

**2020/TDC(CBCS)/ODD/SEM/  
EESHCC-101T/388**

**TDC (CBCS) Odd Semester Exam., 2020  
held in March, 2021**

**ECOLOGY AND ENVIRONMENTAL SCIENCE**

**( 1st Semester )**

Course No. : EESHCC-101T

**( Earth and Earth Surface Processes )**

Full Marks : 50

Pass Marks : 20

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

**SECTION—A**

**1. Write short notes on any ten of the following :**

**2×10=20**

- (a) Composition of core
- (b) Composition of mantle
- (c) Composition of crust
- (d) Hydrosphere
- (e) Plate tectonics

- (f) Pangea
- (g) Orogeny
- (h) Continental drift
- (i) Erosion
- (j) Rock cycle
- (k) Weathering
- (l) Sedimentary rock
- (m) Physical properties of atmosphere
- (n) Atmospheric circulation
- (o) Types of glaciers
- (p) Composition of atmosphere
- (q) Western Ghats
- (r) Development of glaciers
- (s) Himalayas
- (t) Aravallis

SECTION—B

Answer any *five* of the following questions : 6×5=30

- 2. Describe briefly the geological time scale.
- 3. Describe briefly on the formation of atmosphere.

- 4. Describe briefly the gravitational and magnetic field of the earth.
- 5. Describe briefly the theory of continental drift.
- 6. Describe briefly the process of lithification and metamorphism.
- 7. Describe briefly the various factors affecting erosion.
- 8. Describe briefly atmosphere-land interface.
- 9. Describe briefly glacier dynamics.
- 10. Describe briefly the perennial river system of India.
- 11. Describe briefly the formation of the Indo-Gangetic Plains.

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