

U.G. 4th Semester Examination - 2020**ENVIRONMENTAL SCIENCE****[HONOURS]****Course Code : ENVS-H-CC-P-10****(Environmental Pollution and Human Health)****[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*Answer any **two** of the following: $10 \times 2 = 20$

1. Write down the principle, required materials and procedure for measuring the BOD of a water sample. $4+2+4=10$
2. Write down the principle, required materials and standard procedure for analysis of cadmium of a water sample. $4+2+4=10$
3. What is high volume sampler? Write down the standard sampling and analysis procedure for determining the NO_x concentrations in an industrial area. $2+8=10$

4. Write down the principle, required materials and standard procedure for enumeration of coliform bacteria of a water sample. $2+3+5=10$

[Turn over]