

Palestine Technical University- Kadoorie

Course's Name: Methods of Scientific Research  
Course's Number: 15050411  
Exam's Period: 90 min  
Questions' Number: 5  
Total Mark: : 60  
Pages' Number: 3



Student's Name:.....  
Student's Number:.....  
Instructor's Name: .....  
Section's Number:.....  
Exam's Date: 27/12/2015

**Final Exam**  
**First semester 2015/2016**

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**(I) Determine whether the following statements are true (T) or false (F):**  
**(12 points)**

1. Research is information gathering.
2. Periodicals are example of primary sources.
3. All periodicals are published by Chemical and Scientific Societies.
4. Elsevier is a private publishing company
5. Patents are secondary sources.
6. Research problem usually is the hardest part of the research
7. Case study is an example of research methodology.
8. Text books are example of secondary sources.
9. Referencing is important to avoid plagiarism.
10. Usually, audience remember the middle of your presentation the most
- 11 Having too many effects in your presentation looks good
- 12 After giving a presentation, audience will remember your beginning and ending most

**(II) Give an example of the following:**

**(10 points)**

1. Journal that is published by a society.
2. Private companies and publishing centers (Commercial Publications).
3. Current Abstracting Journals.
4. Chemical dictionary
5. One of top ten current chemistry journals

**(III) Circle the best answer:**

**(10 points)**

- (1) Dissertations are
  - (a) A comprehensive presentation of broad area of chemistry.
  - (b) Books of comprehensive discussions of contemporary knowledge in a limited field.
  - (c) Contain complete reports of the research work that are done for advanced academic degree.
  - (d) The paper of conference may be published in a separate volume rather than journals.
- (2) Aldrichimica Acta is an example on periodical published by
  - (a) Chemical and scientific societies
  - (b) Private companies
  - (c) universities
  - (d) Private industries
- (3) ----- enables readers to see the relationship of a number of written works to each other and in the context of the topic studied
  - (a) Abstract
  - (b) Bibliography
  - (c) Annotated bibliography
  - (d) Reference
- (4) The goal of your presentation should be
  - (a) Transmit knowledge, your message, to your audience
  - (b) Getting approval
  - (c) Dominate your audience
  - (d) Stay safe

- (5) Which of the following represent a research method
- (a) Case study
  - (b) Survey-questionnaire
  - (c) Evaluation, assessment, testing
  - (d) All of the above

**(IV) Present research process in diagram (flow chart) showing all steps of research process? (8 points)**

**GOOD LUCK**