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(1)
APRIL '17

2017						
MAY	W	T	W	T	F	S
18	1	2	3	4	5	6
19	7	8	9	10	11	12
20	13	14	15	16	17	18
21	19	20	21	22	23	24
22	25	26	27	28	29	30
	31					

THURSDAY
DAY 110-255 Wk 16

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B.A. Part - I

Paper - I

Date - 17/06/2021

Physical Geography (Unit - III)

Karst Topography

→ Karst topography is named after the typical landforms developed in limestone rocks of Karst region in the Balkans adjacent to the Adriatic Sea or province of Yugoslavia on the Adriatic sea.

→ It includes typical landforms in any limestone or dolomitic region, produced by the action of groundwater through the processes of erosion / solution and deposition.

→ As we know that limestone is an organically formed sedimentary rock. In its pure state, it is made up of calcite or calcium carbonate but where magnesium is also present and it is termed as dolomite.

→ As we know that limestone is soluble in rainwater. Karst topography is a landscape formed from the dissolution of soluble rocks such as limestone, dolomite and gypsum.

→ Karst — "Kras" meaning
"barren land"

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→ Largest karst topography is Mammoth Caves
in Kentucky

FRIDAY

Wk 16 DAY 111-254

APRIL

Wk	M	T	W	T	F
13					
14					
15	10	11	12	13	14
16	17	18	19	20	21
17	24	25	26	27	28

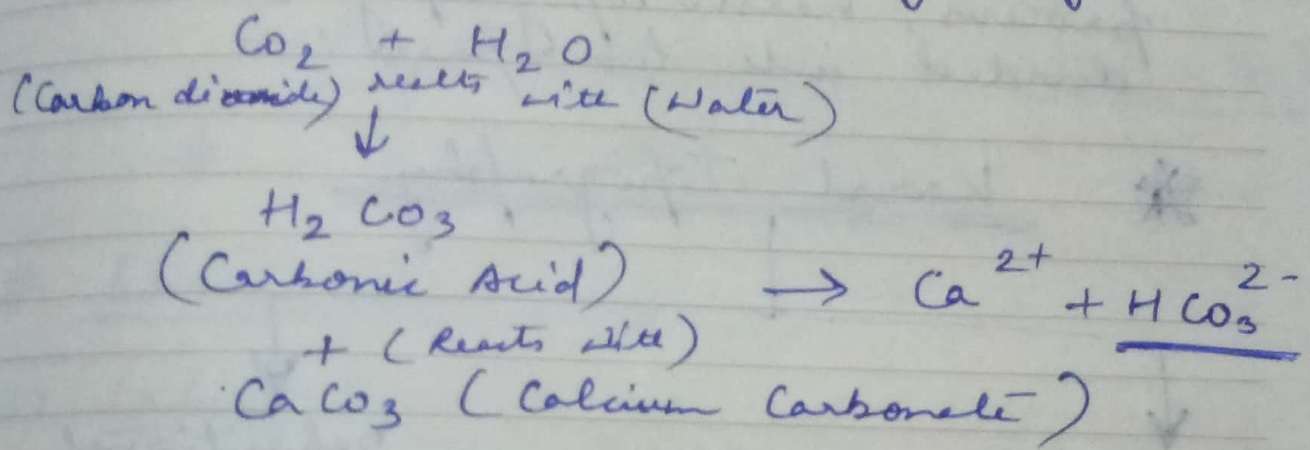
→ Karst topography is characterized by underground drainage systems with sinkholes, caves etc.

Conditions for the formation of karst topography : →

- 1.7 A region with a large stretch of water soluble rocks such as limestone at the surface or sub-surface level.
- 2.7 Limestones should not be porous in nature.
- 3.7 Rocks of the karst topography should be dense, thinly ~~bedded~~ bedded and well jointed.
- 4.7 A perennial source of water and a low water table to allow the formation of conspicuous features.
- 5.7 Moderate to abundant rainfall to cause the solvent action of water i.e. solution of rocks.

2017						
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20	15	16	17	18	19	20
21	22	23	24	25	26	27
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6.7 formation of Karst Topography :-



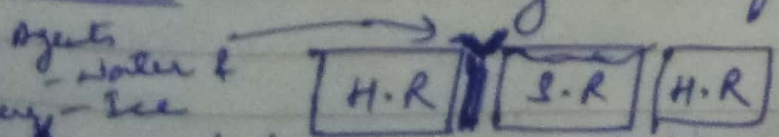
→ Most of the Karst topography is made up of limestone and some where dolostone.

limestone is made up of ^{carbonate of} Calcium (Ca) whereas Dolostone is made up of ^{carbonate of} Magnesium (Mg).

→ 90% of the Karst topography is made up of limestone and 10% were made up of Dolostone or Dolomite.

→ Tree roots ^{that} fracture the rocks is also the important conditions for the formation of Karst topography.

→ Joints - Arrangement of rocks



Joints, broken by the agents and soft rocks were broken and the formation of Karst topography.

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MONDAY

Wk 17 DAY 114-251

APRIL						
Wk	M	T	W	T	F	S
13						
14	3	4	5	6	7	
15	10	11	12	13	14	
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17	24	25	26	27	28	

→ Like other agents of geomorphic process, Karst topography is also divided into two parts :-

