

SH-I/Env.Sc./101C-1(T)/18-19

B.Sc. Semester I (Honours) Examination, 2018-19**ENVIRONMENTAL SCIENCE****Course ID : 11811****Course Code : SHENV/101/C-1(T)**

Course Title : Earth and Earth Surface Processes

Time: 1 Hour 15 Minutes**Full Marks: 25***The figures in the 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: 1×5=5
 - (a) What do you mean by 'Nabula'?
 - (b) During which geological period did the earth become oxygen rich?
 - (c) What is 'Subduction'?
 - (d) What are the main difference between rocks and minerals?
 - (e) Who first coin the term 'Isostasy.?'
 - (f) What do you meant by 'Bhabar'?
 - (g) What is 'Jig-Saw-Fit'?
 - (h) What is 'Discontinuity'?

 2. Answer *any two* questions from the following: 5×2=10
 - (a) Differentiate the concept of Airy and Pratt regarding Isostatic theory. 5
 - (b) Discuss the various process of physical weathering with examples. 5
 - (c) Describe the major forces responsible for continental drift. 5
 - (d) Describe the major process related with glacier erosion. 5

 3. Answer *any one* question from the following: 10×1=10
 - (a) Explain the origin and evaluation of folded and faulted mountain system in light of plate tectonic theory. 10
 - (b) Critically evaluate the evolution of river system in Indian peninsular region. 10
-