1. In the medical field, it is quite common to administer intramuscular (IM) injections.  Why is an IM preferred over an injection directly into the circulation?  What muscles are best suited as sites for IM injections?
2. How does the nicotine in cigarettes initiate the process of facilitation and ultimately trigger action potentials?  How does it lead to addiction?
3. What is spinal meningitis?  What causes this condition and how does it ultimately affect the victim?
4. How can a blockage of CSF in an arachnoid granulation cause irreversible brain damage?  What types of treatments can help prevent that damage?

**Please note that every part of the questions must be answered**

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| **Item** | **Points/Points Possible** |
| Rubric stapled on top | /5 |
| Proper formatting (12-pt. Times New Roman, double spaced, single-sided with 1” margins on all sides; cover page) | /5 |
| Paper is proof-read and uses complete sentences, paragraphs, punctuation, etc. | /5 |
| Proper use of citations (using APA style, with in-text citations and works cited list attached to back of paper)  \*please note: automatic deduction of 100 points (i.e. all points) if no citations are used.  Any question response that features uncited information will receive zero points. | /10 |
| Paper answers each of the questions included in the case study succinctly and accurately (please find specific notes from your instructor on your paper) \*note that no points will be awarded for any response to a question that lacks a citation | /75 |
| **TOTAL** | **/100** |