## Module Name : PhD Ecology-E Exam Date : 20-Sep-2020 Batch : 16:00-18:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negativ Marks
Objec	tive Question			
	1	Indian Eco-mark logo is	4.0	1.00
		A1 Cold drink bottle		
		:		
		A2 An earthen pot		
		A3 Plastic bucket		
		A4 Cardboard box		
hiaa	tive Question			
ojec	2	Trickling filter technique used to	4.0	1.00
	_	Trickling filter technique used to		1.00
		A1 Control air pollution		
		A2 Treat solid waste		
		i reat solid waste		
		A3 Treat waste water		
		:		
		A4 Control noise level		
bjec	tive Question		4.0	1.00
	3	Cloud seeding is a phenomenon adapted to induce	4.0	1.00
		A1 : Infiltration		
		A2		
		A2 Precipitation		
		A3 Evaporation		
		A4 Thermal inversion		
bjec	tive Question			1.00
	4	Expand SBR in wastewater treatment.	4.0	1.00
		A1 Sequencing Batch Reactor		
		· -		

		A2 : Soil Bio Reactor		
		A3 Sediment Batch Reactor		
		A4 : Surface Bio Reactor		
Objec	tive Question			
5	5	Itai-Itai is caused by the contamination of water due to	4.0	1.00
		Al Sulphur		
		A2 : Cadmium		
		A3 Arsenic		
		A4 Phosphate		
	tive Question			
6	6	Conference of the Parties 23 (COP - 23) summit was held at	4.0	1.00
		Al Paris, France		
		A2 Marrakech, Morocco		
		A3 Bonn, Germany		
		A4 Italy :		
Objec	tive Question			
7	7	Clouds which extends vertically are called as	4.0	1.00
		A1 Nimbus clouds		
		A2 : Cirrus clouds		
		A3 Cumulus clouds		
		A4 Stratus clouds		
Objec	tive Question			
8	8	Trophic level in an ecosystem is referred as	4.0	1.00
		A1 Stage in an ecological niche		

	:		
	A2 Stage in a food chain		
	A3 Axis around earth		
	A4 Energy level		
bjective Quest	on		
9	A graph that uses vertical bars to represent data is called a	4.0	1.00
	A1 Line graph		
	A2 : Bar graph		
	A3 Scatterplot		
	A4 Vertical graph		
bjective Quest	ion		
10		1.0	1.00

10 10	The primary mixture of biogas is	4.0	1.00
	A1 Methane and Hexane		
	A2 : Methane and Carbon dioxide		
	A3 Methane and Propane		
	A4 Methane and Butane		
Objective Que	tion		
11 11	Knock-Knee syndrome is caused by	4.0	1.00
	Al Lead pollution		
	A2 Fluoride pollution		
	A3 Mercuric pollution		
	A4 : Arsenic pollution		
Objective Que	tion		

A1 National park	
A2 Wildlife sanctuary	
A3 Botanical garden	
A4 Grass land	
Ve Question	

tive Question			
13	A thin transition layer of Atmosphere which separates stratosphere and troposphere is known as	4.0	1.00
	A1 Tropopause		
	A2 Stratopause		
	A3 Mesopause		
	A4 Thermopause		
tive Question			
14	What is the median of the following set of scores - 18, 6, 12, 10, 14.	4.0	1.00
	A1 10		
	A2 14		
	A3 18		
	A4 12		
tive Ouestion			
15	In an Ecosystem, sequence of eating and being eaten by an organism is known as	4.0	1.00
	A1 Food Chain :		
	A2 Community		
	13 ive Question 14	13       A thin transition layer of Atmosphere which separates stratosphere and troposphere is known as         13       A thin transition layer of Atmosphere which separates stratosphere and troposphere is known as         14       A thin transition layer of Atmosphere which separates stratosphere and troposphere is known as         14       A thin transition layer of the following set of scores - 18, 6, 12, 10, 14.         14       A thin transition of the following set of scores - 18, 6, 12, 10, 14.         14       A thin transition of the following set of scores - 18, 6, 12, 10, 14.         14       A thin transition of the following set of scores - 18, 6, 12, 10, 14.         15       In an Ecosystem, sequence of cating and being caten by an organism is known as         15       In an Ecosystem, sequence of cating and being caten by an organism is known as	13       A thin transition layer of Atmosphere which separates stratosphere and troposphere is known as       40         A1       Tropopause       A1         A2       Stratopause       A3         A3       Mesopause       A3         A4       Thermopause       A1         ive Question       Vhat is the median of the following set of scores - 18, 6, 12, 10, 14.       40         A1       10       A2         A2       14       A3         ive Question       A1         ive Question       A1         ive Question       In an Ecosystem, sequence of eating and being eaten by an organism is known as       40         ive Question       In an Ecosystem, sequence of eating and being eaten by an organism is known as       40

