

Roll No. ....

Total Pages : 5

MDQ/M-20

10614

POPULATION AND COMMUNITY ECOLOGY

Paper-II

Time Allowed : 3 Hours]

[Maximum Marks : 80

Note : Attempt five questions in all, selecting at least one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

Compulsory Question

1. Briefly explain the following terms :

(a) Population density.

(b) Population fluctuations.

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(b) Density independent factor in Population control.

(c) Population dispersal. 6+6+4=16

UNIT-III                      -III

6. What is Population interaction? Elaborate various negative interactions of population. 16

7. Write short notes on the following :

(a) Symbiosis.

(b) Protosco-operation.

(c) Species diversity.

(d) Ecological dominance. 4×4=16

UNIT-IV **(bdkbZ)**

8. What are the intrinsic and extrinsic factors affecting Weed population density and spread? Discuss in detail.

16

9. Write short notes on the following :

(a) Urban ecosystem.

(b) Agro ecosystem.

(c) Edge effect.

(d) Ecotone.

4×4=16