***Larbi Ben Mhidi University Name ……………***

***Faculty of Science and Applied Science :Department of Biology : Microbiology Duration 90M***

**First Semester Examination**

**Task one :** fill in with the correct term

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Clues

1. The vast majority of scientific journals follow the so-called format
2. Summary of these main sections,or the full paper
3. All what is known previosly about the subject area Background describing what is known on the subject
4. It remains unknown whether. . . To date, it has not been proven. . .
5. Section tells the reader what experiments were done to answer the question stated in the Introduction.
6. Provide a list of goals that will be achieved through the proposed research – What are the benefits/impact
7. All factual material that is not original with you must be accompanied by a clue to its source.
8. Tens used To formulate your objective
9. The last part of methods should be …….
10. section is to describe what you observed, without commentary or explanation
11. where you interpret and explain the significance of your findings , and how they fit into the wider picture of what has already been observed and reported on the same topic.

**Task two**: Compare and contrast the reading techniques you know

Snanning vs Skimming vs SQ3R

All relevant answers are accepted

**Task three** : translate the following

Microbiology is a field of study that focuses on microorganisms such as bacteria, viruses, fungi, and unicellular eukaryotes, and their interactions with humans, plants, animals, and the environment. The courses in the major cover the basic science of microbial life, human/animal interactions with microbial life (including both disease and symbiosis), and how microbes are (or could be) used for our benefit. Microbiology majors can prepare for a variety of careers in the fields of microbiology, virology, molecular biology, biotechnology, and health-related professions, for graduate studies in medical microbiology, industrial microbiology, environmental microbiology, microbial biotechnology, and molecular biology, and for professional studies in pharmacy, dentistry, and medicine.

علم الأحياء الدقيقة هو مجال دراسة يركز على الكائنات الحية الدقيقة مثل البكتيريا والفيروسات والفطريات وحقيقيات النوى وحيدة الخلية وتفاعلاتها مع البشر والنباتات والحيوانات والبيئة. تغطي الدورات في التخصص العلوم الأساسية للحياة الميكروبية، والتفاعلات بين الإنسان والحيوان مع الحياة الميكروبية (بما في ذلك كل من المرض والتعايش)، وكيفية استخدام الميكروبات (أو يمكن) استخدامها لمصلحتنا. يمكن لتخصصات علم الأحياء الدقيقة الاستعداد لمجموعة متنوعة من المهن في مجالات علم الأحياء الدقيقة وعلم الفيروسات والبيولوجيا الجزيئية والتكنولوجيا الحيوية والمهن المتعلقة بالصحة، للدراسات العليا في علم الأحياء الدقيقة الطبي، وعلم الأحياء الدقيقة الصناعية، وعلم الأحياء الدقيقة البيئي، والتكنولوجيا الحيوية الميكروبية، والبيولوجيا الجزيئية، والدراسات المهنية في الصيدلة وطب الأسنان والطب.

To english

انطفات النيران وخرجت مريم منتصرة تحكي قصتها في كل مكان بالتفصيل الممل ويعلو وجهها إمارات فرح شيطانية عادت إلى الناس وقد داوت جروحها ولكنهم لا يملكون صبر على الاستماع إلى مغامراتها أبد الدهر..

The fires were extinguished and Mariam came out triumphant telling her story everywhere. There was a devilish glee up her face. She was back to the people she knew and she had treated her injuries, but they were too impatient to listen to her adventures forever