Ba/Bc/Bs/EVS-501

District Inv.

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=1076/00/HA366

WESTSTELLING

Mittenholleries 160

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2023

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(5th Semester)

ENVIRONMENTAL STUDIES

Paper No.: EVS-501

Full Marks: 70 Pass Marks: 45%

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. Autotrophic organisms in the ecosystem are
 - (a) producers
 - (b) consumers
 - (c) decomposers
 - (d) None of the above

- Tu	arth Summit is	also knowl				
· (a	Environment		nference	on	Human	
(b	United Natio	ns Confere	nce on Er	vironm	ent and	
60		ns Environ	ment Prog	gramme		
(c	I) None of the a					
-	12 C. 19 (F. S. 19) 12 C.	a svin	GKS THE			
	hich of the lagaland?	following i	s a mig	ratory	bird to	
(4	2) Eagle) FIRST To	141107			
- (b) Amur Falcor	. 0	All the s	et met l'ivi	ासमाद्धाः सर्	T
(c) Tragopan	<u>□</u> >001	r.ing			
6	d) Swallow	пДсе ви	D+ (2000)	itum Ti	iofTie	turil turil
4. [disease causing	agents are	called ///	epic hally	pistotus .	9
6	a) pollutants	П	(0) (0.5)	seculi	भाग भाग	
(b) pathogens	D	#	=20×111/=	ноп ///1	
(e) carcinogens			entitione:	21th (5)	
fe	i) wastes		34744	ad to a	(d) Von	
Ba/Bc/	Bs/EVS-501/100	2			.0	O.J

5.	Wo	rld Enviro	nment D	ay is o	bactvo	d on	Office of the	TI (2.76
1	(a)	5th July			T.		non d	570
	(b)	20th Oc	ober			17	100	
	(c)	5th June	· D				Hymil.	
	(d)	15th Jan	nuary				E11771	(Tri)
6.	The	e Wildlife (Conservat	ion A	t was	passed		
	(a)	1970					TRU	
	(b)	1972	D		-		hriW	
5	(c)	1974					U	1114
1	(d)	1976			3.1		te mioli	/60
4 5	SW				, C	169	T-mm-T	[15]
	M11 (a)	cadmiun	sporting the tr			====	nithers	17:41
	(b)	mercury	П		23.4	Jet To	Long #3	
	(c)	iron		3.	THOSE	10.503	Sant of a	7/tr
ĺ	(d)	arsenic		0			The same	
		ch of the	followin	g is r			ple of bi	
(a)	Plant					103	(40)
(b)	Fungus					19	
(6	e)	Animal						140
(6	1)	Plastic				d		21
Ba/Bc/	Bs,	EVS-501/	100	3		-6		P.T.O.

						AND HE	- N
9.	AID	S is caused	by	h-175001	LIATEDO		W
	(a)	bacteria					
	(b)	virus	D		- 40	an terrili	
	(c)	fungi				MT	15%
	(d)	insects			7	an arried	1991
10.	Wh	ich of the fo ources?	llowing is	not an e			ole of
						TI STI	
	(a)					22.4	
	(b)	Water		P			-1
	(c)	Solar ener	EV 🗆			77(4)	
	(d)	Fossil fuel					
11.	Wh	ich of the f	ollowing py	ramida	is alway:	s upright?	•
	(a)	Pyramid o	f biomass				
	<i>(b)</i>	Pyramid o	f number				
	(c)	Pyramid o	f energy			AH-11	
	(d)	All of the	above			A	1999
	47		les les pa		Smithal =	es sa dil	16
12.	The	major ozo	ne depletin	g agent	is	1300Pm	
	(a)	SO ₂				+4	
	(b)	O ₃ [1		II)	halfen. T	
	(c)	CH ₄			6	I same	195
	(d)	CFC					196
and the Warre		TENIO EDI IN	00		I HE STATE		

13.	Wo	orld Population Day is	observe	d on
13.5	(a)	September 11	D ^a	A STATE OF STATE STATE OF
	(b)	June 11		T. Billion recognition
	(c)	July 11		
	(d)	August 5		
14.	Thus	e resources whose que ed in the present are o	intity is l	cnown and are being
	(a)	stock resources		
	(b)	potential resources	O	
	(c)	reserve resources		
	(d)	actual resources	П	
15.	Tho	ose rare species which graphical location are	are fou	nd only in a specific
	(a)	vulnerable species		
	(b)	endemic species		
	(c)	threatened species		
	(d)	endangered species		
Ba/B	c/Bs	/EVS-501/100	5	(P.T.O.

SECTION—B

- A. Answer the following in not more than 100 words 2×5=10 each:
 - Define ecosystem.

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T. Assessed Hill

To express a constant Wi

 Mention two roles of an individual inconservation of natural resources. Define secondary air pollutants with examples. 300

4. What do you understand by species diversity?

5. What is population explosion?

B. Answer any three of the following:

5×3=15

Explain the functioning of an ecosystem.

Differentiate between renewable and nonrenewable resources with examples. List ten biogeographical zones of India.

4. What are the causes and effects of nuclear hazards?

 How can HIV/AIDS be controlled? Mention two causes of HIV/AIDS.

C. Answer any three of the following:

10×3=30

Discuss the role of producers, consumers and decomposers in an ecosystem.

4+4+2=10

 Define forest resources. Write a short note on the uses of forest resources. Mention four impacts of deforestation. Discuss the value of biodiversity in detail.

10

 Define marine pollution. Mention the causes and 2+4+4≈10 Explain the role of information technology in environment and human health.