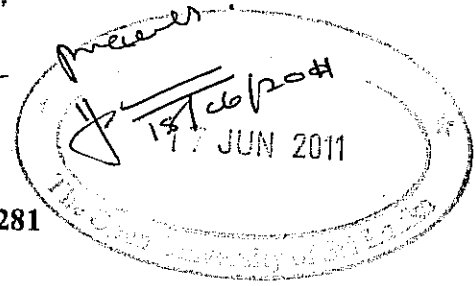


& AL/systems.
ISSUES
Meat



FUNDAMENTALS OF ECOLOGY – ZLU 2281
N.B.T – 2010/2011

REGISTRATION NUMBER :

PART 'B'

Answers should be written within the space provided

1. Question number 1 is based on sedimentary cycles.

1.1. Name the two sedimentary cycles.

1. 2.

1.2. State the major difference between the above mentioned two sedimentary cycles in question number 1.1.

.....
.....

1.3

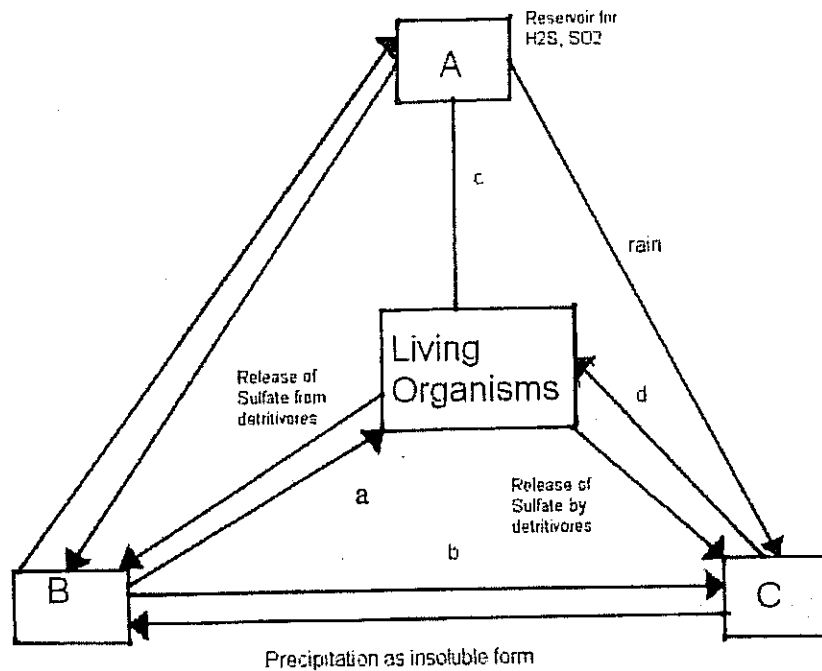


Fig. 1

Question number 1.3– 1.10 is based on Fig. 1.

1.3. State the given sedimentary cycle in Fig. 1.

.....

1.4. Indicate the two phases that are involved in the given sedimentary cycle in Fig.1.

.....

1.5. What is denoted by A, B, and C.

A -

B -

C -

1.6. State the different processes indicated by a, b, c and d.

a-

b-

c-

d-

1.7. Name the three (03) main reservoirs of the above given cycle in Fig 1 in nature.

1.

2.

3.

1.8. "The above given Cycle involves four processes". Name the four processes.

1.

2.

3.

4.

1.9. Name one (01) Chemosynthetic and one (01) photosynthetic bacteria that are involved in decomposition of proteins and vitamins in aerobic environmental conditions.

Chemosynthetic bacteria -

Photosynthetic bacteria -

1.10. Compare the two sedimentary cycles that you mentioned in Q. 1.1 giving 4 reasons.

Sedimentary cycle -	Sedimentary cycle:
1.	1.
2.	2.
3.	3.
4.	4.