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Quiz-5

Geol-101: **Physical Geology**
 (“EARTH REVEALED” Telecourse:
 Course #7695) Spring 2006

May 30, 2006

Dear “Earth Revealed” student:

Trust you have enjoying watching the episodes and reading the book and the handouts that were provided and are getting ready for Test-5 and, finally, the Final Exam. Here is the Quiz that you have been waiting for. It is due back on June 2 when we will have our 6th and final class meeting (6-9 PM: CS-266), the 5th Class-Test (optional if you have already taken four of them, are satisfied with what you have received so far, and are confident enough of your essay-writing skills and command over the subject to be sure of doing superbly in the final), and the final examination. While Test-5 will be of the same format as the other tests before, the final exam is comprehensive (i.e., based on the entire book, all the videos and all the handouts). It will comprise your writing (a) one 150-300 word essay-type answer from a choice of 5-6 questions that you will be given and (b) two short-notes, of the type that you have been already answering, from another choice of 5-6 questions. I plan to use the “short notes” in your tests so far as part of the question bank for these ‘essay’ and ‘short notes’ questions, and will try to have them available online, by tonight or tomorrow, for your convenience.

For questions 1-3, answer the corresponding question-items A-D as contextually relevant “True/False” propositions.

- | | | | | | |
|---|--|--------------------------|------|--------------------------|-------|
| 1. Continental glaciation ... | A. is found in mountainous regions. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | B. exists where a large part of a continent is covered by glacial ice. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | C. is a type of glacier. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | D. is what we find in Greenland and Antarctica. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| 2. Which of these structures would interfere with longshore current and drift? | A. jetties | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | B. groins | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | C. breakwater wall | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| | D. seawall | <input type="checkbox"/> | True | <input type="checkbox"/> | False |



3. **Athabasca oil sands, already in production, and oil shales of Green River Formation together contain more than 500 billion barrels of recoverable oil. With US annual consumption of ~7.5 billion barrels in 2004, how long do you expect these supplies to last?**
- | | | | | |
|--|--------------------------|------|--------------------------|-------|
| A. About 65 years | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| B. At least 50 years | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| C. Can't say, until the technology enables oil production from tar sands and oil shales. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |
| D. Practically forever. | <input type="checkbox"/> | True | <input type="checkbox"/> | False |

Sincerely,



Poorna Pal, MS MBA Ph.D.
 Chair, Geology & Oceanography Program
 and the Class Instructor

