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# National Testing Agency

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## Academic and Research Report Writing

<b>Group Number :</b>	1
<b>Group Id :</b>	864351143
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<b>Is this Group for Examiner? :</b>	No

## Academic and Research Report Writing 1

<b>Section Id :</b>	864351569
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50

<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	100
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	864351636
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 86435111991 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

In analyzing a plot, the steps involved are:

1. Interpret, comprehend and draw conclusions
2. Comprehend, interpret and draw conclusions
3. Comprehend, draw conclusions and interpret
4. None of the above

**Options :**

- 86435139609. 1
- 86435139610. 2
- 86435139611. 3
- 86435139612. 4

**Question Number : 2 Question Id : 86435111992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Types of parameters can be of which of the following kinds?

1. Input and output
2. Design and flow
3. Both (1) and (2)
4. None of the above

**Options :**

- 86435139613. 1
- 86435139614. 2
- 86435139615. 3
- 86435139616. 4

**Question Number : 3 Question Id : 86435111993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

In a thesis, the chapter that has the discussion of results, the sub headings are based on different types of \_\_\_\_\_.

- 1. X – Y plots
- 2. Parameters
- 3. Results
- 4. Indices

**Options :**

- 86435139617. 1
- 86435139618. 2
- 86435139619. 3
- 86435139620. 4

**Question Number : 4 Question Id : 86435111994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

In a these, after the conclusions, one has to provide which one of the following in a proper format?

- 1. References
- 2. Contents
- 3. Results
- 4. None of the above

**Options :**

- 86435139621. 1
- 86435139622. 2
- 86435139623. 3
- 86435139624. 4

**Question Number : 5 Question Id : 86435111995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

While writing a thesis, details of the software package used can be put in which one of the following sections?

- 1. Abstract
- 2. Conclusions
- 3. Appendix
- 4. Results and discussion

**Options :**

- 86435139625. 1
- 86435139626. 2
- 86435139627. 3
- 86435139628. 4

**Question Number : 6 Question Id : 86435111996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Acknowledgements are to thank the people who have \_\_\_\_\_ for your work.

- 1. Helped
- 2. Funded
- 3. Guided
- 4. All of the above

**Options :**

- 86435139629. 1
- 86435139630. 2
- 86435139631. 3
- 86435139632. 4

**Question Number : 7 Question Id : 86435111997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Abstract of a thesis and that of a research paper have \_\_\_\_\_ formats.

- 1. Different
- 2. Similar
- 3. Modified
- 4. None of the above

**Options :**

- 86435139633. 1
- 86435139634. 2
- 86435139635. 3
- 86435139636. 4

**Question Number : 8 Question Id : 86435111998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Calibration is the process of checking the \_\_\_\_\_.

- 1. Measured values with a standard of known accuracy
- 2. Input parameters with a standard
- 3. Output parameters with a standard
- 4. None of the above

**Options :**

- 86435139637. 1
- 86435139638. 2

86435139639. 3

86435139640. 4

**Question Number : 9 Question Id : 86435111999 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Studies related to Nuclear or Seismic or Tsunami are done using \_\_\_\_\_.

1. Analytical techniques
2. Experimentation techniques
3. Simulation techniques
4. None of the above

**Options :**

86435139641. 1

86435139642. 2

86435139643. 3

86435139644. 4

**Question Number : 10 Question Id : 86435112000 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

'Uncertainty analysis' is measuring uncertainties in \_\_\_\_\_ that are used to calculate the derived quantity

1. Design parameters
2. Flow parameters
3. Loss parameters
4. Experimentally measured quantities

**Options :**

86435139645. 1

86435139646. 2

86435139647. 3

86435139648. 4

**Question Number : 11 Question Id : 86435112001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Thesis is a \_\_\_\_\_ on a particular subject, especially one that is done for obtaining a higher college or university degree.

