



DOON UNIVERSITY, DEHRADUN
Mid Semester Examination, 2014, Third Semester
M. Tech. (Environmental Technology)
ETC- 582: Technical and Scientific Writing

Time Allowed: 2 Hours

Maximum Marks: 30

SECTION: A (Answer in about max 100 words).

Attempt any **EIGHT** questions.

(Marks: 1.25 x 8 = 10)

1. In scientific community what are the reasons to be a good writer.
2. Clear the statement that “*paper needs clear receipt of the work of a scientist*”
3. Why accessibility and readability is very important in publishing any paper.
4. What should be included in introduction part of a manuscript?
5. What are the main criterions to select an appropriate journal for publishing a paper?
6. Write names of popular standardized reporting guidelines.
7. What are the responsibilities of an author and co-authors?
8. What is the importance of statistical analysis in a research paper?
9. What you will prefer “active voice” or “passive voice” in a scientific writing and why.
10. What part of scientific manuscript should be written in passive voice and why.

SECTION: B (Answer in about 300 words).

Attempt **FOUR** questions.

(Marks: 3 x 4 = 12)

1. Writing is a time management activity in career of any scientist. Elaborate the statement with suitable example.
2. What are the three basic aspects to effective scientific writing?
3. Discuss different steps involved in writing a research paper.
4. Describe the uniform requirements for manuscript preparation.
5. Discuss CONSORT guideline of manuscript preparation.

SECTION: C (Answer in about 150 words).

(Marks: 2 x 4 = 8)

1. Make changes in following sentences using general grammar and scientific writing rules:
 - a. “*The World Metrology Organization reports that approximately two-thirds of the hurricanes are found in tropical countries, and estimates that the number of hurricanes in these countries will double in the next 25 year*”.