

B.Sc. Semester-6 Examination

CC 308

Env. Science

March-2023

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (1) Draw figures where necessary.
 (2) Show question number against each answer.
 (3) Figures in right are marks.

Q.1 Explain the concept of ETP and CEPT in detail with diagram. (14)

OR

Q.1(A) Explain in detail ETP of Tannery industry and its characteristics. (07)

Q.1(B) Explain MIS system related to ETP. (07)

Q.2 Explain measurements and distribution of Attributes. (14)

OR

Q.2(A) Explain Karl-Pearson rank correlation and regression models. (07)

Q.2(B) Explain measures of central tendencies and their calculations. (07)

Q.3 What is Operating system, explain Linux in operating systems. (14)

OR

Q.3(A) Write detailed note on SPSS software and its usage. (07)

Q.3(B) Explain software with components and windows system in computer. (07)

Q.4 Discuss the principle of remote sensing and its types. (14)

OR

Q.4(A) Detail note on types, characteristic and capabilities of sensors. (07)

Q.4(B) Explain active and passive sensors in detail. (07)

Q.5 Answer any **seven** out of twelve. (14)

A. What is SPSS software?

B. Explain CEPT.

C. Define chi-square.

D. What does hardware in computer system mean?

E. Which industries generate most of waste water?

F. What is the concept of GIS?

G. Name two Indian satellites.

H. Define mean, median and mode.

I. Name the CEPT of Ahmedabad.

J. Role of remote sensing in earthquake.

K. Draw the outline of active sensors.

L. Give example of operating systems.