

Name:
Due Date:
Mrs. Brunson
Biology I

Biology Study Guide Chapter 7 Bob Jones

1. Explain why the ideas of randomness and order are not good explanations for creation.
(from notes)

2. Why should Christians be informed on evolutionary theories? (169)

3. List and describe the three major divisions of the theory of evolution. (170)

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4. List three results of believing in the philosophy of evolution. (171)

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5. Why is theistic evolution not acceptable to Bible-believing Christians? (172)

6. List at least two reasons for believing in: (a) the short-day theory and (b) the long-day theory. (174)

Short-day

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Long-day

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7. List at least three arguments for and three arguments against the gap theory. (176)

For

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Against

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8. Describe the canopy theory and give several reasons it is considered a Scripturally and scientifically acceptable theory. (175-7)

9. List at least five methods of fossilization. (178)

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10. List seven Biblically based reasons why we believe the Flood was universal. (180)

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11. Why is the deluge fossil formation theory the most scientifically acceptable theory for fossilization? (180-1, 184)

12. Compare the size of Noah's ark to size of three familiar objects. (182-3)

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13. Explain the significance of the Nampa image, and other human artifacts found in low fossil layers. (184)

14. On what did Ussher base his 4004 B.C. date of creation? (184-5)

15. On what do evolutionists base their 4.5 billion-year-old earth theory? (185)

16. Why is unacceptable for scientist to use fossils to date fossils? (186)

17. How do most Bible-believing Christians account for some of the topographic features that evolutions attribute to glaciation? (186)

18. List at least two reasons why dating the earth by decay or buildup methods can be unreliable. (188)

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19. What four assumptions must one make when using the radiocarbon dating method? (190)

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7C Theories of Biological Evolution

20. Define the following: (192-3)
phylogenetic tree –

common ancestor –

missing link –

21. Explain the three tenants of Lamarck's theory of evolution (193)

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22. Explain why Lamarck's theory cannot be true. (194-5)

23. Described Darwin's theory of natural selection. (195-97)

24. Explain why natural selection is not evolution. (197-8)

25. Discuss the problems with Darwin's theory of natural selection as the force behind evolution. (197-8)

26. Explain DeVries's Neo-Darwin (mutation-selection) theory of evolution. (198-99)

27. Explain why mutation selection (rat to bat) evolution does not make sense. (199-201)

28. What problems exist with the anthropological data usually supplied by scientist trying to prove the evolution of man from apes? (199-201)

29. Explain the problem or fallacy with each of the following: (203-205)

"gills and tails" -

Ontogeny recapitulates phylogeny –

Theory of recapitulation –

Vestigial organs –

Homologous structures –

30. Explain the theory of punctuated equilibrium. (206-7)

31. Explain intelligent design. (class)