



Université Kasdi Merbah Ouargla

Faculté des nouvelles technologies de l'information et de la communication

Département d'informatique et technologie d'information



Module: Méthodologie de travail Scientifique (MTS)

Prof.: Dr. Belal KHALDI

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First/Last Name :

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20

Exam S1

Part 1 Carefully chose the right answer(s) (correct = +1, wrong = -0.5)(8 pt)

1. Building your work upon others' works is not a good act.

☐ True

☒ False

1 pt

2. Plagiarize ideas can be done:

☒ explicit

☒ implicit

1 pt

2. Using another's ideas requires:

☒ citation

☐ permission

1 pt

2. A radio or television program that is recorded is not a document

☐ True

☒ False

1 pt

2. Journals are internationally classified into the classes A, B...

☐ True

☒ False

1 pt

2. Examples of severe errors are :

☒ Technical errors

☐ Typos and grammatical errors

☐ Badly-formulated sentences

1 pt

2. A missing citation is an evidence of plagiarism.

1 pt

☐ True

☒ False

2. Paraphrasing is the most sever act of plagiarism

☐ True

☒ False

1 pt

Part 2 Answer the following questions.....(12 pt)

1. How many formal and informal meetings with the supervisor the student is allocated up to?
How are they planned?

1.5 pt

a) Formal: 5 meetings. The first one set by the supervisor and the remaining four are based on student's requests.

b) Informal: no limit. Based on the supervisor's request /agreement.

2. Usually, an article is passed through a procedure of peer-review. What do we mean by 'Peer'?

1.5 pt

▪ Peer: is a senior researcher that works on the same domain in which the article has been conducted.

3. Researcher must not only 'do science' but also 'create science'. What is the difference between 'do science' and 'create science'?

2 pt

a) Creating science consists in sharing and disseminating the findings via the scientific community in contrast to doing research.

4. Results discussion could either be done explicitly or implicitly. Explain the difference.

a) Explicitly: means devoting a (sub-) section for results analysis separated from results tuning section.

2 pt

b) Implicitly: Results are tuned and analyzed just after within the same section

5. Overlapping words in title with those in keyword list is not recommended, why?

a) Search engines use the words in the title and keyword list to retrieve relevant documents. Overlapping words in these two parts is considered as redundancy and will reduce the appearance possibility (visibility) of the document.

2 pt

6. Mention, with explanation, three **Research Ethics** principles.

- a) **Competence:** Maintain and improve your own professional competence and expertise through lifelong education and learning.
- b) **Confidentiality:** Protect confidential communications, such as papers, personnel records, trade or military secrets, and patient records.
- c) **Respect for Colleagues:** Respect your colleagues and treat them fairly.

3 pt