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**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF ENGINEERING
MAKEUP EXAMINATION – JAN 2023**

Course Code: ENG1002

Course Name: TECHNICAL ENGLISH

Program : BTech

Date: 28-JAN-2023

Time: 9.30 AM to 12.30 PM

Max Marks: 100

Weightage: 50%

Instructions:

- (i) *Read the question properly and answer accordingly.*
 - (ii) *Question paper consists of 3 parts.*
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Part A [Memory Recall Questions]

Answer all the Questions. Each question carries ONE mark. (10Qx2M=20M)

1. Technical communication is not _____ writing, journalistic writing, or creative literature. (C.O.NO.1) [Knowledge]
a) Figurative b) Poetic c) Factual d) Expressive
2. Technical communication focuses more on the _____ rather than language. (C.O.NO.1) [Knowledge]
a) Content b) matter c) text d) information
3. Product descriptions can _____ your customer on the product. (C.O.NO.2) [Knowledge]
a) amuse b) educate c) regale d) entertain
4. The process description can be _____ or instructional. (C.O.NO.2) [Knowledge]
a) informational b) traditional c) orthodox d) persuasive
5. Technical reports can be a powerful tools of _____. (C.O.NO.3) [Knowledge]
a) information b) persuasion c) instruction d) construction

6. Project reports give regular updates about the _____ of a particular ongoing project.
(C.O.NO.3) [Knowledge]
a) initiation b) progression c) submission d) completion
7. A concise statement of the main points and conclusions in a longer document is called _____.
(C.O.NO.3) [Knowledge]
a) an abstract b) a summary c) a report d) none of the above
8. _____ is the process of making sense out of a collection of data that has been processed.
(C.O.NO.4) [Knowledge]
a) Data Interpretation b) Data analysis c) Data visualization d) none of the above
9. The process of bringing order and structure to collected data is called _____
(C.O.NO.4) [Knowledge]
a) Data Interpretation b) Data analysis c) Data visualization d) none of the above
10. The type of a chart that visually displays data in a circular graph is a _____ .
(C.O.NO.4) [Knowledge]
a) bar graph b) line graph c) pie chart d) tabular form

Part B [Thought Provoking Questions]

Answer all the questions. Each question carries SEVEN marks. (4Qx7M=28 M)

11. General communication is directed to the common man, no one in particular, but technical communication is aimed at a group of people. Distinguish the difference between technical communication and general communication.
(C.O.NO.1) [Comprehension]
12. Technical description gives detailed information about constructional features, composition, appearance, shape, size, working principle and actual working. Elucidate the components of technical description.
(C.O.NO.2) [Comprehension]
13. One has to record the process, reactions and results accurately to arrive at a convincing conclusion. These reports include different parts. Explain all the sections of a laboratory report in detail.
(C.O.NO.3) [Comprehension]

14. These three processes- Data analysis, data visualization and Data interpretation- are not usually linear – they don't follow each other in an orderly process. Analyze how do they support, inform and influence each other, resulting in data that are rich and useful.

(C.O.NO.4) [Comprehension]

Part C [Problem Solving Questions]

Answer all the questions. Each question carries THIRTEEN marks. (4Qx13M=52 M)

15. The 7 C's of Communication is a checklist that helps to improve the professional communication skills and increases the chance that the message will be understood in exactly the same way as it was intended. Discuss the role of 7 Cs of communication with examples.

(C.O.NO.1) [Application]

16. As manufacturers produce their products, they also have to think about the user manual to go with it. This is important as it will help the consumers learn how to use the product correctly. An operation manual template will contain relevant guidelines. Prepare a user manual for a new Refrigerator that your company has launched recently.

(C.O.NO.2) [Application]

17. Assume that you have received a grant of Rs. 1,00000 for a minor project for a one year tenure. You are asked to submit a yearly progress report to the Project Grant Committee on your work progress, work completed, planned work, expenditure, etc. Write a Progress Report.

(C.O.NO.3) [Application]

Instructions:

- Focus on the structure, organization, language and style of Progress Report
- You can select a Project topic from your area of study.

18. The following table gives the percentage distribution of the population of five states, P, Q, R, S and T on the basis of the poverty line and also on the basis of sex. Study the table and answer the questions based on it.

(C.O.NO.4) [Application]

State	Percentage of Population below Poverty Line	Proportion of Males and Females	
		Below Poverty Line	Above Poverty Line
		M : F	M : F
P	35	5 : 6	6 : 7
Q	25	8 : 5	4 : 5
R	24	1 : 2	2 : 3
S	19	3 : 2	4 : 3
T	15	5 : 3	3 : 2

1: What will be the number of females above the poverty line in the State S if it is known that the population of State S is 7 million?

A) 3 million million

B) 2.43 million

C) 1.33 million

D) 5.7 million

E) 1.61

2: If the male population above the poverty line for State R is 1.9 million, then the total population of State R is:

- A) 4.5 million B) 4.85 million C) 5.35 million D) 6.25 million E) 7.6 million

3: What will be the male population above the poverty line for State P if the female population below the poverty line for State P is 2.1 million?

- A) 2.1 million B) 2.3 million C) 2.7 million D) 3.3 million E) 3.4 million

4: If the population of males below the poverty line for State Q is 2.4 million and that for State T is 6 million, then the total populations of states Q and T are in the ratio:

- A) 1 : 3 B) 2 : 5 C) 3 : 7 D) 4 : 9 E) 5 : 12