

University of Mumbai

Curriculum Scheme: Rev2016

All Programs

Examination: FE Semester I_FH2022

Course Code: _____

Course Name: EVS

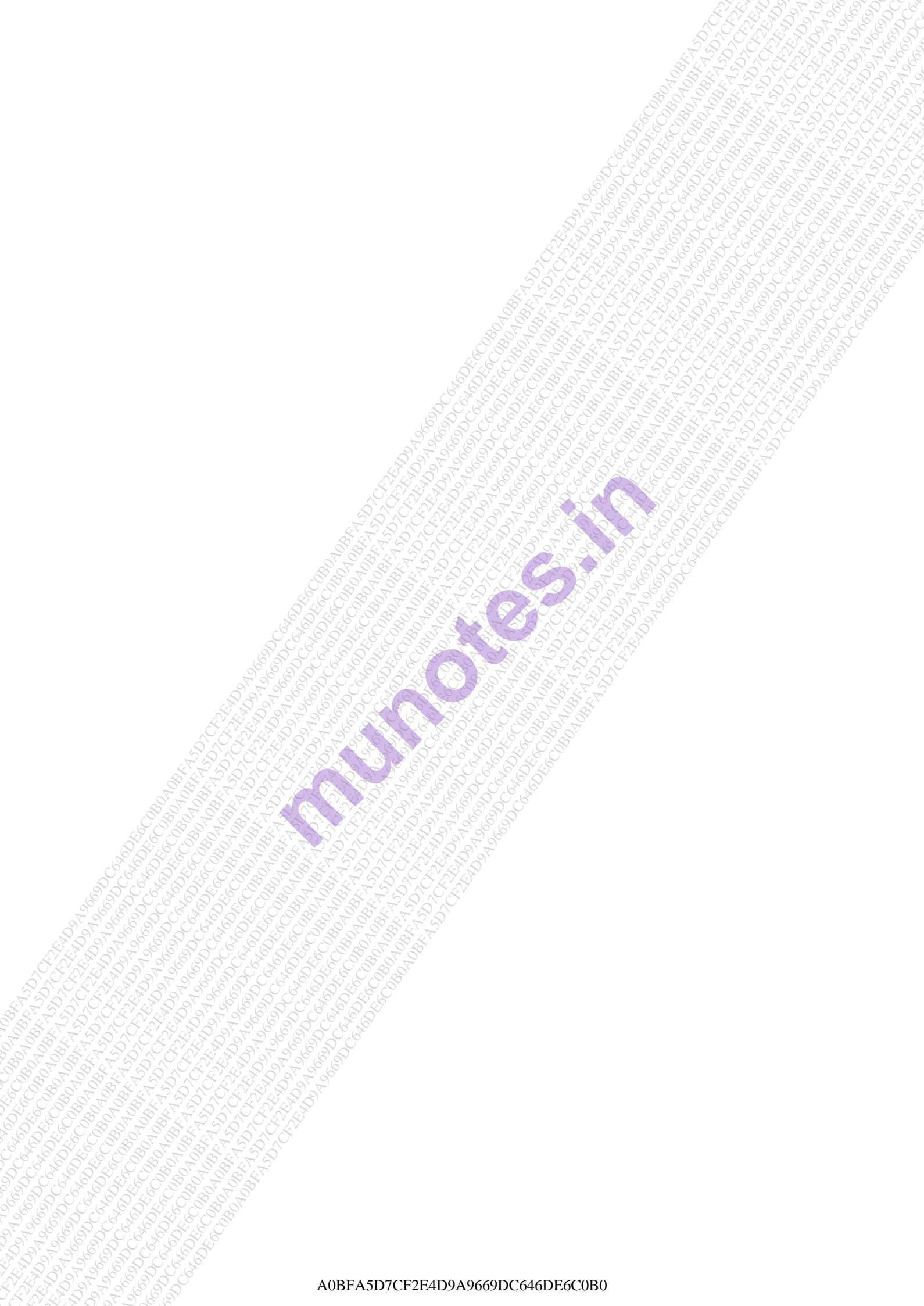
Time: 2 hours

Max. Marks: 60

NOTE to the Question Paper Setter:

Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry 2 marks each.
1.	What type of food chain is it? dead animals → blowfly maggot → maggots → frog → snake
Option A:	Detrital food chain
Option B:	Grazing food chain
Option C:	Parasitic food chain
Option D:	Decomposer food chain
2.	Which of the following requires maximum energy
Option A:	Decomposer
Option B:	Consumer
Option C:	Primary consumer
Option D:	Secondary consumer
3.	Maximum depletion of Ozone occurs on
Option A:	Equator
Option B:	North Pole
Option C:	South Pole
Option D:	Tropics
4.	Energy-----in an Ecosystem
Option A:	Flows
Option B:	is Released
Option C:	is absorbed
Option D:	is penetrated
5.	Which of the following is the chief component formed in Photochemical smog?
Option A:	Carbon dioxide
Option B:	Peroxyacetyl nitrate
Option C:	Chlorofluorocarbon
Option D:	Sulphur dioxide
6.	Which of the following is negative impact of dams?
Option A:	decreased rainfall
Option B:	habitat destruction
Option C:	increased atmospheric carbon dioxide and CFCs
Option D:	acid deposition
Q2	(A) Answer 2 questions out of 3(4 marks each) 08 marks
1	Write important functions of central pollution control Board (CPCB).
2	What is ecological succession?
3	What is carbon foot print?
	(B) Answer 1 questions out of 2 (8 marks each)08 marks

1	What is Nuclear Pollution? What are its sources and effects?
2	Explain principle, construction and working of venturi scrubber.
Q.3	(A) Answer 2 questions out of 3 (4 marks each) 08 marks
1	What is meant by water pollution?
2	What are the limitations of conventional sources of energy?
3	Explain the concept of green building.
	(B) Answer 1 questions out of 2 (8 marks each) 08 marks
1	What is hydropower? Draw a suitable diagram and explain how hydropower is generated.
2	Explain how resource utilization as per carrying capacity is an important control measure for sustainable development.
Q.4	(A) Answer 2 questions out of 3 (4 marks each) 08 marks
1	Explain depleting nature of forests: causes, effects and prevention.
2	Explain the concept of socio-environmental aspects of sustainable development.
3	What are '3R control measures'?
	(B) Answer 1 questions out of 2 (8 marks each) 08 marks
1	What is solid waste? Explain solid waste management by incineration.
2	Explain social and economic aspects of sustainable development.



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