Your Roll Number: ....

MATH20-R02:RESEARCH AND PUBLICATION ETHICS

Time: 2 hours   Maximum Marks: 35

Instructions: • Attempt any **Five** questions. • Each question carries **Seven** marks.

(1) Define publication misconduct? Give an example. Elucidate the con- [4+3 Marks] sequences of publication misconduct in light of relevant sections of the UGC regulations 2018.

(2) What is the role of software tools in checking plagiarism? What [3+4 Marks] strategy does the University of Delhi adopts in checking the plagiarism?

(3) What are online and open access journals? List out 5 journals each [3+4 Marks] in online and open access category in the subject of Mathematics.

(4) What are the consequences of selective reporting and misrepresenta- [4+3 Marks] tion of data in India. Elucidate it by giving some latest examples.

(5) Define and explain Impact factor of a journal. Bulliton of the [4+3 Marks] Malaysian Mathematical Society has very recently announced that its impact factor is 1.554. Justify.

(6) Distinguish between h-index, g index and i10 index by giving exam- [3+4 Marks] ples. Is publication misconduct same as scientific misconduct? Justify in light of relevant sections of the UGC regulations 2018.

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