

SH-II/Env.Sc.-201/C-3/19

B.Sc. 2nd Semester (Honours) Examination, 2019

ENVIRONMENTAL SCIENCE

(Water and Water Resources)

Paper : SHENV-201/C-3

Course ID : 21811

Time: 1 Hr.15 min.

Full Marks: 25

*The figures in the right hand side margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.*

1. Answer *any five* questions from the following: 5×1=5
- (a) What is sheet flow?
 - (b) What is aquifer?
 - (c) Define micro-watershed.
 - (d) What is benthos?
 - (e) What is pH scale?
 - (f) Mention the name of two important multipurpose river valley projects in Eastern India.
 - (g) What is eutrophication?
 - (h) What is river regime?
2. Answer *any two* questions from the following: 2×5=10
- (a) Explain two components of basin hydrological phenomena.
 - (b) “Drainage basin is a hydrological unit”— briefly explain.
 - (c) What are the major reasons for destruction of wetland in riverine flood plain?
 - (d) Critically identify the major threats to national river linking plan.
3. Answer *any one* question from the following: 1×10=10
- (a) Briefly explain the role of watershed management for improving rural livelihood pattern.
 - (b) Identify ecological and economic impacts related with major dams in India.
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