PAPER-II

ENVIRONMEN'	TAL SCIENCES								
Signature and Name of Invigilator	217								
1. (Signature)(Name)	OMR Sheet No.:(To be filled by the Candidate)								
, ,	Roll No.								
2. (Signature)(Name)	(In figures as per admission card)								
	Roll No								
J A 0 8 9 1 7	(In words)								
Time : 1 ¹ / ₄ hours]	[Maximum Marks : 100								
Number of Pages in this Booklet: 12	Number of Questions in this Booklet : 50								
Instructions for the Candidates	परीक्षार्थियों के लिए निर्देश								
1. Write your roll number in the space provided on the top of	1. इस पृष्ठ के ऊपर नियत स्थान पर अपना रोल नम्बर लिखिए ।								
this page. 2. This paper consists of fifty multiple-choice type of questions.	2. इस प्रश्न-पत्र में पचास बहुविकल्पीय प्रश्न हैं।								
3. At the commencement of examination, the question booklet	3. परीक्षा प्रारम्भ होने पर, प्रॅशन-पुस्तिका आपको दे दी जायेगी । पहले पाँच मिनट आपको प्रशन-पुस्तिका खोलने तथा उसकी निम्नलिखित								
will be given to you. In the first 5 minutes, you are requested	जाँच के लिए दिये जायेंगे, जिसकी जाँच आपको अवश्य करनी है :								
to open the booklet and compulsorily examine it as below: (i) To have access to the Question Booklet, tear off the paper	(i) प्रश्न-पुस्तिकां खोलने के लिए पुस्तिका पूर लगी कागज् की सील								
seal on the edge of this cover page. Do not accept a booklet	को फाँड़ लें । खुली हुई या बिना स्टीकर-सील की पुस्तिका स्वीकार न करें ।								
without sticker-seal and do not accept an open booklet.	(ii) कवर पष्ठ पर छपे निर्देशानसार प्रश्न-पस्तिका के पष्ठ तथा								
(ii) Tally the number of pages and number of questions in the booklet with the information printed on the cover	प्रश्नों की संख्या को अच्छी तरह चैक कर ले कि ये पूरे								
page. Faulty booklets due to pages/questions missing	हैं । दोषपूर्ण पुस्तिका जिनमें पृष्ठ/प्रश्न कम हों या दुबारा औ गये हों यो सीरियल में न हो अर्थात किसी भी प्रकार की								
or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a	त्रृटिपूर्ण पुस्तिका स्वीकार न करें तथा उसी समय उसे								
correct booklet from the invigilator within the period	लौटाकेर उसके स्थान पर दूसरी सही प्रश्न-पुस्तिका ले लें ।								
of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.	इसके लिए आपको पाँच मिनट दिये जायेंगे ँ। उसके बाद न तो आपकी प्रश्न-पुस्तिका वापस ली जायेगी और न ही आपको								
(iii) After this verification is over, the Test Booklet Number	अतिरिक्त समय दिया जायेगा ।								
should be entered on the OMR Sheet and the OMR	(iii) इस जाँच के बाद प्रश्न-पुस्तिका का नंबर OMR पत्रकू पर अंकि़त करें								
Sheet Number should be entered on this Test Booklet.	और OMR पत्रक का नंबर इस प्रश्न-पुस्तिका पर अंकित कर दें।								
(iv) The test booklet no. and OMR sheet no. should be same.In case of discrepancy in the number, the candidate should	(iv) प्रश्न पुस्तिका नं. और OMR पत्रक नं. समान होने चाहिए । यदि नंबर् भिन्न हों, तो प्रीक्षार्थी प्रश्न-पुस्तिका / OMR पत्रक बदलने								
immediately report the matter to the invigilator for	के लिए निरीक्षक को तुरंत सूचित करे ।								
replacement of the Test Booklet / OMR Sheet. 4. Each item has four alternative responses marked (1), (2), (3)	4. प्रुत्येक प्रश्न् के लिए चार् उत्तर विकल्प (1), (2), (3) तथा (4) द्विये गये								
and (4). You have to darken the circle as indicated below on	हैं । आपको सही उत्तर के वृत्त को पेन से भरेकर कीला करना है जैसा कि नीचे दिखाया गया है :								
the correct response against each item.									
Example: (1) (2) (4)	उदाहरण : (1) (2) ● (4) जबिक (3) सही उत्तर है ।								
where (3) is the correct response. 5. Your responses to the items are to be indicated in the OMR	5. प्रश्नों के उत्तर केवल प्रश्न पुस्तिका के अन्दर दिये गये OMR पत्रक पर ही अंकित								
Sheet given inside the Booklet only. If you mark your	करने हैं । यदि आप OMR पत्रक पर दिये गये वृत्त के अलावा किसी अन्य								
response at any place other than in the circle in the OMR	स्थान पर उत्तर चिह्नांकित करते हैं, तो उसका मूल्यांकन नहीं होगा । 6. अन्दर दिये गये निर्देशों को ध्यानपूर्वक पढ़ें ।								
Sheet, it will not be evaluated. 6. Read instructions given inside carefully.	6. अन्दर दिय गय निदशा का ध्यानपूबक पढ़ ।7. कच्चा काम (Rough Work) इस पुस्तिका के अन्तिम पृष्ट पर करें ।								
7. Rough Work is to be done in the end of this booklet.	8. यदि आप OMR पत्रक पर नियत स्थान के अलावा अपना नाम, रोल								
8. If you write your Name, Roll Number, Phone Number or put	नम्बर, फ्रोन नम्बर् या कोई भी ऐसा चिह्न जिससे आपकी पहचान हो								
any mark on any part of the OMR Sheet, except for the space allotted for the relevant entries, which may disclose your	सके, अंकित करते हैं अथवा अभद्र भाषा का प्रयोग करते हैं, या कोई अन्य अनुचित साधन का प्रयोग करते हैं, जैसे कि अंकित किये गये								
identity, or use abusive language or employ any other unfair	उत्तर को मिटाना या सफेद स्याही से बदलना तो परीक्षा के लिये								
means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.	अयोग्य घोषित किये जा सकते हैं ।								
9. You have to return the Original OMR Sheet to the invigilators	9. आपको परीक्षा समाप्त होने पर मूल OMR पत्रक निरीक्षक महोदय को								
at the end of the examination compulsorily and must not	लौटाना आवश्यक है और परीक्षा समाप्ति के बाद उसे अपने साथ परीक्षा भवन से बाहर न लेकर जायें । हालांकि आप परीक्षा समाप्ति पर मूल प्रश्न-पुस्तिका								
carry it with you outside the Examination Hall. You are, however, allowed to carry original question booklet on	अपने साथ ले जा सकते हैं ।								
conclusion of examination.	10. काले बाल प्वाईट पेन का ही इस्तेमाल करें ।								
10. Use only Black Ball point pen.	11. किसी भी प्रकार का संगणक (कैलकुलेटर) या लाग टेबल आदि का								
11. Use of any calculator or log table etc., is prohibited. 12. There is no negative marks for incorrect answers.	प्रयोग वर्जित है । 12. गलत उत्तरों के लिए कोई नकारात्मक अंक नहीं हैं ।								
was a segment marine for meditest unement	12, नरात जाता का रहाडू का इ नकारात्मक जाक महा है ।								

