

KATHMANDU UNIVERSITY  
End Semester Examination  
June/July, 2023

Marks Scored:

Level : B.Arch.

Year : I

Exam Roll No. :

Time: 30 mins.

Course : ENGT 103

Semester : I

F. M. : 10

Date :

06 JUL 2023

Registration No.:

SECTION "A"

[20 Q. × 0.5 = 10 marks]

Encircle the most appropriate answer.

- Ramachandran chose neurology because ..... (The Making of Scientist)
  - His father forced him to choose
  - it uses latest technology
  - for his satisfaction
  - it addresses the problem of who we are
- According to the essay, what is the method of scientific investigation?
  - Expressing opinions
  - Guessing and assuming
  - Reasoning and analysis
  - Memorization and recitation
- What is the main advantage of acquiring university education according to the essay? (Why Go to University)
  - Acquiring multiple degrees
  - Gaining social prestige and respect
  - Enhancing personal hobbies
  - Learning about cultural superstitions
- How does the speaker differentiate themselves from the person they are addressing? (The Lunatic)
  - The speaker has a heart, while the person has a brain.
  - The person is a poet, while the speaker is a mathematician.
  - The person is grounded in reality, while the speaker is imaginative.
  - The person appreciates prose, while the speaker prefers verse.
- How does the discovery of the diamond impact the lives of the characters in the novel?
  - It leads to their financial ruin.
  - It brings them immense wealth and power.
  - It creates a sense of adventure and exploration.
  - It strengthens their family bonds.
- What is the significance of the "father-in-law's house" question between Mini and the Cabuliwallah?
  - It symbolizes a traditional Bengali custom.
  - It represents Mini's curiosity about marriage.
  - It reveals the Cabuliwallah's criminal past.
  - It showcases their playful and friendly relationship.

7. Which one of the possible interpretation can be the best of the story "The Four-Tusked Elephant"?
  - a. Hard work and perseverance lead to success.
  - b. Chance and coincidence are crucial in scientific discoveries.
  - c. Elephants can speak in human voice.
  - d. The Ituri forest is home to mythical creatures.
  
8. Why is clarity important in technical communication?
  - a. It makes the content more entertaining and engaging.
  - b. It allows for creative interpretation by the audience.
  - c. It ensures that the audience understands the information correctly.
  - d. It adds complexity and depth to the technical concepts.
  
9. Which one of the following is **NOT** the reason for maintaining the technical document concise?
  - a. Conciseness saves time
  - b. Technology demands conciseness
  - c. Conciseness improve readability
  - d. Conciseness adds length of paragraph
  
10. Which is suitable prewriting technique for conveying hierarchical relationship, reporting structure and the roles of the organization?
  - a. Sample organization chart
  - b. Sample flowchart
  - c. Sample Storyboard
  - d. Sample topic outline
  
11. Which one of the question is solved in the project description section of a concept paper?
  - a. What is the problem or need will be addressed?
  - b. What activities will take place?
  - c. What are your research questions?
  - d. How will the project carried out?
  
12. Which one of the following statement is **NOT CORRECT** for low-tech audience?
  - a. Low-tech audiences are familiar with the technology you are writing about.
  - b. They work in another department, manage you, and work under your supervision.
  - c. They need minimal detail regarding standard procedure and technical theories.
  - d. They understand the basic concept of your work but have not been involved daily.
  
13. Which skill can be effectively developed through active participation in seminars and group discussions?
  - a. Leadership skills.
  - b. Memorization and recall abilities.
  - c. Procrastination tendencies.
  - d. Conflict resolution and negotiation skills.
  
14. Which of the following is typically included as part of the introduction in a formal oral presentation?
  - a. Main argument and supporting evidence
  - b. Conclusion and closing remarks
  - c. Background information and context
  - d. Questions for audience participation

15. Unsolicited proposal is understood as ...
- a proposal written on your own initiatives.
  - a proposal written in response to a request.
  - a proposal written for co-worker and colleagues.
  - a proposal written for conducting research.
16. What does the "Qualifier" in Toulmin's model of argument represent?
- The degree of certainty or strength of the claim.
  - The counterarguments or opposing viewpoints.
  - The additional evidence to support the claim.
  - The personal biases and opinions of the speaker.
17. Which of the following statement is **NOT CORRECT** while writing the short report?
- A typical short report is limited to one to five pages.
  - A short report focuses on the topic with a wider scope.
  - A short report complete with the limited timeframe.
  - A short report includes limited personnel and limited impact.
18. Which one of the following activity is **NOT** necessary while writing the cover letter or memo of a long report?
- Why you are writing?
  - What are you writing about?
  - What exactly of importance is within the report?
  - what is the outcome of the report?
19. Which one of the following is included in the introduction section of a proposal?
- |                                  |                           |
|----------------------------------|---------------------------|
| a. comparison and contrast       | b. purpose and problem    |
| c. conclusion and recommendation | d. analysis and procedure |
20. Which section of a technical article provides an overview of the research topic, states the research problem, and presents the research objectives?
- |                 |            |            |               |
|-----------------|------------|------------|---------------|
| a. Introduction | b. Methods | c. Results | d. Discussion |
|-----------------|------------|------------|---------------|

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Level : B.Arch.  
Year : I  
Time : 2 hrs. 30 mins.

Course : ENGT 103  
Semester : I  
F. M. : 40

SECTION "B"

[8Q × 5 = 40 marks]

Attempt *ALL* questions. *You are expected to treat each answer as a formal document.*

1. What are deductive and inductive arguments? List any four examples of deductive and inductive arguments used in your personal or academic life. (We are All Scientists)
2. How did Mini and the Cabuliwallah communicate despite their language differences? How did Mini's relationship with the Cabuliwallah change over time?
3. How does the interdisciplinary approach to learning, as described in V.S. Ramachandran's essay "The Making of a Scientist," contribute to the development of a successful scientific career?
4. Develop the **Project Description** section of a formal proposal based on ONE of the following subjects.
  - a. Sustainable Housing: Designing Affordable and Energy-Efficient Homes
  - b. Heritage Conservation: Preserving and Rehabilitating Historical Buildings
5. Develop a **Concept Paper** on one of the following subjects. Make sure to specify a research problem/question.
  - a. **University Master Planning**: Developing a Comprehensive Vision for the Future Growth and Development of the Academic Institution
  - b. **Student Housing Design**: Developing Affordable and Functional Residential Spaces that Support Student Life and Academic Success
6. Write **analysis** and **evaluation** of bloom's taxonomy of the following text.

Every great step in our progress in discovering causes has been made in exactly the same way as that which I have detailed to you. A person observing the occurrence of certain facts and phenomena asks, naturally enough, what process, what kind of operation known to occur in Nature applied to the particular case, will unravel and explain the mystery? Hence you have the scientific hypothesis; and its value will be proportionate to the care and completeness with which its basis has been tested and verified. It is in these matters as in the commonest affairs of practical life: the guess of the fool will be folly, while the guess of the wise man will contain wisdom. In all cases, you see that the value of the result depends on the patience and faithfulness with which the investigator applies to his hypothesis every possible kind of verification.

7. Prepare a topic outline of **Long Report** and write what is written in each component with examples.  
[Note: for instance, Appendix section includes any additional information (survey results, tables, figures, previous report findings, relevant letters and Memos, etc.) that you have not built into your long report's main text]
8. Prepare a model of at least eight **power point slides** for oral presentation discussing the importance and process of "Objective in Technical Communication".