharmacology FACEM Part 1 April 2005

1. Which has a half life of 6 hours – Atenolol
2. Propranolol
3. Inducers and Inhibitors 2 Questions. Esp rifampin
4. Question on Metoclopramide
5. Formation of toxic metabolite of Paracetamol via – phase 1
6. A question on NAC
7. A question on Levodopa
8. Fludrocortisone – oral only. Pick incorrect. I cant rem other options.
9. NO - MAC
10. Allopurinol – xanthine oxidase
11. 2 questions on Lignocaine
12. Prilocaine – methemoglobinemia
13. Sulphur dioxide - toxicity
14. Suxamethonium and relation to heart rate + what can antagonise it if can
15. thiopentone – options causes thrombosis, less fat soluble etc
16. Therapeutic index – needs LD50. Apparently it comes out quite often too. And I think I got it wrong yet again
17. Lithium
18. Ipratropium bromide – potent within 10 mins to 4 hours. Something like that
19. Beta blockers – if given topically – toxicity ?
20. Which occurs in phase III trial – placebo effect overridden and large group but less than 1000. Options were more than 10000 people. Another famous question.
21. Cephalosporins
22. Tetracycline
23. Acyclovir
24. Kinetics of Phenytoin
25. Heparin
26. I think a question on Flagyl came out
27. AZT
28. Amantadine – for influenza A
29. Lead – I cant rem if it came out in Path or Pharm
30. Volume of distribution
31. Something on charcoal and Extract of Ipecac
32. Salicylate poisoning – features
33. ACE I toxic effect – renal damage
34. Increase body fat in geris – Probably from Table 61-1 – Page 1008
35. Question from Table 63-1 , Page 1037
36. Sucralfate – Pro drug
37. Question on Handerson Hasselbalch equation – Page 7. A must memo question
38. Table 1-2 – which one is a weak acid.
39. Physiological antagonist
40. Insulin doesn't trigger cAMP
41. Loading dose

42. Extraction ratio
43. Warfarin inhibited by ?
44. Question on Eye – I put down option on B Blockers for decreasing aqueous humour
45. Beta blockers and Ca channel blockers should not be given together was the answer I chose for question I dun rem.
46. Methylopa – positive coombs **hydralazine > sle like**
47. Agent with both alpha and beta blocking properties. I think Labetalol
48. ACE I – captopril fastest acting 2 hours
49. Longest acting Nitrates – Isosorbide mononitrate
50. I am pretty sure a question came out from Table 12-2. I just can't remember the phrasing
51. Ca channel blockers
52. Amiodarone
53. Which drug works in which part of the tubules – diuretics
54. Adverse effects of diuretics – different options such as furosemide causes hyperkalaemic metabolic acidosis, hypokalaemic metabolic alkalosis etc, causes hypercalcaemia
55. Carbamazepine – cyclic structure, is a benzo, barbiturates etc
56. Benzos need gamma unit on GABA. I can't remember if this question came out or not, but it seems very familiar in the text
57. Benzo – something about the sleep, increases or decreases REM
58. Ketamine doesn't work as other anaesthetics. It affects NMDA receptors or ?
59. Pancuronium causes tachy. One option. Question ?
60. Question on Antidepressants which I can't remember. I think it came out from Table 30-5. Page 493
61. One option – Methadone not phenylpiperidines.
62. In thyroid – options were iodide, radioactive iodine, PTU.

No question on cisapride or histamine came out as far as I remember.

Question on oral diabetic agents came out which I did not know.

Trick to this exam – Learn all the tables. Probably will pass with that.