

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

EI/IC-7202 (GS)
B.E. VII Semester
 Examination, December 2017
Grading System (GS)
Environmental Instrumentation
Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
 ii) All questions carry equal marks.
 iii) Assume suitable data, wherever necessary.

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| 1. a) Discuss characterisation of waste. | 7 |
| b) Discuss sources of pollution. | 7 |
| 2. a) Discuss effects of pollution. | 7 |
| b) Explain Ecological balance. | 7 |
| 3. a) Explain Gas chromatography. | 7 |
| b) Discuss Dust collection. | 7 |
| 4. a) Discuss Air pollution. | 7 |
| b) Explain continuous pollution monitoring. | 7 |
| 5. a) Discuss Land pollution. | 7 |
| b) Explain soil characteristics and fertility conservation. | 7 |
| 6. Explain control instrumentation of specific industrial pollution in steel plants. | 14 |

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| 7. a) Discuss Quality standards. | 7 |
| b) Discuss Colorimetry. | 7 |
| 8 Write short notes on any two: | 14 |
| a) Radioactive waste control | |
| b) Ions exchange | |
| c) Thermal pollution monitoring | |
