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(1)

FEBRUARY '17

MARCH		2017						
Wk	M	T	W	T	F	S	S	
09			1	2	3	4	5	
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12	20	21	22	23	24	25	26	
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THURSDAY

DAY 033-332 Wk 05

02

B.A. Part - III

Paper - V & VII

Date - 05/05/20

Geographical Thought & Three Southern Continents
(Unit - III)

&

Environmental Geography (Unit - II) (O.Paper)

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Ecosystem

→ Ecosystem is the basic functional unit of Ecology. Many ecologists regard the entire biosphere as a global ecosystem, as a composite of all local ecosystems on Earth.

→ The term Ecosystem is coined from a Greek word meaning study of home or habitat.

→ Ecosystem is defined as a group of organisms interacting among themselves and with environment.

Thus, an ecosystem is a community of different species interacting with one another and with their non-living environment exchanging energy and matter. For Example; Animals cannot synthesise their food directly but depend

Greatness lies not in being strong, but in the right use of strength.

- Henry Ward Beecher

FEBRUARY 2017						
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07	13	14	15	16	17	18
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03

FRIDAY

Wk 05 DAY 034-331

on the plants either directly or indirectly.

Types of Ecosystem :-

Based on habitat types, it can be classified into three main category :- It operates themselves under natural conditions.

1. 1.7 Terrestrial Ecosystem :- This ecosystem is related to land. like Grassland ecosystem, forest ecosystem, desert ecosystem etc.

2. 2.7 Aquatic Ecosystem :- It is related to water. It is further classified into two parts.

(i) Fresh Water Ecosystem :-

- (a) Running water Ecosystem like Rivers, Streams etc
- (b) Standing Water Ecosystem like Ponds, lakes etc.

(ii) Marine Ecosystem :-

- (a) Oceans
- (b) Deep Seas and sea shores
- (c) Estuary or Deltas.

Do not take life too seriously. You will never get out of it alive.

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13	27	28	29	30	31			

SATURDAY

DAY 035-330 Wk 05

04

(3) Man-made or (Artificial) Ecosystem :-

- It is operated or maintained by man himself. Like Croplands, gardens etc.

* Structure or Components of an Ecosystem

The structure of an Ecosystem describes the relationship between the abiotic (non-living thing) and the biotic (living thing) components.

→ An Ecosystem has 2 main components

- * Biotic (living) components and
- * Abiotic (non-living) components.

(i) Biotic components :- The living organisms in an ecosystem collectively form its community which is known as biotic components or biotic community.

For Example;

- (a) Plants (Producers),
- (b) Animals (consumers),
- (c) Micro-organisms (Decomposers).

SUNDAY 05