

Unit 5 - Week 3: How to write a research article

Course outline

How does an NPTEL online course work?

Assignment "0"

Week 1: Introduction to the topic and on types of reasoning

Week 2: Scientific hypothesis and abstract writing

Week 3: How to write a research article

Lecture 9: Title for a Research Paper

Lecture 10: Title and Keywords

Lecture 11: Mileposts for the Article Writing

Lecture 12: Writing the Methods Section

Quiz : Assignment week 3

Feedback For Week 3

Week 3 - Assignment Solution

Week 4: Preparing figures and schematics, and oral communication

Lecture notes

Text Transcripts

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Assignment week 3

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-02-19, 23:59 IST.

1) Which one of the following options is NOT an appropriate advice for writing a good title for a research paper? **1 point**

- Write the title after you've written your paper and abstract
- Keep the title short by including abbreviations
- Include all the essential terms in your paper
- Use keywords that closely relate to the content of your paper

No, the answer is incorrect.
Score: 0

Accepted Answers:
Keep the title short by including abbreviations

2) An effective title of the research article should be: **1 point**

- able to introduce the research work to the fullest extent
- concise and attractive
- convey the main topic of the study
- all of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
all of these

3) Which section of a typical research paper has the highest readership? **1 point**

- Title
- Abstract
- Results
- Discussion

No, the answer is incorrect.
Score: 0

Accepted Answers:
Title

4) Which one of the following options is NOT true with regard to the usage of keywords for research papers? **1 point**

- Keywords help researchers to find relevant papers
- Keywords help search engines locate relevant papers
- Keywords help in indexing papers of similar themes
- Keywords help the reader to open the copyright-protected document

No, the answer is incorrect.
Score: 0

Accepted Answers:
Keywords help the reader to open the copyright-protected document

5) Identify the best suitable option which correctly identifies the "key words" **1 point**

- it helps in identifying an important research article
- it helps in attracting readers
- indexing papers for an easy search
- all of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
indexing papers for an easy search

6) The abstract of a research article, thesis or report is a brief summary of the work consist. The following four options represent a few of the key points for writing a good abstract. Arrange them in a correct order of appearance that might help in arriving at a good abstract. **1 point**

- a. Context
- b. Outcome
- c. Need
- d. Task

- a > b > c > d
- c > a > d > b
- a > c > d > b
- d > c > a > b

No, the answer is incorrect.
Score: 0

Accepted Answers:
a > c > d > b

7) Which one of the following options is an important consideration to draft a good "Materials and Methods" section? **1 point**

- Good experimental design
- Full details of statistical tests performed
- Full details of materials used in the study
- All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

8) Which one of the following options identifies the suggested sequence of writing various sections of the first draft of a research manuscript? **1 point**

- Introduction > Materials and Methods > Results > Discussion
- Discussion > Results > Materials & Methods > Introduction
- Materials & Methods > Results > Introduction > Discussion
- Introduction > Discussion > Materials & Methods > Results

No, the answer is incorrect.
Score: 0

Accepted Answers:
Materials & Methods > Results > Introduction > Discussion

9) Which one of the following options is NOT included while writing the materials and methods section of a scientific research article? **1 point**

- Materials used in the study
- Impact of the research being detailed
- Research protocol used for the study
- Statistical tests used to analyse data

No, the answer is incorrect.
Score: 0

Accepted Answers:
Impact of the research being detailed

10) It often emphasized that the methods section should detail every step of the procedure used. For example, if it is an experimental work, the authors are asked to mention the source of the chemical used and its catalogue number if it was obtained from a commercial source. This to: **1 point**

- Establish that the authors indeed used the chemical
- Replicate the experiment using the same chemical from the same source
- Find which commercial source is a good manufacturer
- Establish that the authors did spend research grant given to them

No, the answer is incorrect.
Score: 0

Accepted Answers:
Replicate the experiment using the same chemical from the same source