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ENVIRONMENTAL SCIENCES

Paper – II

Note: This paper contains fifty (50) objective type questions of two (2) marks each. All questions are compulsory.

	qu	estions are compulsory.		
1.		ch of the following methods is ge nedical waste?	nerally	y not adopted for the safe disposal of
	(1)	Incineration	(2)	Hydroclaving
	(3)	Landfilling	(4)	Shredding after disinfection
2.		ch of the following prompted the Go	ovt. of	India to enact Environment (Protection)
	(1)	River Ganga Water Pollution	(2)	Endosulfan tragedy in Kerala
	(3)	London Smog	(4)	Bhopal Gas Tragedy
3.		ection and improvement of environment hasized in constitution of India under t		nd safeguarding of forest and wildlife is
	(1)	48 A	(2)	21
	(3)	47	(4)	46
4.	Envi	ironmental Relief Fund was established	d unde	er the provisions of
	(1)	The Environment (Protection) Act, 1	986	
	(2)	The Indian Wild Life (Protection) Ad	ct, 197	72
	(3)	The Public Liability Insurance Act, 1	991	

The Forest (Conservation) Act, 1980

(4)

5.	A type of lake that forms in the depression of the earth's crust between two parallel faults is known as				
	(1)	Grade lake	(2)	Surface lake	
	(3)	Graben lake	(4)	Glacial lake	
6.		ase of plumes from a tall stack location is observed when in the atmosph		on flat terrain 'Lofting' type of plume	
(1) inversion conditions prevail below the stack height.					
	(2)	strong lapse rate conditions exist.			
	(3)	inversion conditions exist above the	stack ł	neight.	
	(4)	weak lapse rate conditions exist.			
7.	Turb	oulent updrafts and downdrafts flows a	re an e	example of	
	(1)	Synoptic scale phenomena	(2)	Planetary scale phenomena	
	(3)	Meso-scale phenomena	(4)	Micro-scale phenomena	
8.	A ni	che of the species where there is no co	mpeti	tion from other species is called	
	(1)	hyper volume niche	(2)	habitat	
	(3)	fundamental niche	(4)	realized niche	
9.	Diss	ipative process of energy during photo	synthe	esis in a plant is	
	(1)	Decomposition	(2)	Senescence	
	(3)	Respiration	(4)	Mineralization of humus	
10.	Whi	ch of the following substances is gener	ally n	ot considered toxic?	
	(1)	Carbonic acid	(2)	Carbon monoxide	
	(3)	Acetaldehyde	(4)	Benzene	
	(3)	Acciaidenyde	(4)	Delizelle	

11.	Percentage of tropospheric ozone in relation to total atmospheric ozone is about					
	(1)	90%	(2)	10%		
	(3)	50%	(4)	80%		
12.	Amo	ong the following, which one is the mo	st haz	ardous chemical in the atmosphere?		
	(1)	Dioxin	(2)	Carbon monoxide		
	(3)	Halons	(4)	CFCs		
13.	The	technique, which is fastest for measuri	ng org	ganic carbon is,		
	(1)	COD	(2)	BOD ₅		
	(3)	BOD ₇	(4)	TOC		
14.	With	n increase in temperature, the specific of	conduc	ctivity of water		
	(1)	remains unchanged	(2)	increases		
	(3)	decreases	(4)	makes the water turbid		
15.	Acc	ording to ZSI (GOI), which one of the	follow	ring birds declined by 99%?		
	(1)	Sparrow	(2)	Pink-headed Duck		
	(3)	Pond heron	(4)	White backed Vulture		
16.		· ·		in Endangered species (CITES) COP 17,		
		ch one of the following is transferred arry 2017.	d fron	n CITES Appendix II to Appendix I by		
	(1)	Gorilla	(2)	Pangolin		
	(3)	Tapir	(4)	Mongoose		
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1/.	Tax	onomic diversity of a region with sever	ai ccc	osystems is .
	(1)	Alpha diversity	(2)	Beta diversity
	(3)	Gamma diversity	(4)	Sigma diversity
18.	Soil	water available to roots is		
	(1)	Surface water	(2)	Hygroscopic water
	(3)	Gravitational water	(4)	Capillary water
19.	C_4 p	lants are commonly found in		
	(1)	Arid and hot environment		
	(2)	Humid and low temperature environi	nent	
	(3)	Temperature environment		
	(4)	Semi-humid and rainy environment		
20.		point at which the light intensity is juch equal to the energy used in respiration Equal point		ough to produce energy by photosynthesis called Regulatory point
	(3)	Compensation point	(4)	Complementary point
21.		global pattern of prevailing winds drents called	ives th	ne cell – like circulation pattern of ocean
	(1)	Trade winds	(2)	Gyres
	(3)	Jet Streams	(4)	Shallow drifts
22.	As t	he number of species in a food web inc	creases	S
	(1)	Food chain length tends to increase.		
	(2)	System tends to be unstable.		
	(3)	Energy flow decreases.		
	(4)	System tends to collapse completely.		

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	(4)	Olivine, Pyroxene, Hornblende, Mic	a, Qua	urtz
	(3)	Hornblende, Olivine, Mica, Pyroxen	e, Qua	artz
	(2)	Olivine, Pyroxene, Hornblende, Mic	a, Qua	artz
	(1)	Pyroxene, Hornblende, Olivine, Mic	a, Qua	urtz
	_	a deep source. Which among the following		0 1
27.	Mag	ma starts to crystallise when it loses	heat	during its upward rise to shallower level
	(3)	(a), (b) and (c) only	(4)	(a), (b), (c) and (d)
	(1)	(a) only	(2)	(a) and (b) only
	Cho	ose the correct code :		
	(d)	specific retention capacity		
	(c)	specific yield		
	(b)	Permeability		
	(a)	Porosity		
26.	Grou	andwater movement depends on the fo	ollowir	ng characteristics of rock materials.
	(3)	New Delhi	(4)	Colombo
	(1)	Bangkok	(2)	Beijing
	held	in		
25.	Asia	n Ministerial Conference on Disaster	Risk F	Reduction – 2016 (AMCDRR – 2016) was
	(3)	Geo-synchronous orbit	(4)	Equatorial orbit
	(1)	Elliptical orbit	(2)	Sun-synchronous orbit
24.	Rem	ote sensing satellites for earth observa	ation a	re normally located in
	(3)	111 km	(4)	121 km
	(1)	91 km	(2)	101 km