1. Description written
2. Short presentation
3. Long piece of paper
4. Long piece of written work

**Options :**

- 86435139649. 1
- 86435139650. 2
- 86435139651. 3
- 86435139652. 4

**Question Number : 12 Question Id : 86435112002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

In a project report or thesis, what do you find after the chapters are presented?

1. Contents
2. List of figures
3. References
4. Nomenclature

**Options :**

- 86435139653. 1
- 86435139654. 2
- 86435139655. 3
- 86435139656. 4

**Question Number : 13 Question Id : 86435112003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

The title of the thesis must mention

1. The type of work carried out
2. Name of the person who carried out the work
3. Under whom, the work is carried out
4. None of the above

**Options :**

- 86435139657. 1
- 86435139658. 2
- 86435139659. 3
- 86435139660. 4

**Question Number : 14 Question Id : 86435112004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Nomenclature includes

1. Signs used in the thesis
2. Abbreviations
3. Greek letters
4. All of the above

**Options :**

- 86435139661. 1
- 86435139662. 2
- 86435139663. 3
- 86435139664. 4



**Question Number : 15 Question Id : 86435112005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

In a thesis, a number 2.3 is given. What does '2' refer to?

1. Chapter number
2. Figure number
3. Attempts made earlier to solve the problem
4. All of the above

**Options :**

- 86435139665. 1
- 86435139666. 2
- 86435139667. 3
- 86435139668. 4

**Question Number : 16 Question Id : 86435112006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Chapter on 'Experimentation Details' may deal with :

1. Governing equations
2. Experimental procedure followed
3. Validation
4. All of the above

**Options :**

- 86435139669. 1
- 86435139670. 2
- 86435139671. 3
- 86435139672. 4

**Question Number : 17 Question Id : 86435112007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

If the work is computational, one should deal with which one of the following?

1. Design of experiments
2. Measurements to be taken
3. Governing equations
4. Error in measurements

**Options :**

- 86435139673. 1
- 86435139674. 2
- 86435139675. 3
- 86435139676. 4

**Question Number : 18 Question Id : 86435112008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

The chapter on 'introduction' in a thesis or report deals with:

1. Nomenclature
2. Experimentation
3. Abstract
4. Motivation for doing the work

**Options :**

- 86435139677. 1
- 86435139678. 2
- 86435139679. 3
- 86435139680. 4

**Question Number : 19 Question Id : 86435112009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Carrying out 'validation' is a must for which of the following types of studies?

1. Experimental
2. Computational
3. Systematic
4. All types of studies

**Options :**

- 86435139681. 1
- 86435139682. 2
- 86435139683. 3
- 86435139684. 4

**Question Number : 20 Question Id : 86435112010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

The 'Appendix' section in a thesis is for providing

1. Additional or supporting information
2. Acknowledgements
3. The conclusions
4. Introduction

**Options :**

- 86435139685. 1
- 86435139686. 2
- 86435139687. 3
- 86435139688. 4

**Question Number : 21 Question Id : 86435112011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Uncertainty analysis section in a thesis is a must for works based on

1. Computational aspects
2. Experimentation
3. Analytical aspects
4. None of the above

**Options :**

- 86435139689. 1
- 86435139690. 2
- 86435139691. 3
- 86435139692. 4

**Question Number : 22 Question Id : 86435112012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Grid Independence Study is carried out in which one of the following studies?

1. Computational
2. Experimental
3. Analytical
4. All of the above

**Options :**

- 86435139693. 1
- 86435139694. 2
- 86435139695. 3
- 86435139696. 4

**Question Number : 23 Question Id : 86435112013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

The heading of the chapter relating to results is written as :

1. Results and Discussions
2. Results & Discussion
3. Results and Discussion
4. Result & Discussions

**Options :**

- 86435139697. 1
- 86435139698. 2
- 86435139699. 3
- 86435139700. 4

**Question Number : 24 Question Id : 86435112014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

While analyzing a plot, it is very much necessary to :

1. Gain basic understanding
2. Dig deeper into the details of the trend
3. Draw conclusions
4. All of the above

**Options :**

- 86435139701. 1
- 86435139702. 2
- 86435139703. 3
- 86435139704. 4

**Question Number : 25 Question Id : 86435112015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

A thesis must have which one of the following sections to increase its acceptance and approval?

