

2020

ENVIRONMENTAL SCIENCE – HONOURS - PRACTICAL

Paper: CC-2-P

Full marks: 30

The figures in the margin indicate full marks

1. Estimate Total Hardness of the water sample from the provided data. Write Principle, Procedure, Calculate the results and comment on it. (3+2+4+1)
2. Estimate pH of the soil from the provided data. Write Principle, Procedure, Calculate the results and comment on it. (3+2+4+1)
3. Online viva-voce (10)

****Answer scripts to be mailed in email id: ugpractexam2021@gmail.com**

Q1. Calculate Total Hardness (as CaCO_3) of the sample water from the following data

Mean volume of the titrant consumed (ml)	Volume of sample water taken in each case (ml)	Strength of the titrant (M)
7.6	50	0.01

Q2. Calculate the average pH of a soil sample from the following data

Sl. No	pH
1.	7.4
2.	8.3
3.	8.8