

Biochemistry Unit 4 Review [Answer Strip]

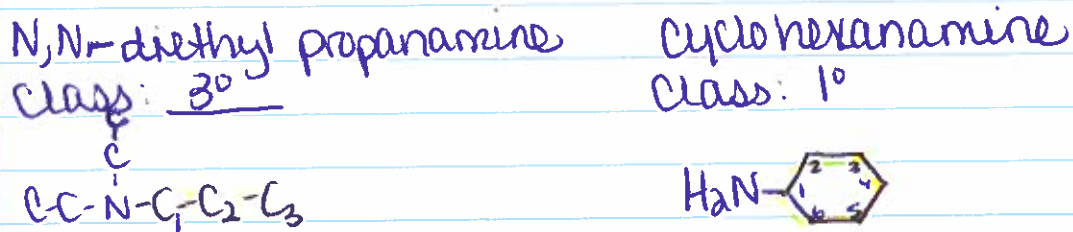
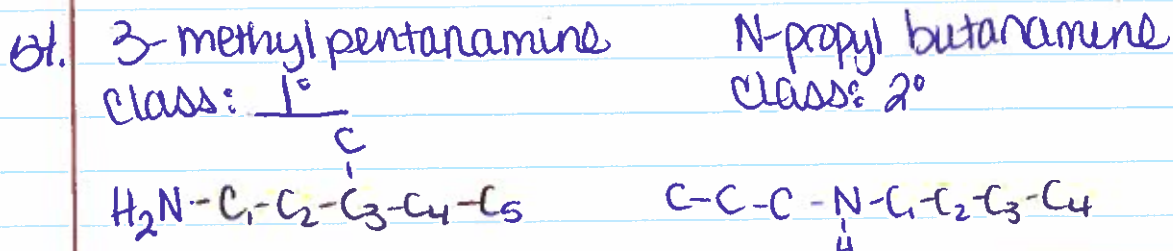
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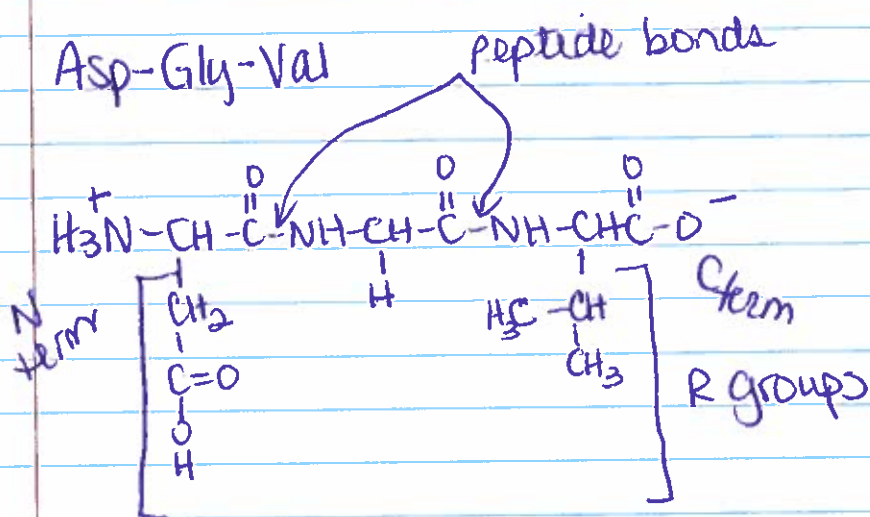
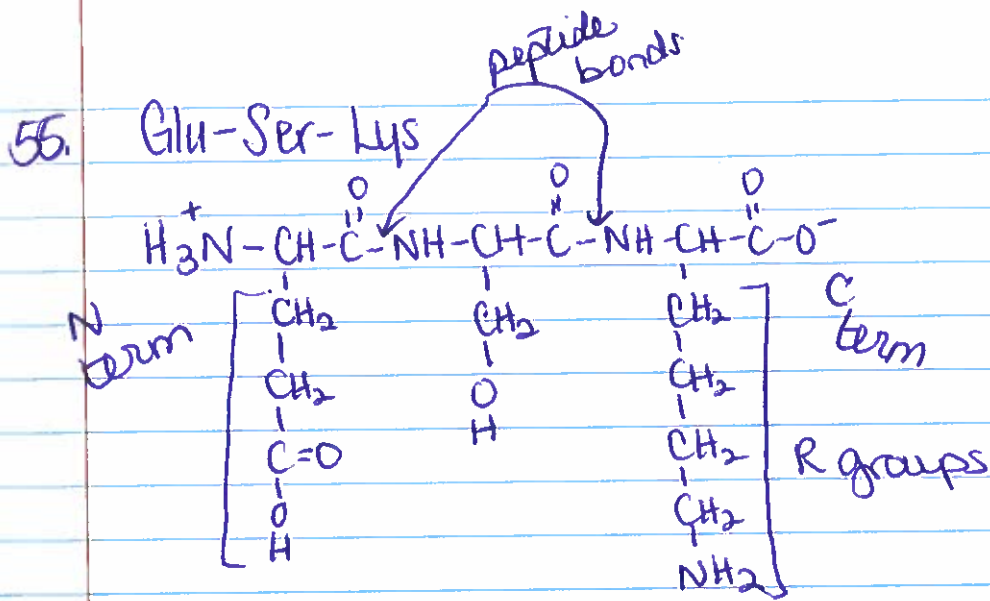
- B 11. A ~~E~~ 25. A 36. D 46.
actin is globular or fibrous
- C 1. C 12. A 27. D 47.
A 2. B 26. B 28. A 48.
- B 3. D 13. D 29. D 37. C 49.
- B 4. B 30. C 31. C 38. A 50.
- B 5. C 14. B 32. D 39.
- B 6. * A 16. B 40. C 41.
- N-2°*
N,N-3° D 17. D 33. C 42.
- B 7. B 18. C 34. C 43.
- A 8. D 19. C 34. C 44.
- D 9. B 20. A 35. B 45.
- C 10. A 21. C 44.
- C 24.

51. a) Polar
 c) NonPolar
 e) aromatic
 basic
 polar
 non-polar
 ambivalent
- b) aliphatic
 d) thiol (sulfur containing)
 f) acidic
 hydrophilic
 hydrophobic
 charged
 uncharged (neutral)

52. a) Catalysis
 c) transport
 e) structure
 g) regulation
- b) immunity/defense
 d) storage
 f) contractile movement
 h) nutrition

- | | <u>type</u> | <u>where found (in 3° structure)</u> |
|--------|-------------|--------------------------------------|
| 53. a) | thiols | disulfide bonds |
| b) | acid-base | Salt bridges |
| c) | hydrophobic | inside |
| d) | hydrophilic | outside |





Terms to know:

Heterocyclic
alkaloid
neutrophile
zwitterion

amphoteric
amphoprotic
denature
Chaperone

Denaturing substances/Methods:

- Heat
- Acids & Bases
- Salts (often can be reversed)
- Detergents

- Heavy Metal Salt
- Alcohol
- reducing Agents

} Rock band
on tour