23. Each degree of latitude on the earth's surface represents approximately

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	(4)	Enhances the absorption of solar radi	ation (onto the absorber plate.	
	(3)	Reduces conduction and radiation los	ses		
	(2)	Reduces conduction losses			
	(1)	Reduces convection losses			
32.		ch of the following statements is true is sor plastic) above the absorber plate?		tion to solar flat plate collectors? Glazing	
	(1)	pH is in the range 6.6 to 7 pH is in the range 7 to 7.2	(2)(4)	pH < 6.2 pH is in the range 7.6 to 8	
31.	In a biogas digestor having biomass and animal wastes as feed, for optimum methane production, the value of pH should be such that initially				
	(3)	0.83	(4)	0.72	
	(1)	0.96	(2)	0.92	
30.	The	maximum efficiency of hydrogen fuel	cell is		
	(3)	~ 27.5 PJ	(4)	~ 49 PJ	
	(1)	~ 10 PJ	(2)	~ 18.6 PJ	
29.	•	odro power plant has a reservoir storage 00 m. What is its potential energy?	e capa	acity of 2×10^3 m ³ and its maximum head	
	(3)	~ 1020.41 m ³ /s	(4)	$\sim 800.00 \text{ m}^3/\text{s}$	
	(1)	$\sim 102.00 \text{ m}^3/\text{s}$	(2)	~ 1560.24 m ³ /s	
28.		000 MW dam has maximum head of 2 ines? (Neglect losses)	200 m	. What is the rate of falling water on the	

