Q1. Your Information

First Name
Last Name
Email address

Q20.

The Assignment is due by 11:59 PM on Friday, September 21, 2018

The Assignment will be graded and the grade will be included in your total grade for the course. There are 8 questions (Q3-Q10) that will be graded. Each correctly answered question gets three points. The maximum number of points for this assignment is 24.

After submitting the assignment, you will receive an email confirming the submission and showing your answers. You can stop working on the assignment and submit it later, but you have to use the SAME DEVICE (laptop or computer) AND BROWSER on which you have started working on it.

On the LibGuide course page, you can access all databases and the handouts.

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Q2.
Which of the following actions are considered unethical in scientific research and publishing (check any relevant answer)? For more details, consult the following article:


☐ Completely or partially copying text without acknowledging the primary source
☐ Borrowing ideas and fragments of text without quotation
☐ Self-plagiarism (re-using text included in another of your publications)
☐ Data or image fabrication, falsification, or manipulation
☐ Making up, changing, or omitting data
☐ All of the above

Q3.
After performing a search, which of the following actions will reduce the number of results (select all that applies)?

☐ Select publication years
☐ Add additional key words
☐ Select a particular document type (e.g., review)
☐ All of the above

Q4.
Which of the following actions will allow you to retrieve more results?

☐ Using specific terms
☐ Using broader terms
☐ Using more key words
Q5.
Which of the sections listed below is/are missing from a review article?

- Introduction
- Abstract
- Materials & Methods/Experimental
- References
- Tables

Q6.
Which of the following items should not be included in the Abstract of a research paper? (Read carefully all options before selecting the answer).

- References/Cited literature
- Tables
- All of the above

Q8.
Perform a search in PubMed on aspirin cancer prevention. Refine the search to publication years 2010-2016 (Hint: Use Custom Options). Limit search results to reviews. How many review articles were published during this time period?

- 185
- 266
- 214
- 304
- None of the above
Q9. Perform a search in Google Scholar and find an article with this title: “Reevaluation of the pathways for the biosynthesis of polyunsaturated fatty acids,” published in 1995. This article was

- review article
- research article
- editorial

Q10. In PubChem, search for property information for cholesterol. Which of the following numbers corresponds to the melting point (in degrees Celsius) of this compound? (Hint: Select the first compound after performing the search on cholesterol; click on “Chemical and Physical Properties;” and find the value for the melting point under “Experimental properties”)

- 159.6
- 148.5
- 173.2
- 128.5

Q11. In The Merck Index, search for properties of aspirin. Under “Properties,” find the solubility of aspirin in water. How many milliliters of water are needed to dissolve 1 gram of aspirin at 25 degrees Celsius?

- 250
- 300
- 180
- 240
Q19. Finding properties of chemical compounds in the CRC Handbook of Chemistry and Physics

Which of the numbers listed below corresponds to the molar enthalpy of a solution of Potassium Bromide (KBr) at 25 degrees Celsius, expressed in kJmol⁻¹?

- 18.67
- 26.30
- 19.87

Q12.
Did you find this instruction and the assignment useful?

- Yes, I have learned new things.
- No, I was already familiar with this information.

Q13.
What did you like or dislike about this instruction and the assignment? How could we make it more useful to you? This is the last question. Clicking on the red arrow will submit the assignment.