1. Comparison with earlier works
2. Introduction
3. Literature review
4. Preliminary studies

**Options :**

- 86435139705. 1
- 86435139706. 2
- 86435139707. 3
- 86435139708. 4

**Question Number : 26 Question Id : 86435112016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Your work will be highly appreciated if you have achieved which of the following in a component or system?

1. Reduced losses
2. Increased efficiency
3. Either (1) or (2)
4. None of the above

**Options :**

- 86435139709. 1
- 86435139710. 2
- 86435139711. 3
- 86435139712. 4

**Question Number : 27 Question Id : 86435112017 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Mesh related studies, boundary conditions and validation are the terms used in :

1. Experimental work
2. Computational work
3. Both (1) and (2)
4. None of the above

**Options :**

- 86435139713. 1
- 86435139714. 2
- 86435139715. 3
- 86435139716. 4

**Question Number : 28 Question Id : 86435112018 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Validation is the study of :

1. Comparing theoretical results with computational work
2. Comparing theoretical results with numerical work
3. Comparing computational results with experimental work
4. None of the above

**Options :**

- 86435139717. 1
- 86435139718. 2
- 86435139719. 3
- 86435139720. 4

**Question Number : 29 Question Id : 86435112019 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Sensitivity analysis will be helpful in

1. Finalizing the required tolerances
2. Finalizing the suitable governing equations
3. Finalizing appropriate methodologies
4. All of the above

**Options :**

- 86435139721. 1
- 86435139722. 2
- 86435139723. 3
- 86435139724. 4

**Question Number : 30 Question Id : 86435112020 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

If the work is experimental, it must include :

1. Uncertainty analysis
2. Calibration
3. Both (1) and (2)
4. Either (1) or (2)

**Options :**

- 86435139725. 1
- 86435139726. 2
- 86435139727. 3
- 86435139728. 4

**Question Number : 31 Question Id : 86435112021 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**



Before submitting the thesis, at the minimum, which of the following should be taken care of?

1. Spell check
2. Page settings
3. Reference format
4. All of the above

**Options :**

- 86435139729. 1
- 86435139730. 2
- 86435139731. 3
- 86435139732. 4

**Question Number : 32 Question Id : 86435112022 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Which one of the following make our research paper searchable and ensure that it gets more attention and citations?

1. Keywords
2. Results
3. Conclusions
4. Any of the above

**Options :**

- 86435139733. 1
- 86435139734. 2
- 86435139735. 3
- 86435139736. 4

**Question Number : 33 Question Id : 86435112023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

APA reference style is used by researchers in the area of

1. Education
2. Psychology
3. Sciences
4. All of the above

**Options :**

- 86435139737. 1
- 86435139738. 2
- 86435139739. 3
- 86435139740. 4

**Question Number : 34 Question Id : 86435112024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

'Effect of Flow Rate on The Performance of a Diesel Engine' is the most suitable title for a

1. Thesis
2. Project report
3. Research Paper
4. None of the above

**Options :**

- 86435139741. 1
- 86435139742. 2
- 86435139743. 3
- 86435139744. 4

**Question Number : 35 Question Id : 86435112025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Presenting at a conference will be useful in

1. Abstract preparation
2. Gaining valuable feedback
3. Results maintenance
4. None of the above

**Options :**

- 86435139745. 1
- 86435139746. 2
- 86435139747. 3
- 86435139748. 4

**Question Number : 36 Question Id : 86435112026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Reference format in a paper should follow the style of

1. Journal or Conference
2. Standard MLA
3. IEEE
4. Standard APA

**Options :**

- 86435139749. 1
- 86435139750. 2
- 86435139751. 3
- 86435139752. 4

**Question Number : 37 Question Id : 86435112027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Operational parameters of a component are similar to :

