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2nd year UG Computing Science	1H	Answer Sheet Model

The software requirements are description of features and functionalities of the target system. Requirements convey the expectations of users from the software product. The requirements can be obvious or hidden, known or unknown, expected or unexpected from client's point of view. There are two important things can be noted either requirement engineering or requirement engineering process. The goal of requirement engineering is to develop and maintain sophisticated and descriptive 'System Requirements Specification' document. The requirement engineering process has four steps: Feasibility Study, Requirement Gathering, Software RequirementSpecification and Software Requirement Validation. Here we will only talk about « Feasibility Study ».

Feasibility study: When the client approaches the organization for getting the desired product developed, it comes up with rough idea about what all functions the software must perform and which all features are expected from the software. Referencing to this information, the analysts does a detailed study about whether the desired system and its functionality are feasible to develop.

This feasibility study is focused towards goal of the organization. This study analyzes whether the software product can be practically materialized in terms of implementation, contribution of project to organization, cost constraints and as per values and objectives of the organization. It explores technical aspects of the project and product such as usability, maintainability, productivity and integration ability. The output of this phase should be a feasibility study report that should contain adequate comments and recommendations for management about whether or not the project should be undertaken.

I-Reading Comprehension

1. **Give the title for this text? (2 pts)**

   Software requirements, The software requirements.

2. **a-How many paragraphs in the text? (1 pt)**

   3 paragraphs

b- Give the topic sentence of paragraph 1? (2 pts)

1st sentence:" The software requirements ……………… from the software product."

3. **Give the opposite and synonym of the following words (4 pts)**

shown≠   hidden   inappropriate≠ adequate

The need= The requirement   collecting   = gathering

II-   Mastery of language

1. **Complete the sentences with the correct words: (6 pts)**

Choose the best answer, A, B, C or D. The first one is an example.

0 I   **C**   feel very well yesterday.

A am not   B don't   C didn't   D wasn't

1 My cousin **C**   his leg last Saturday.

A break   B breaks   C broke   D broken

2 I   **D**   you since 2013.

 A didn't see   B won't see   C don't see   D haven't seen

 3 Joe and I   **B**   attractive match on TV.

 A watch   B are watching   C were watching   D watched

4 Marie-Claude isn't a Canadian. I   **A**   she comes from France.

A believe   B am believing   C believed   D will believe

 5 I   **D**   here for a week. I came here a week ago.

A am   B was   C will be   D have been

2. **Give the correct answer: (4pts)**

1- The first computer   ***a***   in the 1940's.
a   is invented   b was invented   c will be invented

2–The tiger would be kept in the zoo.   ***a***   .
a–Conditional Simple   b- Present progressive   c- Simple present

3–the classrooms / to use*(Past Perfect)*
The classrooms had been used.

4–Astronauts / to send to the moon *(will-future)*
Astronauts will be sent to the moon.

NB: +1pt for everybody