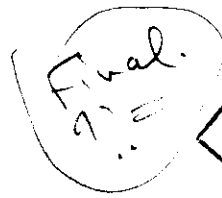




MICROFOSSILS

(G-317)



Name: _____

Student No. _____

Time: From 3:00 to 5:00 p.m.

Date: June 30, 1998

Answer ALL questions. Be clear and concise, and sketch wherever enhancement to an answer is required.

1. Explain how much the expansion rate and chamber shape are closely linked.
2. On the basis of the morphological features distinguish the genera in each pair of the following:

- | | |
|-----------------------------------|--|
| a) Oolina and Fissurina | b) Dentalina and Lent. (Vaginulina) |
| c) Cyclogyra and Ammodiscus | d) Textularia and Spiroplectammina |
| e) Globorotalia and Globotruncana | f) Bulimina and Uvigerina |
| g) Nonion and Astrononion | h) Globigerina and Rugoglobigerina |
| i) Sorites and Archias | j) Asterigerina and Nonion |
| k) Oolina and Legena | l) Frondicularia and Neoflabellina |
| m) Nonion and Elphidium | n) Globigerina and Globigerinoides |
| o) Dentalina and Nodosaria | p) Bolivina and Bolivinoides |
| q) Cibicides and Eponides | r) Lenticulina (Lenticulina) and Lenticulina (Robulus) |
| s) Peneroplis and Dendretina | t) Quinqueloculina, Triloculina and Spiroloculina |



3. Discuss the various effects of sea depth on the foraminifera.
4. Classify the order Foraminiferida into suborders, on the basis of composition of shell and wall structure. Give at least one generic name as an example for each sub-order.
5. What is the effect of the various substrata on the form of the test.

GOOD LUCK