A3 Niche

A4 : Sere

pjective Question	Neurological syndrome caused by severe mercuric poisoning is known as	4.0	1.00
10	Neurological syndrome caused by severe mercuric poisoning is known as	4.0	1.00
	Alere		
	Al Minamata disease		
	A2 : Itai-Itai Disease		
	A3 : Knock-Knee Disease		
	A4 : Leukemia disease		
	:		
ojective Question			1.00
17	Which kind of data does GIS deals with?	4.0	1.00
	Al Numeric data		
	A2 Binary data		
	:		
	A3 Spatial data		
	A4 Country late		
	A4 : Complex data		
ojective Question		1	
18	WWF stands for	4.0	1.00
	A1 World Wide Fund For Animals		
	A2 World Wide Fund For Plants		
	: world wide rund rol riants		
	A3 : World Wide Fund For Nature		
	A4		
	A4 : World Wide Fund For Soil		
ojective Question			
19	The plant species which is an indicator of aquatic pollution.	4.0	1.00
	A1 : Hydrilla sp		
	A2 Eichornia sp		
	: <i>Lichornia</i> sp		
	A3 Eupatorium sp.		
	A4 Tridax species		

bjective Question		4.0	1.00
20	The process of evaporation, transpiration and condensation is termed as	4.0	1.00
	A1		
	A1 : Anthroposystem		
	A2 Carbon Cycle		
	A3 Hydrological Cycle		
	A4 : Food Chain		
bjective Questi		4.0	1.00
21	Contaminated water that leaks from a landfill is called	4.0	1.00
	A 1		
	A1 : Leachate		
	A2 : Methane		
	A3 Sewage		
	A4 : Sludge		
	Sudge		
bjective Questi			1.00
2 22	Aquarium is an example of	4.0	1.00
	A1		
	A1 : Man-engineered ecosystem		
	A2 : Natural ecosystem		
	A3 : Desert ecosystem		
	A4 Forest ecosystem		
	:		
bjective Question 3 23			1.00
23	Economically unproductive land is known as	4.0	1.00
	A 1		
	A1 : Wetland		
	A2 Wasteland		
	A2 : Wasteland		
	A2 : A3 Grassland		

Objective 24 24	ve Question 24	A4 : Greenland		
		The biological decomposition of organic substances in controlled condition is known as	4.0	1.00
		Al Composting		
		A2 : Landfills		
		A3 : Incineration		
		A4 Pyrolysis :		
	ve Question			
25 2:	25	Mapmakers use GIS to	4.0	1.00
		A1 Store geographic information		
		A2 : Use geographic information		
		A3 View geographic information		
		A4 All of these		
	ve Question			
26 20	26	Lake Eutrophication is due to excess of	4.0	1.00
		A1 Nitrates and phosphates		
		A2 Chlorides and fluorides		
		A3 Sodium and potassium		
		A4 Calcium and magnesium		
Objectiv	ve Question			
27 2'		The first of the major environment protection act to be promulgated in India was	4.0	1.00
		Al Air Act		
		A2 Water Act		

A3 Noise pollution rules :

A4 Environmental Act

Obje	Dbjective Question					
28	28	High amount of salinity in water is mainly due to the presence of	4.0	1.00		
		A1 Nitrates				
		A2 Phosphates				
		A3 Sodium Chloride				
		A4 Sulphates				

## **Objective** Question

Jojee	$\begin{bmatrix} 29 \\ An ong the fresh water available in the earth the percentage of surface water is about \\ A1 \\ C \\ $			
29	29	Among the fresh water available in the earth the percentage of surface water is about	4.0	1.00
		A1 45%		
		A2 25%		
		A3 10%		
		A4 Less than 1%		

