

People's Democratic Republic of Algeria  
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## Scientific English II – Master Level

### Answer Key / Model Answers

#### Part One: Short Answer Questions (10 pts)

Q1: Plagiarism is the use of others' ideas, words, or results without proper acknowledgment. It includes direct, mosaic, paraphrasing, and self-plagiarism. It can be avoided by proper citation and correct paraphrasing.

Q2: Scientific collaboration involves working with others to produce research. A co-author must contribute intellectually, participate in writing, approve the final version, and respect ethical principles.

Q3: Research methodology in mathematics involves understanding the problem, testing examples, using intuition, constructing rigorous proofs, and presenting results clearly.

Q4: Choosing a journal depends on its scope, impact factor, classification (C, B, A, A+), and ethical considerations such as avoiding predatory journals.

Q5: A good student-supervisor relationship is based on communication, respect, preparation, and autonomy. The student must be active and responsible for their work.

#### Part Two: Multiple Choice Questions (10 pts)

Q6: b) using others' work without proper acknowledgment

Q7: c) contributes intellectually

Q8: c) proven

Q9: c) citations

Q10: c) prepares questions