

**GE 449.3 (Section 01)***(Instructors: Richard Burton)***Midterm Examination**

Tuesday, Oct 28, 2008

7:00 – 8:10 PM

Room 2C02, 2C88

Time Allowed: 70 Minutes

Materials allowed: Text, Notes, EGP Act.

No electronic devices allowed in the exam.

**Instructions:**

- For choice questions, including True /False, circle the letter, number or word of the *best* choice. Blanks *may* require a single word, several words or a small phrase to complete, including prepositions or articles. (Note: there is *no penalty* for guessing.)
- Any unqualified references to 'Association', 'member' or 'council' are assumed to be of the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGGS).
- Any unqualified reference to "engineer(s)" can be assumed to mean Professional Engineer(s). Any reference to the "Act" can be assumed to mean the Engineering and Geoscience Professions Act
- Put your name and student number on the cover page; put *only* your student number on all remaining pages.
- There are 28 questions in total. Weighting for each question is indicated in the left margin (Total marks 143:)
- PLEASE KEEP ALL YOUR ANSWERS SHORT

Name: Craig Bloch-HansenStudent Number: 10147742

(2)

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will done  
 $\frac{124}{136} = 89\%$

- 2 1) The three elements, honesty, reliability, competence, generally are integral parts of the definition of :  
 2 Trust
- 2 2) What kind of a license would a person with a P.Eng from Alberta apply for if she wanted to work on a project in Saskatchewan for 1 month?  
 2 temporary
- 2 3) The member of the Provincial Legislative Assembly who is responsible for the Engineering and Geoscience Professions Act is:  
 2 Minister of Highways
- 4 4) APEGS is self regulated and self administered under the Act.
- 2 5) APEGS is run by volunteers; if these volunteers use due diligence in all procedures, they are protected under the law.
- 2 6) "Divine Command Ethics" can be described as (choose the best):  
 a) Acts are morally right when they follow "the rules"  
 b) Moral obligations arise because people have rights.  
 2 c) Right actions are commanded by God; wrong actions are forbidden by God  
 d) During a declared war, right actions are those that follow orders from a higher command.
- 2 7) Releasing an unregulated toxic substance into the environment is an action which is (choose best one):  
 (a) illegal but ethical  
 (b) illegal but risky  
 2 (c) utilitarian  
 (d) legal but unethical
- 6 8) For professionals, "discretion" has two different meanings. Describe them.  
 2 a) Professional discretion : ensuring that safety has been ~~been~~ considered and accounted for  
 b) Personal discretion : ensuring that they perform up to the code of ethics when viewed as a professional by the public.
- 2 9) Circle the statement(s) below which does (do) NOT describe laws:  
 (a) are generally applied without exception  
 2 (b) provide support when conflicting interests exist  
 (c) define a minimum standard of behaviour acceptable to society  
 (d) are necessary to achieve overall good where responsibility is broadly distributed.  
 (e) are generally broad enough so they can accommodate changes in technology
- 2 10) [ True / False ] If a member uses a design produced by another member without their permission, the grieved member is bound by the APEGS's Code of Ethics and must, once they become aware, report this conduct to the Association, even if they are the only wronged party in this situation and do not wish to report

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