



American University of Beirut
Historical Geology (Geol. 202)
Final Exam



25 June 1999

Student's name: _____

Part I

Choose the best answer (16 pts)

1. Amoebas, flagellates and ciliates are part of:
 - a) Dinoflagellates
 - b) Diatoms
 - c) Radiolarians
 - d) Protists

2. Ferns reproduce by means of:
 - a) Fungi
 - b) Spores
 - c) Cnidarians
 - d) Pollens

3. Angiosperms are:
 - a) "Naked seed" plants
 - b) Flowering plants
 - c) Cone-bearing plants
 - d) Seedless vascular plants

4. All of the major landmasses were united as the super-continent Pangea
 - a) During the Middle Paleozoic
 - b) At the end of the Mesozoic Era
 - c) At the start of the Mesozoic Era
 - d) At the present time (today)

Part II.

Answer 4 of the following 8 questions (84 pts):

1. Review the phylum chordates: their characteristics, primitive chordates, and vertebrates - fishes, amphibians, reptiles, dinosaurs, and birds - (21 pts)
2. Review the luxuriant reefs of the Middle Paleozoic - with a graph illustrating the ecologic succession of a typical Devonian reef - (21 pts)
3. Review the land invasion of plants during the Middle Paleozoic (21 pts)
4. Review the jawless fishes, the fishes with jaws, and the fishes with lungs during the Middle Paleozoic - (21 pts)
5. Review the Late Permian extinction events (21 pts)
6. Review the pelagic life of the Early Mesozoic Era (21 pts)
7. Review the terrestrial animals of the Early Mesozoic Era: a- early mammals, b- dinosaur origins, c- fall of Therapsids and rise of dinosaurs, d- frogs and turtles, and e- the creatures that took the air (21 pts)
8. Review the evidences and discuss the consequences of an asteroid impact at the end of the Mesozoic Era (21 pts)

