## B.E.C.E. $4^{\text {th }}$ Year EXAMINATION, 2023 <br> ( ${ }^{\text {nd }}$ Semester) <br> SUBJECT: ADVANCED ENVIRONMENTAL ENGINEERING (HONS.) <br> Full Marks 100

Time: Three hours

No. of Questions

> Use a separate Answer-Script for each part

B.E.C.E. $4^{\text {th }}$ Year EXAMINATION, 2023
( $2^{\text {nd }}$ Semester)
SUBJECT: ADVANCED ENVIRONMENTAL ENGINEERING (HONS.)
Full Marks 100
Time: Three hours

No. of Quéstions

Use a separate Answer-Script for each part


# B.E. CIVIL ENGINEERING FOURTH YEAR SECOND SEMESTER - 2023 <br> <br> SUBJECT: ADVANCED ENVIRONMENTAL ENGINEERING(HONS.) (CE/PC/H/T/423) 

 <br> <br> SUBJECT: ADVANCED ENVIRONMENTAL ENGINEERING(HONS.) (CE/PC/H/T/423)}

Time: 3 hours
Full Marks : 100

## Instructions: Use Separate Answer scripts for each part.

Part - II (40 Marks)

| Sl. No. | Question | CO | Marks |
| :---: | :---: | :---: | :---: |
| 1 | What is the unit of AQI? <br> Which criteria air pollutants does not have any breakpoint for calculating Indian AQI? | [C04] | [1+2] |
| 2 | Answer any five: <br> A) What are the different types of Bio-Medical waste and what are the different treatment \& disposal options used for them? <br> B) Write a short note on the classification of E-waste. <br> C) How Bio-Medical Waste can be disposed? <br> D) How Bio-Medical Waste can be transported and stored? <br> E) Write down about the hazard due to improper disposal of E-waste. <br> F) Briefly discuss about the methods of E-waste estimation. | [CO3] | $\begin{gathered} {[5 \times 7} \\ =35] \end{gathered}$ |
| 3 | What are the sources of Bio-Medical Wastes? | [CO3] | [2] |