# Objectiv

Objec	ctive Question			
30	30	Color of ozone molecule is	4.0	1.00
		Al Blue		
		A2 White		
		A3 Pale yellow :		
		A4 Pale green		
Objec	ctive Question			
31	31	Which greenhouse gas has least global warming potential in causing greenhouse effect?	4.0	1.00
		Al Carbon dioxide		
		A2 Methane		

		11	
	A3 : Nitrous oxide		
	A4 : Ozone		
Dbjective Q 2 32	Increase in carbon dioxide concentration in atmosphere causes	4.0	1.00
	A1 : Uniform earth surface temperature		
	A2 : Rise in earth surface temperature		
	A3 : Fall in earth surface temperature		
	A4 : Increase in Ultraviolet rays		
Objective Q	estion		
33 33	dB(A)Leq denotes	4.0	1.00
	A1 : Time weighted average of sound on Scale A		
	A2 : Time weighted sum of sound on Scale A		
	A3 : Time weighted difference of sound on Scale A		
	A4 : Time weighted correlation of sound on Scale A		
Dbjective Q	estion		
4 34	Van Mahotsav is celebrated for a week in the month of	4.0	1.00
	A1 : March		
	A2 July		
	A3 : September		
	A4 : December		
Objective Q	estion		
5 35	What is the permissible range of pH for drinking water as per Indian Standards?	4.0	1.00
	$\stackrel{A1}{:}$ 6.0 to 9.0		

	A2 6.5 to 9.5		
	A3 6.0 to 8.0		
	A4 6.5 to 8.5		
Nhia atiwa Owartian			
Objective Question636	Kyoto protocol is focused on	4.0	1.00
	A1 Climate change		
	A2 Biodiversity		
	A3 Wetland conservation		
	A4 Ramsar convention		
Dijective Question			
7 37	Earth Day is held every year on	4.0	1.00
	A1 June 5 <sup>th</sup>		
	A2 : April 22 <sup>nd</sup>		
	A3 January 26 <sup>th</sup>		
	$^{A4}$ : March 22 <sup>nd</sup>		
Dbjective Question			
8 38	Which one of the following is a useful biological indicator of air pollution?	4.0	1.00
	when one of the following is a userial ofological indicator of an pollution.		
	A1 Bryophytes :		
	A2 Algal blooms		
	A3 Pseudomonas		

	A1 Exotic species :	
	A2 : Alien species	
	A3 Endemic species	
	A4 Rare species	
Objective Question		

Objec	tive Question			
40	40	The ecological study of a particular/individual species is known as	4.0	1.00
		Al Autecology		
		A2 Synecology		
		A3 Biocoenosis		
		A4 Phytocenosis		
Objec	tive Question			
41	41	Zero Emissions Day' is annually observed on	4.0	1.00
		A1 11 <sup>th</sup> July		
		$\frac{A2}{2}$ 12 <sup>th</sup> August		
		A3 21 <sup>st</sup> September		
		A4 24 <sup>th</sup> October		

is a form of occupational lung disease caused by long-term exposure to coal dust.	4.0	1.00
Al Black Lung		
A2 Red Lung		
A3 White Lung		
A4 Green Lung		
	A1 Black Lung A2 Red Lung A3 White Lung	A1 Black Lung A2 Red Lung A3 White Lung

43	43	National Green Tribunal is located in	4.0	1.00
		A1 Bengaluru :		
		A2 : Chennai		
		A3 : New Delhi		
		A4 : Mumbai		
Object	tive Question			
44	44	Scale used in statistics which provides difference of proportions as well as magnitude of differences is considered as	4.0	1.00
		A1 Satisfactory scale		
		A2 Ratio scale		
		A3 Goodness scale		
		A4 Exponential scale		
Object	tive Question			
45	45	When minerals are located too deep in ground, method used for mining is	4.0	1.00
		A1 Open pit mining		
		A2 : Quarries		
		A3 Surface mining		
		A4 Sub-surface mining		
Object	tive Question			
46	46	Which of the following is not an occupational health and safety management system?	4.0	1.00
		A1 HSG65		
		A2 : :		
		A3 OHSAS 18001:2007		
		A4 : ILO-OSH 2001		

