

الجمهورية الجزائرية الديمقراطية الشعبية

Ministère de l'Enseignement Supérieur et de la Recherche Scientifique

Université Ibn Khaldoun - Tiaret -

Faculté: Sciences de la Nature et de la Vie

Domaine: Sciences de la Nature et de la Vie

Filère: Ecologie et environnement

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Département d'Ecologie et Environnement et Biotechnologie

MODULE: ANGLAIS

Chargé de module: BOURIAH Nacéra



L3 Biotechnologie Microbienne

Consultation le 25/01/2023 salle des enseignants faculté SNV à 11H

N°	Nom	Prénom	EMD
1	ADDA	FATIMA ZOHRA	19
2	BEDIRINA	BOCHRA	15.5
3	BELKACEMI	IKRAM	16
4	BENAICHOUCHE	Zoubida	11
5	BENCHOHRA	Fatma zohra	12
6	BENELHADJ DJELLOUL	HADIL NOUR HANE	17
7	BOUGHEDDA	NOUARIA	14
8	BOURIAH	AYA	10
9	BOUSSEBAIN	ISMAHANE	18
10	BOUSSEKINE	OUISSAL	10
11	CHEKAKFI	SABRINA IMANE	17
12	CHEREF	ROMAYSSAA	17
13	CHIHEB	NOR EL HOUDA	18
14	CHOTBI	MOUNIA	12
15	GADER	IKRAM	14.5
16	GHAZI	NOURANE HIDAYET ALLAH	19
17	HALLES	FATIMA ZOHRA	18
18	KOUACHI	RADJA	16
19	KOUADRIA	CHERIFA	17
20	MELIANI	BOUCHRA	17.5
21	MESSAOUD	RIHEM	16
22	NAOUI	SABRINE	14.5
23	OMRANE	FATIMA	18.5
24	OTMANE	RACHIDA	15
25	RAHMANI	OUM KELTOUM ROZA	12.5
26	TAIBAOUI	BOUCHRA	16
27	TALBI	ZINEB	11
28	TRARI	ASALA	16.5
29	HAMDI	RANIA	18
30	BOUDERMAS	DJOUMANA	12.5
31	LAIDI	NADJET BOUTHAINA	18

English exam

3rd year Microbial Biotechnology

1. Answer briefly the following questions:

- What is Biotechnology? (2pts)

Biotechnology is the use of living organisms by humans.

United Nations conventions on biological diversity defines biotechnology as “Any technological application that uses biological systems, dead organisms or derivatives to make or modify products or process for specific uses”.

- Explain why biotechnology is important. (1pts)

Biotechnology plays an important role in our everyday lives. It offers a renewable source of food, energy, and even industrial chemicals and keeps us healthy in our contemporary lives through advanced biotech products.

Biotechnology can help address many global problems, such as food security, energy security, climate change, aging society, infectious diseases, etc.

- What are the types of biotechnology?(2pts)

White biotechnology: applies to industrial process. An important example is bioremediation by microbes, where microbes are utilized to clean up toxic or hazardous industrial wastes in the environments.

Red biotechnology: refers to medical applications of biotechnology, such as antibiotics and pharmaceuticals that are based on recombinant DNA technology.

Green biotechnology: refers to agricultural applications, such as production of disease resistant or UV-resistant plants or plants that have superior qualities by means of genetic modification.

Blue biotechnology: applies to marine or aquatic applications, such as restoring or preserving various aquatic species such as blue crabs.

2. Explain how to write a research paper?(5pts)

General structure of a research paper:

* **Title, abstract, keywords:** make them easy for indexing and searching (informative, attractive, effective).

* **Main text (follows the IMRAD format):**

- **Introduction:** what did you or others do? Why did you do?
- **Methods:** how did you do it?
- **Results:** what did you find?
- **Discussions:** what does it all mean?
- **Conclusion**
- **Acknowledgements**
- **References**

3. Describe How To Improve Your Speaking Skills?(5pts)

Speaking skills (oral presentation):

- Be prepared and practice (speech).
- Know your audience (listeners).
- Pay attention to the keep it short and simple principal (shorter messages leave more impression).
- Close your speech in a memorable way.
- Make sure that you have the feedback (answer questions)
- Make the main ideas stand out from supporting ideas or information.

4. Give a short summary about the scientific subject that you have done.(5pts)

BOURIAH Nacéra