


GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

(An Autonomous Institute of Government of Maharashtra)

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 Name of Examination : **Winter 2020** - (Preview)

 Course Code & Course Name : **CE405B - (Inter disciplinary elective)-Industrial Pollution**

 Generated At : **19-04-2022 10:35:47**

 Maximum Marks : **60**

 Duration : **3 Hrs**
[Edit](#) [Print](#) [View Answer Key](#) [Close](#) **Answer Key Submission Type:** Marking scheme with model answers and solutions of numerical

Instructions:

1. All questions are compulsory.
2. Illustrate your answer with suitable figures/sketches wherever necessary.
3. Assume suitable additional data; if required.
4. Use of logarithmic table, drawing instruments and non programmable calculators is allowed.
5. Figures to the right indicate full marks.

1) Instruction (e.g. Solve any two from all sub-question)

- | | |
|--|-----|
| A) Describe wastewater characteristics of dairy industry | [6] |
| B) Explain the procedure of industrial wastewater survey | [6] |
| C) Describe wastewater characteristics of petroleum industry | [6] |

2) Instruction (e.g. Solve any two from all sub-question)

- | | |
|--|-----|
| A) What do you mean by flow equalization? Explain the purpose of equalization for industrial treatment facilities. | [6] |
| B) Explain the physical and chemical treatment for petroleum and tannery Industry. | [6] |
| C) Explain the neutralization treatment for Sagar; pulp and paper Industry. | [6] |

3) Instruction (Solve all sub-question)

- | | |
|--|-----|
| A) Write in detail on CETP. | [6] |
| B) Write a note on industrial ecology | [6] |
| C) Write salient features of water pollution prevention act. | [6] |

4) Instruction (Solve all sub-question)

- | | |
|---|-----|
| A) What is meant by acclimatization of biomass? | [6] |
| B) Write a note on treatment of wastewater from metal plating Industry. | [6] |
| C) What are low cost sorbents? | [6] |

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