33.	Marine pollution is caused by				
	a.	Sewage			
	b.	Land runoff			
	c.	Oil spills			
	d.	Ocean mining			
	Cho	ose the correct code:			
	(1)	a, c, and d only	(2)	c and d only	
	(3)	a, b, c and d	(4)	d, c, b only	
34.	Whi	ch of the following wave properties is	<u>not</u> ta	ken advantage of in controlling noise?	
	(1)	Absorption	(2)	Damping	
	(3)	Interference	(4)	Diffraction	
35.	The	reaction $O_2 \rightarrow 2O$, which occurs in th	e strat	osphere, does not occur in the troposphere	
	to pi	roduce ozone due to			
	(1)	lower tropospheric temperature	(2)	absence of λ < 242 nm radiation	
	(3)	high air pressure	(4)	high gas molecule concentrations	
36.	The most important global sink process for aerosols is				
	(1)	Interception	(2)	Sedimentation	
	(3)	Impaction	(4)	Wet deposition	
37.		tify the correct sequence with referer ects:	ice to	environmental clearance process for new	
	(1)	Appraisal \rightarrow Screening \rightarrow Scoping -	→ Pul	blic Consultation	
	(2)	Screening \rightarrow Scoping \rightarrow Public Con	sultati	$on \rightarrow Appraisal$	
	(3)	Scoping \rightarrow Public Consultation \rightarrow A	pprais	sal → Screening	
	(4)	Public Consultation \rightarrow Appraisal \rightarrow	Scree	$ning \rightarrow Scoping$	
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Whi	ch of	the fo	ollow	ing ele	ments ha	s the lo	ngest	oceanic resid	lence tim	e ?	
(1)	Iron	l					(2)	Lead			
(3)	Calo	cium					(4)	Sodium			
The	purpo	ose of	offsł	nore isl	ands is fo	ocussed	for si	te or landsca	pe restor	ation to	
(1)	prov	vide li	nkag	e betw	een move	ement a	and ge	netic interch	ange of s	pecies.	
(2)	fost	er pop	oulati	ons of	endangei	red spec	cies w	ithout native	or introd	luced pre	dators.
(3)	incr	ease t	he av	ailabil	ity of hab	oitats.					
(4)	incr	ease t	he sta	abiliza	tion of su	rface co	over a	nd protect th	e animal	corridor	on land.
Mato	ch the	List-	I and	List-I	I. Identify	the co	rrect a	answer from	the codes	s given b	elow :
	List	t – I			List	– II					
	(Ser	ries)		(I	Life Cycle	e Analy	ysis)				
(a)	ISO	1404	0	(i) In	terpretati	on					
(b)	ISO	1404	1	(ii) In	npact asse	essment	t				
(c)	ISO	1404	2	(iii) Pr	rinciples a	and frar	newoi	·k			
(d)	ISO	1404	3	(iv) In	ventory A	Analysi	S				
Cod	es:										
	(a)	(b)	(c)	(d)							
(1)	(i)	(ii)	(iii)	(iv)							
(2)	(iv)	(iii)	(ii)	(i)							
(3)	(i)	(iv)	(ii)	(iii)							
(4)	(iv)	(i)	(iii)	(ii)			n				Donar I
	(1) (3) The (1) (2) (3) (4) Matc (a) (b) (c) (d) Cod (1) (2) (3)	(1) Iron (3) Calc The purpo (1) prov (2) fost (3) incr (4) incr (4) incr (Ser (a) ISO (b) ISO (c) ISO (d) ISO Codes: (a) (1) (i) (2) (iv)	(1) Iron (3) Calcium The purpose of (1) provide life (2) foster pop (3) increase the (4) increase the List – I (Series) (a) ISO 1404 (b) ISO 1404 (c) ISO 1404 (d) ISO 1404	(1) Iron (3) Calcium The purpose of offsh (1) provide linkage (2) foster population (3) increase the available increase the state (4) increase the state (5) List – I (8eries) (a) ISO 14040 (b) ISO 14041 (c) ISO 14042 (d) ISO 14043 Codes: (a) (b) (c) (1) (i) (ii) (iii) (2) (iv) (iii) (iii) (3) (i) (iv) (iii)	(1) Iron (3) Calcium The purpose of offshore island (1) provide linkage between (2) foster populations of (3) increase the availability (4) increase the stabilization (4) increase the stabilization (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	(1) Iron (3) Calcium The purpose of offshore islands is form (1) provide linkage between move (2) foster populations of endanger (3) increase the availability of hab (4) increase the stabilization of su Match the List-I and List-II. Identify List - I List (Series) (Life Cycle (a) ISO 14040 (i) Interpretation (b) ISO 14041 (ii) Impact asses (c) ISO 14042 (iii) Principles and (d) ISO 14043 (iv) Inventory And Codes: (a) (b) (c) (d) (1) (i) (ii) (iii) (iv) (2) (iv) (iii) (iii) (iii) (3) (i) (iv) (iii) (iiii)	(1) Iron (3) Calcium The purpose of offshore islands is focussed (1) provide linkage between movement at (2) foster populations of endangered spect (3) increase the availability of habitats. (4) increase the stabilization of surface contains the List-I and List-II. Identify the contains (1) List – II (Series) (Life Cycle Analysis) (2) (3) (4) (4) (4) (4) (4) (5) Impact assessment (5) ISO 14041 (6) Impact assessment (7) Impact assessment (8) ISO 14042 (11) Principles and frame (1) ISO 14043 (11) Inventory Analysis (11) Codes: (a) (b) (c) (d) (1) (ii) (iii) (iii) (iv) (2) (iv) (iii) (iiii) (iii) (iii) (iiii) (iii) ((1) Iron (2) (3) Calcium (4) The purpose of offshore islands is focussed for signature (1) provide linkage between movement and general species with the List-I and List-II. Identify the correct at List – I List – II (Series) (Life Cycle Analysis) (a) ISO 14040 (i) Interpretation (b) ISO 14041 (ii) Impact assessment (c) ISO 14042 (iii) Principles and framework (1) Interpretation (d) ISO 14043 (iv) Inventory Analysis Codes: (a) (b) (c) (d) (1) (i) (ii) (iii) (iv) (2) (iv) (iii) (iii) (ii) (3) (i) (iv) (iii) (iii)	(1) Iron (2) Lead (3) Calcium (4) Sodium The purpose of offshore islands is focussed for site or landscal (1) provide linkage between movement and genetic interchal (2) foster populations of endangered species without native increase the availability of habitats. (4) increase the stabilization of surface cover and protect the increase the stabilization of surface cover and protect the increase the stabilization of surface cover and protect the increase the stabilization of surface cover and protect the increase the increase the stabilization of surface cover and protect the increase the stabilization of surface cover and protect the increase the increase the stabilization of surface cover and protect the increase the increase the stabilization of surface cover and protect the increase the increase the stabilization of surface cover and protect the increase the increase the availability of habitats. (4) increase the availability of habitats. (5) Life Lycle Analysis (6) ISO 14040 (i) Interpretation (7) Interpretation (8) ISO 14041 (ii) Impact assessment (9) ISO 14042 (iii) Principles and framework (10) ISO 14043 (iv) Inventory Analysis (8) ISO 14043 (iv) Inventory Analysis (9) ISO 14043 (iv) Inventory Analysis (10) Interpretation (iv) Interpretation (iv) Inventory Analysis (11) Interpretation (iv) Inventory Analysis (12) Interpretation (iv) Inventory Analysis (13) Interpretation (iv) Inventory Analysis (14) Interpretation (iv) Inventory Analysis	(1) Iron (2) Lead (3) Calcium (4) Sodium The purpose of offshore islands is focussed for site or landscape restor (1) provide linkage between movement and genetic interchange of species without native or introd (3) increase the availability of habitats. (4) increase the stabilization of surface cover and protect the animal Match the List-I and List-II. Identify the correct answer from the codes List I List II (Series) (Life Cycle Analysis) (a) ISO 14040 (i) Interpretation (b) ISO 14041 (ii) Impact assessment (c) ISO 14042 (iii) Principles and framework (d) ISO 14043 (iv) Inventory Analysis Codes: (a) (b) (c) (d) (1) (i) (ii) (iii) (iv) (2) (iv) (iii) (iii) (iii) (3) (i) (iv) (iii) (iii)	(3) Calcium (4) Sodium The purpose of offshore islands is focussed for site or landscape restoration to (1) provide linkage between movement and genetic interchange of species. (2) foster populations of endangered species without native or introduced pre (3) increase the availability of habitats. (4) increase the stabilization of surface cover and protect the animal corridor (Series) (Life Cycle Analysis) (a) ISO 14040 (i) Interpretation (b) ISO 14041 (ii) Impact assessment (c) ISO 14042 (iii) Principles and framework (d) ISO 14043 (iv) Inventory Analysis Codes: (a) (b) (c) (d) (1) (i) (ii) (iii) (iii) (iv) (2) (iv) (iii) (ii) (iii) (iii) (3) (i) (iv) (iii) (iii)