1. Geometrical parameters
2. Flow parameters
3. Both (1) and (2)
4. None of the above

**Options :**

- 86435139753. 1
- 86435139754. 2
- 86435139755. 3
- 86435139756. 4

**Question Number : 38 Question Id : 86435112028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Net power output, energy obtained and efficiency are

1. Design parameters
2. Loss parameters
3. Performance parameters
4. None of the above

**Options :**

- 86435139757. 1
- 86435139758. 2
- 86435139759. 3
- 86435139760. 4

**Question Number : 39 Question Id : 86435112029 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

A paper accepted for a conference presentation is usually published in

1. Conference Proceedings
2. A journal
3. A book
4. None of the above

**Options :**

- 86435139761. 1
- 86435139762. 2
- 86435139763. 3
- 86435139764. 4

**Question Number : 40 Question Id : 86435112030 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Usually, in a research paper, the references are numbered on

1. Random basis
2. Author's wish
3. Reverse chronological order
4. The basis of occurrence in the text

**Options :**

- 86435139765. 1
- 86435139766. 2
- 86435139767. 3
- 86435139768. 4

**Question Number : 41 Question Id : 86435112031 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Indention in computer word processing is used to

1. Make the text readable
2. Change the paragraph color
3. Apply border around text
4. Change line spacing

**Options :**

- 86435139769. 1
- 86435139770. 2
- 86435139771. 3
- 86435139772. 4

**Question Number : 42 Question Id : 86435112032 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Percentage of personal computers in which some word processor software is already installed is about

1. 10%
2. 50%
3. 80%
4. 90%

**Options :**

- 86435139773. 1
- 86435139774. 2
- 86435139775. 3
- 86435139776. 4

**Question Number : 43 Question Id : 86435112033 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

To collect information and store it in a computer in more than one inter linked files is called :

1. Data storing
2. Data managing
3. Data cleaner
4. Data logging

**Options :**

86435139777. 1  
86435139778. 2  
86435139779. 3  
86435139780. 4

**Question Number : 44 Question Id : 86435112034 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

A special part of computer memory to temporarily hold information for later use is called:

1. ROM
2. Clipboard
3. Desktop
4. CRAMS

**Options :**

86435139781. 1  
86435139782. 2  
86435139783. 3  
86435139784. 4

**Question Number : 45 Question Id : 86435112035 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Portrait and Landscape are

1. Page Orientation
2. Paper Size
3. Page Layout
4. All of the above

**Options :**

- 86435139785. 1
- 86435139786. 2
- 86435139787. 3
- 86435139788. 4

**Question Number : 46 Question Id : 86435112036 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

With which symbol must all mathematical expressions begin with in the LaTeX environment ?

1. %
2. #
3. \$
4. \*

**Options :**

- 86435139789. 1
- 86435139790. 2
- 86435139791. 3
- 86435139792. 4

**Question Number : 47 Question Id : 86435112037 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**



Hyperlinks can be

1. Texts
2. Objects
3. Pictures
4. All of the above

**Options :**

- 86435139793. 1
- 86435139794. 2
- 86435139795. 3
- 86435139796. 4

**Question Number : 48 Question Id : 86435112038 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Which one of the following is NOT of type WYSIWYM word processor?

1. Latex
2. Notepad
3. HTML
4. PHP

**Options :**

- 86435139797. 1
- 86435139798. 2
- 86435139799. 3
- 86435139800. 4

**Question Number : 49 Question Id : 86435112039 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Which one of the following softwares is NOT a PDF viewer ?

1. MS Word
2. Okular
3. Foxit Reader
4. Evince

**Options :**

- 86435139801. 1
- 86435139802. 2
- 86435139803. 3
- 86435139804. 4

**Question Number : 50 Question Id : 86435112040 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Which one of the following is NOT a document class in the LaTeX environment?

1. Letter
2. Abstract
3. Article
4. Report

**Options :**

- 86435139805. 1
- 86435139806. 2
- 86435139807. 3
- 86435139808. 4