

### 2023/TDC(CBCS)/EVEN/SEM/ EVSAECC-201T/391

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## TDC (CBCS) Even Semester Exam., 2023

#### FOUNDATION COURSE

( For Science, Commerce, BBA and BCA )

( 2nd Semester )

Course No.: EVSAECC-201T

(Environmental Studies)

Full Marks: 50
Pass Marks: 20

Time: 3 hours

The figures in the margin indicate full marks for the questions

## SECTION—A THE THE (d)

Choose the correct answer (any fifteen): 1×15=15

- 1. Terrestrial ecosystem means ecosystem
  - (a) on land
  - (b) in water
  - (c) Both of the above
  - (d) None of the above

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(Turn Over)

SVEYE Z LEEYS	,,
2. The type of succession occurring on a bare rock is called (a) halosere (b) lithosere (c) hydrosere (d) None of the above	6. Biomass energy can be obtained from  (a) energy plantations  (b) petro-crops  (c) agricultural and urban waste biomass  (d) All of the above
3. In any ecosystem all chlorophyll-bearing organisms function as  (a) consumers  (b) producers  (c) decomposers  (d) None of the above	7. Which of the following types of coal has maximum carbon and calorific value?  (a) Bituminous  (b) Lignite  (c) Wood coal  (d) Anthracite
4. The overnourished lakes with 'algal blooms' are called  (a) oligotrophic  (b) eutrophic  (c) dystrophic  (d) None of the above	(a) Coal (b) Petroleum (c) Diesel (d) CNG
5. Major cause of deforestation is  (a) shifting cultivation  (b) fuel wood requirements  (c) raw material for industries  (d) All of the above	9. Who put forward the concept of 'biodiversity hotspot'?  (a) Norman Myers  (b) Charles Darwin  (c) T. H. Morgan  (d) Hugo de Vries

J23/562

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J23/562



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	(d)	None of the abo				f			
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13.	Bho	pal Gas Tragedy	took place in the year	ar		asso	ciated with the		
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	(b)	1986	mire Leading to	1}		(b)	Narmada Movement		
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	(d)	1989	Hilgs de Vira			(d)	Silent Valley Movemen	it bid a s	S. 100 pt
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18. The Seismograph is used to measure the

intensity of

	inte	nsity of		THE A	Soff	[6]	
	(a)	sea wave		TTM to and			
	(b)	cyclone	200010	Loren L 13			
	(c)	earthquake		Wir in a		Ulis	
	(d)	wind			THE STATE OF	(41)	
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	(d)	neem tree		134	35	City	
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Ansv	ver a	ny <i>five</i> of the f	ollowin	g questio	ns :	2×5	=10
21.	Wha	it do you mean	by biog	geochemic	cal cy	cle?	
22.	Wha	at is food web?	monubi -	est's tre	allis	VDV.	
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23. What are the effects of deforestation?

24. What do you mean by renewable resources?

25. Name two biodiversity hotspots in the Indian subcontinent. . Whale Jan

26. What is biosphere reserve?

27. What are primary and secondary pollutants? Give examples.

28. What is solid waste?

29. Define environmental ethics.

torrett de stil 30. What is meant by disaster management?

#### SECTION-C

Answer any five of the following questions: 5×5=25

31. Write a detailed note on ecological succession.

32. Explain how the flow of energy takes place in an ecosystem.

33. Explain renewable and non-renewable energy resources with examples.

J23/562

(Turn Over)

- 34. Give a short description on the alternative sources of energy.
- 35. Discuss briefly about global biodiversity hotspots.

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- 36. Write a note on man-animal conflict in Indian context.
- 37. Write a note on major air pollutants and their effects.
- 38. What are the causes and effects of global es warming?
- 39. Write a brief note on the Silent Valley Movement.
- 40. Write a note on landslides and its mitigation measures.

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19. Define een an meertui's sibilise