

3E1102

Roll No. _____

[Total No. of Pages : 3]

3E1102

B.Tech. III-Sem. (Back) Examination, January- 2025
HSMC Aeronautical Engineering
3AN1-02 Technical Communication
(All Branches)

Time : 2 Hours
Maximum Marks : 80
Min. Passing Marks : 28
Instructions to Candidates:

Attempt all Five questions from Part A, Four questions out of six questions from Part B and Two questions out of three questions from Part C.

Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.

Use of following supporting material is permitted during examination. (Mentioned in form No. 205).

PART - A**(Answer should be given up to 25 words only)****All questions are compulsory.****(5×2=10)**

1. Why is linguistic ability crucial in technical communication?
2. Highlight the role of listening skills in effective technical communication.
3. Identify three factors affecting information and document design.
4. What are the primary characteristics of a technical article?
5. Give two advantages of possessing effective technical communication skills.

PART - B**(Analytical / Problem Solving Questions)****Attempt any Four questions.****(4×10=40)**

1. Discuss the aspects of technical communication in detail.
2. Summarize the text given below in your own words in no more than 100 words:

In today's fast-paced world, technology has become an essential part of everyday life. From smartphones to computers, technology has revolutionized the way we work, communicate, and learn. In education, technology plays a crucial role by providing access to a wealth of resources online, making learning more interactive and accessible. Teachers and students can use various tools like digital textbooks, educational apps, and online platforms to enhance the learning experience. However, while technology brings many benefits, it also poses challenges such as distractions, the digital divide, and the potential loss of traditional skills.

3. You are the Marketing Manager of XYZ Solutions Pvt. Ltd. and need to invite potential clients to a webinar titled “Revolutionizing Business with AI”. Write a formal email.

4. **Attempt any Five:**

1. Which of the following sentences is grammatically correct?

- a) He don't know the answer.
- b) She doesn't likes ice cream.
- c) They doesn't play football.
- d) She doesn't like ice cream.

2. Identify the sentence with correct subject-verb agreement:

- a) Neither of the boys were present.
- b) The list of items are on the table.
- c) Everyone is invited to the party.
- d) There is many reasons to leave.

3. Choose the sentence with the correct use of punctuation:

- a) I have three things to do, clean the house cook dinner and finish my work.
- b) I have three things to do: clean the house, cook dinner, and finish my work.
- c) I have three things to do clean the house, cook dinner and finish my work.
- d) I have three things to do; clean the house cook dinner and finish my work.

4. Which sentence uses the correct form of the verb?

- a) She has went to the market.
- b) He have completed his assignment.
- c) They has arrived at the station.
- d) She has gone to the market.

5. Select the sentence with the correct use of an article:

- a) He is an university student.
- b) She bought a orange yesterday.
- c) They are staying in a hotel.
- d) It is an one-time offer.

6. Identify the sentence with correct adjective order:

- a) She wore a red beautiful dress.
- b) He bought a small wooden table.
- c) They have a dog brown cute.
- d) I saw an old small house.

7. Choose the correctly written conditional sentence:

- a) If it will rain, we will stay inside.
- b) If he had studied, he will pass the exam.
- c) If I knew her, I would invite her.
- d) If they works hard, they will succeed.

8. Which sentence correctly uses a preposition?

- a) She is good in mathematics.
- b) He is interested about photography.
- c) They are fond of reading books.

9. Identify the correctly written sentence with a pronoun:
- Each of the students have their own book.
 - Someone forgot their bag in the classroom.
 - Everyone must bring his or her ID card.
 - The committee gave their unanimous decision.
10. Select the sentence with the correct tense:
- He will visiting us tomorrow.
 - She has been studying since morning.
 - They are play in the park.
 - I am knowing the answer to the question.
5. What are technical project proposals, and how are they structured? Provide a brief explanation.
6. Imagine you are applying for the position of **Software Engineer at Tech Solutions Pvt. Ltd.**, a leading company specializing in AI-driven applications. Write a formal job application.

PART - C

(Descriptive / Analytical / Problem Solving / Design Questions)

Attempt any Two questions.

($2 \times 15 = 30$)

- What is technical communication, and why is it important in professional fields?
 - You are the **team leader of a project titled “Enhancing Digital Literacy among Rural Youth”**. Write a detailed report addressed to the **Head of the Organization**, including the following in very brief.
 - Title of the report
 - Introduction to the project
 - Objectives and scope of the project
 - Methodology and activities conducted
 - Key findings and outcomes
 - Challenges faced and solutions implemented
 - Recommendations for future projects
 - A formal conclusion
 - Write a detailed article on The Role of Technology in Education.
-