Your Name: _____ Your E-mail Address:_____

CS5014: Research Methods in Computer Science

This assignment is designed to acquaint you with the University Libraries, www.lib.vt.edu , and some of its computer science related resources. Please <u>do not hesitate</u> to ask the reference librarians at the 4th floor reference desk for assistance on this assignment. The assignment is worth 50 total points. All questions are two points each, except where noted.

<div align="center">
Larry Thompson
Engineering Librarian
5010 Newman Library
231-8693
</div>

Please submit this assignment electronically to larryt@vt.edu

1. Using Addison, find the title and call number for a book that author Ralph Rowland Young wrote about requirements practices.

   Title:
   Call Number:

2. Look at the full record for the book from question 1. List two subject headings related to Young's book found in the record.

   Subject:
   Subject:

3. What action can you take in Addison if a book you need is checked out to another person?

4. Using Addison, find a book written between 2003 and 2006 (inclusive) *about* Bill Gates (Microsoft), and provide the following information:

   Call number:
   Author:
   Title:

5. Addison contains records of items held in the library. Please indicate the item that would NOT be found in Addison:

   a. book titles
   b. journal titles
   c. journal article titles
   d. video titles
   e. dissertation titles

6. The University Libraries subscribed to the *Annual Review in Automatic Programming*. Explain what happened after volume 19 of this publication, and give the location for volume 20.

7. If the University Libraries does not own the item you are looking for, how does the library obtain it for you from another library?

   Acquire via:
   URL for this service:

8. Where would you go online to find information about an item that was placed on RESERVE in the library?

   URL:

9. The University Libraries has subject guides accessible from the library home page. What is the URL for the Computer Science Subject Page?

   URL:

10. Give the following information for the article in volume 22, issue 10, pages 987 – 994 in the journal *Computers & Operations Research*:

    Article title:
    Authors:

11. (5 points) Go to the Web of Science, Science Citation Index database, do a cited reference search and list one work that **cites** author B. McBride's article in *IEEE Internet Computing*.

    Title of the article that cites McBride's article:
    Journal that contains the citing article:
    Volume of the journal:
    Page range of the citing article:
    Year of publication of citing article:

12. How far back in time does the backfile of the VT subscription to the ISI Web of Science extend?

13. IEEE Xplore contains full text online. What publishers are included in this resource, and what are the dates of coverage?

14. (5 points) Within the IEEE Xplore site, find a 2003 article by author T. Foss, about a simulation study. Give the following info:

    Article title:
    Journal title:
    Volume:
    Issue:
    Pages where it is found in the print journal:

15. For the article in question #14, look at the references as given in the AbstractPlus and in the PDF. What feature do the references in the AbstractPlus have that the references in the PDF do not have?

16. Go to the ACM Digital Library site. What is the oldest <u>journal</u> included in the site? When was it first published?

17. (6 points) Within the ACM Digital Library find an article by author Agre about P2P. Give the following info:

    Article title:
    Journal title:
    Volume:
    Issue:
    Year:
    Pages where it is found in the print journal:

18. (3 points) Using the "find a database by title" search box on the library homepage, go to the Inspec database through Engineering Village. Use Inspec to find articles that contain <u>both</u> of the following topic ideas – "medical information systems" and "security of data".

    Looking at the results retrieved from the Inspec database, who are the two most prolific authors writing on the topic of security of data in medical information systems? Include a <u>screen shot</u> (Alt – Print Screen) of the Engineering Village search page which shows this.

19. (3 points) Do another search in INSPEC through Engineering Village, this time on "medical information systems" and "data privacy".

    From the results of this search, select one article, retrieve the **<u>detailed record</u>** for the article from Inspec, and paste the record into the homework document you send in. You can do this by copying the record directly from the Engineering Village site and pasting into the homework. (If you want a cleaner copy of the detailed record, you can e-mail the record to yourself and then copy and paste out of the e-mail. Either way is fine.)

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    IMPORTANT – Please contact me if you have questions about how to do the assignment. E-mail is best but you can also stop by my office or give me a call.

                                                                    Larry Thompson