Name

General Instructions

- DO NOT WRITE YOUR NAME ON ANY PAGE EXCEPT THIS ONE!

- You have 75 minutes

- You are permitted to use one 8.5 x 11 sheet of notes, (both sides) which you must turn in with your exam. Put your name on it. You won't get it back, so make a copy before you come to the exam. It *is* permitted for your notes to be a laser print or photocopy.

- **Pace Yourself!!!!!**

  Pay attention to the point values. When there are 10 minutes left, skim through and be sure you have at least written *something* for the questions that are worth many points.

- Read *all* the directions *carefully* on each problem.

1. (10 pts) Explain the role of HTML vs. the role of HTTP. (It is helpful, but not sufficient to tell me what the letters stand for. What I really need to see is the role that each one plays in a web application.)

   [HF, p. 6]

2. (10 pts) An HTTP request stream includes exactly one "HTTP Method". List at least two HTTP methods, and briefly describe the circumstances under which each might be used.

   [HF p. 10-19, p. 108-111]

3. **(15 pts)** For each of the following, circle GET, POST or both, and then *explain your answer.*

[HF 13-19, 108-118]

GET   POST   A user is submitting a username and password

GET   POST   A user submits a course number and semester (e.g. Fall 2005) to see how many open seats are in a class.

GET   POST   A user submits a text box containing their comments about their hotel stay. The box has room for about 10 lines of text.

4. (10 pts) Write a brief web page that illustrates the proper use of the following tags. The web page should include an input fields for "name" and "email address", and a submit button. The page should submit a form to a servlet called "addToList.do" using the POST method. Add attributes to the tags as needed. (Before you start, take a look at the following question also.)

[HF p. 7-9, 75, 117-118]

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<body>
<br>
<form>
<head>
<html>
<input>
<p>
<title>
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5. (5 pts) Now draw a picture of how a typical graphical browser (Firefox, IE) might render the web page you just created.

Total Points: 50