

2016

M.LI.Sc.

1st Semester Examination

TECHNICAL WRITING

PAPER—MLI-110

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

1. Write short notes on any *two* of the following : 2×5
 - (a) Technical digest.
 - (b) Fog index.
 - (c) Information architecture.
2. (a) (i) Distinguish between technical writing and creative writing.

(ii) Discuss the characteristic features of technical reports.

(Turn Over)

- (iii) What is readability analysis? State Flesch Formula in this connection. 5+5+5

Or

- (b) Read the following paragraph and calculate *Fog Index* and *Flesch Index* for readability test : 15

The definition of science and of technology is such a traditional preoccupation of historians of those subjects that few professionals or amateurs in these fields have escaped the tempting urge to begin their historical deliberations in such a fittingly scientific and orderly fashion. It is not my purpose to comment on definitions that have already been made, or indeed to add to their embarrassing profusion, for it seems to me that, even when the job is well done, it has been sterile and without fruit. So far as I can find, the only use to which most of these definitions have ever been subjected is that of deciding what range of subject matter should be included in a particular book or in a chapter of a book. In this respect it is somewhat similar to the recent concern of some of our colleagues with the problems of "periodization and classification." While such precise delimitation of the subjects may be useful and even admirable for splitting a complex whole into more easily assimilable parcels, it offers little by way of historical or scientific explication of

the manner in which the development of science and technology has proceeded.

3. (a) (i) Describe the structural layout of research proposal.
- (ii) What is scientific writing?
- (iii) Describe with examples different components of popular science communication. 7+2+6

Or

- (b) (i) What is plagiarism? Describe with examples different types of plagiarisms.
- (ii) State some preventive measures against plagiarism.
- (iii) Do you think predatory publications are responsible for exceptional growth of plagiarism today? Justify your answer with proper reasoning and appropriate examples. 6+4+5
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