Ba/Bs/Bc/Bba/Bca/EVS-601

2. The development of a bare area in the process of ecological and

(6th Semester)

ENVIRONMENTAL STUDIES

Paper: EVS-601

Full Marks: 70

Pass Marks: 45%

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Time: 3 hours

The figures in the margin indicate full marks for the questions

SECTION-A

Put a Tick ☑ mark against the correct answer in the box provided: 1×15=15

1.	Energy flows from one organism to another in an ecosystem in a						
	(a)	phosphate bi-directional manner		(a) savannas			
	(b)	unidirectional manner	8	(b) pampas			
	(c)	cyclic manner		(c) steppes			
	(d)	None of the above	0	(d) prairies			

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2. The development of in the process of	ecologica	area without any life-form
(a) invasion	TAL SO	MAININGHANA
(b) competition a	and co-ac	Faper: B noite Fault Mortes: 70
(c) reaction		Time: 3
(d) nudation		he figures in the mainin indica
3 The tropical gra	sslands i	in Africa with tall grasses stunted trees are called
(a) savannas		(a) bi-directional manner
(b) pampas	밉	(b) unidirectional manner
(c) steppes		(c) cyclic manner
(d) prairies	п П	(d) None of the above

4.		ries l cteristic		DO NOT THE	of the		
	(a) F	reshwat	er and sal	ltwater	nifieation	biomag	(a)
	(b) R	ich biod	liversity	0	cation	detoxifi	(9)
	(c) H	ligh pro	ductivity		lication	cutropl	(2)
	(d) A	ll of the	e above		f the above	None or	(d)
5.	Blue	baby	syndrome ne contami	e (me nation	thaemoglol of	oinemia)	eine iņsi
	(a) p	hospha	te 🗀 🗆	Vars	hermal end	ocean t	(a)
	(b) s	ulphur	diphe 🗖 l-ti	richiore	energydie	nudlear	(d)
	(c) a	rsenic	dioxi D	1 0	nal energy	geothern	(3)
	(d) r	nitrates	-	1	the above	None of	(d)
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6. Accumulation of non-biodegradable materials in the food chain is called	8. Kaziranga National Park is famous for distribution as one of the indemension
(a) Freshwater and sa a rater noisingsmoid (a)	duties of every citizen of India? (a) one-horned rhino onida bennod-eno (a)
(b) Rich biodiversity (b) a Rich biodiversity (d)	(a) Article 42
(c) eutrophication	(c) tiger eratic
(d) None of the above \square evode and to IIA (b)	(d) Article 52
I S Place below	2 Which of the following is responsible for
7. The energy harnessed from the hot rocks present inside the earth is called	9. Bhopal gas tragedy occurred due to the leakage of
(a) ocean thermal energy atsideoid (a)	(a) methyl isocyanate
(b) nuclear energy	(b) dichloro-diphenyl-trichloroethane
(c) geothermal energy	(c) sulphur dioxide
(d) None of the above \Box	(d) dioxins he above
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duti	es of ev	ery citi	izen of	Indi	a?				
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(d)		f the a					phant	ele	(d)
(d)	Article	52							
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		he Env	ironme	ent (F	rote	ction)	ACT CO	me n	110
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(a)	1980								
		- an 35	roethar	chlos	ins-la	pheny	loro-di	dick	(q)
(b)	1981	ir en 3	roethar	chlo	ins-ly	pheny	ib-otol	dick	(d)
							doro-di		
	1981								
	(a) (b) (c) (d)	environment duties of every du	environmental protection duties of every cities (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environmental protection of the every cities (a) 1980	environmental protection duties of every citizen of (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environment force?	environmental protection as of duties of every citizen of India (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environment (Proce?	environmental protection as one of duties of every citizen of India? (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environment (Prote force?	environmental protection as one of the duties of every citizen of India? (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environment (Protection) force?	environmental protection as one of the fundar duties of every citizen of India? (a) Article 42 (b) Article 48A (c) Article 51A(g) (d) Article 52 When did the Environment (Protection) Act conforce?	(a) Article 42

onstitution recognizes one of the fundamental	12. The process of destroying waste materials by burning at a very high temperature is						
(a) one-horned thino	1. (a) a primary treatment						
(b) hangul	(b) composting \square seames (d)						
(c) tiger	(c) incineration \square arburt (a)						
(d) elephant	(d) Indfilling						
Protection) Act come into	13. Which of the following is responsible for desertification?						
(a) methyl isocyanate	(a) Deforestation \square condangered species \square						
(b) dichloro-diphenyl-tri	(b) Overgrazing						
(c) sulphur dioxide	(c) Wilnerable species \Box \Box gniniM (c)						
(d) dioxins 🗆 🗆	(d) All of the above						
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3. Define solid waste. What are the sources of urban

and industrial solid wastes?

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eart	ch among h's largest	storehouse	of bi	odive	sidered as sity?	the
(a)	Tall grass p			ireati	a primary	(a)
	Savannas				compostin	
	Tundra			п		
(d)	Tropical ra	inforests]	landfilling	
Spe	ecies restrict	ed only to	a part	icular	area are ca	alled
	endangere	d species	0 -	001	Deforestati	
(b)	endemic s	pecies			Overgrazin	19)
(c)	vulnerable	species				(0)
(d)	rare speci	es 🗆			All of the a	

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2. What are hotspots B—NOITOSE TOWNIGH are the ...

Answer the following in short:

2×5=10

1. What is global warming?

2. What are hotspots of biodiversity? Which are the hotspots found in India?

4. Write a short note on ecological pyramids.

Answer the following questions: 5×3=15 nswer the following in short:

1. What is global warming? Spring was led in the state of the state of

1. What is a landslide? Briefly discuss the effect and mitigation measures of landslides.

(b) Savannas

2×5=10

(c) Tundra

(d) Tropical rainforests

3. Define solid waste. What are the sources of urban and industrial solid wastes?

5. What do you mean by extinct, endangered, vulnerable and rare species?

(a) endangered species

(b) endemic species DT seatherns.

(c) vulnerable species

(d) rare species

2. What are abims we SECTION—C STORY Produces STORY A

hotspots found in India? Answer the following questions:

5×3=15

1. What is a landslide? Briefly discuss the effect and 1+4=5 mitigation measures of landslides.

5. What do you mean by extinct, endangered, 3. Define solid waste. Whareipperientanbus seldarabluv

2. What is acid rain? Mention some of its effects on the environment.

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3. Discuss biodegradable waste management.

mitigation measures of landalides.

Answer the following questions:

1+4=5

SECTION-D

Answer the following questions:

10×3=30

1. What is a forest ecosystem? Briefly describe the types, characteristics and functions of a forest ecosystem. 1+(3+3+3)=10

2. What is a watershed? Critically discuss the objectives and practices of watershed management. 2+(4+4)=10

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