Paper / Subject Code: 90905 / Information Tech.: Technical Writing & Entrepreneurship Development

(Time: $2\frac{1}{2}$ hours)

[Total Marks: 60]

N. B.: (1) <u>All</u> questions are <u>compulsory</u>.
 (2) Make <u>suitable assumptions</u> wherever necessary and <u>state the assumptions</u> made.
 (3) Answers to the <u>same question</u> must be <u>written together</u>.
 (4) Numbers to the <u>right</u> indicate <u>marks</u>.
 (5) Draw <u>neat labeled diagrams</u> wherever <u>necessary</u>.
 (6) Use of <u>Non-programmable</u> calculator is <u>allowed</u>.

1. Attempt *any two* of the following: 12
 a. What is the importance of technical communication? List the various factors that makes communications better
 b. What is an obligation for an employee to the employer? What are those obligations?
 c. How will one choose the application, design and delivery method of communication? What are the critical decisions that are needed before the choice is made?
 d. Describe with an example the process of making agenda for meetings

2. Attempt *any two* of the following: 12
 a. What are the kinds of information to be presented while presenting the relationship between organizational patterns?
 b. Explain with an example the three important guidelines for organizing information chronologically.
 c. You are researching portable GPS systems for use in your company's existing fleet of 35 delivery vans. You are considering such factors as ease of use, size of screen, number of points of interest, and Bluetooth compatibility. You conclude that the three leading models are quite similar in all but one way: price. One model costs about 30 percent less than the other two models. In organizing your discussion of the three models, should you use the whole-by-whole pattern or the part-by-part pattern? Why? Justify.
 d. List the guidelines for organizing information by Problem-Method-Solution

3. Attempt *any two* of the following: 12
 a. Describe the benefits of using graphics instead of text
 b. Explain the process of Planning and Producing graphics while creating graphics
 c. Compare the closed and open system flowcharts

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d. Majors

	2012	2013	2014
Civil Engineering	236	231	253
Chemical Engineering	126	134	142
Comparative Literature	97	86	74
Electrical Engineering	317	326	401
English	714	623	592
Fine Arts	112	96	72
Foreign Languages	608	584	566
Materials Engineering	213	227	241
Mechanical Engineering	196	203	201
Other	46	42	51
Philosophy	211	142	151
Religion	86	91	72

Make a pie chart and bar chart and explain the effects.

4. **Attempt _any two_ of the following:**   12
a. What is a progress report? Write a progress report of your project work
b. Write a proposal for a new research project on "Data Analysis of high performing educational institutions in Maharashtra State"
c. What is an incident report? Give an example
d. If you are the general secretary of student council of your college, how will be prepare minutes of meeting of the first meeting of the council?

5. **Attempt _any two_ of the following:**   12
a. What are the ways of acquiring external technology?
b. Describe the type of R&D activities that can influence the profit contribution
c. Explain the product development process in the software industry
d. Explain the benefits of using portfolio selection model

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