Pape	er-II		10	JA-089-17					
	(3)	4	(4)	20					
	(1)	3	(2)	5					
	1, 2,	3, 5, 8 and 100; is							
45.	The	median value of the following data:							
	(3)	0.72	(4)	0.52					
	(1)	0.85	(2)	0.67					
		ance of the residue is 0.52, then R-square							
44.				e of the observed variable Y is 1.57 and					
	(3)	Severe drought	(4)	Sex ratio					
	(1)	Predation	(2)	Territoriality					
43.		ch one of the following is a density ral population?	– inde	ependent factor that limits the size of the					
	(3)	Histogram	(4)	Box plot					
	(1)	stem and leaf plot	(2)	Pie chart					
42.	A gr	aphical representation where frequenc	ies are	plotted against class intervals is called					
	(3)	a, b and c	(4)	b and c only					
	(1)	a only	(2)	b only					
		ose the correct code :	(=)						
	c.	Contingent valuation							
	b.	Travel cost							
	a.	Hedonic pricing							

41. Which of the following can be used for valuing environmental amenities?

46.	Exchangeable sodium percentage (ESP) $>$ 40, and pH $>$ 9.8 are characteristic of						
	(1)	Acidic soil	(2)	Weak saline soil			
	(3)	Strongly saline soil	(4)	Eroded soil			
47.	The	climate meet COP-22 was held in whi	ch cou	intry?			
	(1)	Morocco	(2)	South Africa			
	(3)	Malaysia	(4)	Indonesia			
48.	In a		kious į	gases such as H ₂ S and CH ₄ is associated			
	(1)	abundant algal growth	(2)	oxygen depletion			
	(3)	absence of macrophytic vegetation	(4)	excess of dissolved oxygen			
49.	Seve	ere drought is declared if					
	(1)	Deficit of rainfall is more than 50 pe	rcent (of the normal.			
	(2) Deficit of rainfall varies between 25-45 percent of the normal.						
	(3) Rainfall deficit exceeds 25 percent of the normal.						
	(4) Rainfall deficit is between 15-25 percent of the normal.						
50.	The	Global Warming Potential (GWP) of a	a subst	tance depends on			
	a.	the spectral band of its absorbing wa	veleng	eths.			
	b.	its residence time in atmosphere.					
	c.	its number of carbon molecules.					
	d.	concentration of the substance.					
	Cho	ose the correct answer:					
	(1)	a, b and c only	(2)	b, c and d only			
	(3)	a, c and d only	(4)	b, d and a only			

Space For Rough Work