	tive Question			
47	47	In Atomic Absorption Spectroscopy, which of the following is the generally used radiation source?	4.0	1.00
		A1 Tungsten lamp		
		A2 Xenon mercury arc lamp		
		A3 Hydrogen or deuterium discharge lamp		
		A4 Hollow cathode lamp		
Obiec	tive Question			
48	48	Depletion of oxygen in water leads to	4.0	1.00
		A1 Death of fishes		
		A2 : Increase in nutrients		
		A3 Decrease in nutrients		
		A4 No change		
Objec	tive Question			
49	49	Which one of the following is correct about climatic interaction?	4.0	1.00
		<ol> <li>El Niño is the large-scale ocean-atmosphere climate interaction linked to a periodic warming in sea surface temperatures across the central and east-central Equatorial Pacific of South America.</li> <li>La Niña is a climate pattern that describes the cooling of surface ocean waters along the tropical west coast of South America.</li> </ol>		
		Select the correct answer using the codes given below:		
		Al Only 1		
		A2 Only 2		
		A3 Neither 1 nor 2		
		A4 Both 1 and 2		
Objec	tive Question			
50	50	Which one of the following is correct about greenhouse gases?	4.0	1.00
		<ol> <li>Water vapour is a greenhouse gas.</li> <li>Water vapour is responsible for two-third of the greenhouse effect.</li> </ol>		

	A1 Only 1 :		
	A2 Only 2		
	A3 Neither 1 nor 2		
	A4 Both 1 and 2		

Objec	tive Question			
51	51	Match AQI Range with EPA colour scale and select the correct answer using the code given	4.0	1.00
		below:AQI RangeEPA colour scaleA) 0 to 501) GoodB) 51 to 1002) UnhealthyC) 101 to 1503) ModerateD) 151 to 2004) Unhealthy for sensitive groups		
		$ \stackrel{A1}{:} A - 1; B - 2; C - 3; D - 4 $		
		$\stackrel{A2}{:} A - 1; B - 3; C - 2; D - 4$		
		$\stackrel{A3}{:} A-1; B-3; C-4; D-2$		
		A4: A - 1; B - 2; C - 4; D - 3		
Dbjec	tive Question			
52	52	According to National Atmospheric and Oceanic Administration (NOAA) and Scripps Institution of Oceanography (SIO), the global concentration of carbon dioxide in the earth's atmosphere is.	4.0	1.00
		A1 ~275 parts per million		
		$\stackrel{A2}{:}$ ~355 parts per million		
		$^{A3}_{:}$ ~407 parts per million		
		A4 ~507 parts per million		
Objec	tive Question			
53	53	Allogenic succession is driven by	4.0	1.00
		Al Abiotic components of an ecosystem :		
		A2 Biotic components of an ecosystem		
		A3 Both Abiotic components of an ecosystem and Biotic components of an ecosystem		

: A4 None of these :

Objective Quest	ion		
Dejective Questi 4 54	ion         Following are the aims of REDD+.         1. Incentivises a break from historic trends of increasing greenhouse gases emissions.         2. Creating a financial value for carbon capture and storage.         3. Benefitting the food security.         4. Promoting ecosystem services and reduction in deforestation.         Select the correct answer using the codes given below:         A1         Conly 1 and 2         ·         ·         Only 2 and 3         ·         ·         Only 3 and 4         ·         ·	4.0	
Objective Quest			
55 55	Match List-II and select the correct answer using the code given below the lists: List-I List-II A) Pyranometer 1) Atmospheric Humidity B) Psychrometer 2) Solar Irradiance C) Rain gauge 3) Wind Direction D) Anemometer 4) Precipitation A1 A - 2; B - 1; C - 4; D - 3 A2 A - 2; B - 3; C - 4; D - 1	4.0	1.00
	$\begin{array}{c} A3 \\ \vdots \\ A-4; B-1; C-2; D-3 \end{array}$		
	A4 A - 2; B - 3; C - 4; D - 1		
Objective Quest	ion		
56 56	<ul> <li>Which one of the following is correct about social forestry?</li> <li>1. Social forestry concept in India was first used in the year 1977.</li> <li>2. Social forestry helps in management and protection of environment, society and rural development.</li> <li>3. Social forestry projects reduce the pressure of existing forests by planting trees on all unused and fallow land.</li> </ul>	4.0	1.00

Select the correct answer using the codes given below:

A1 Only 1 and 2

: A2 : Only 2 and 3

A4 1, 2, and 3

# Objective Question S7 Theme of World Environment Day (WED) - 2017 is 4.0 1.00 57 57 Theme of World Environment Day (WED) - 2017 is 4.0 1.00 A1 Connecting People to Nature 4.0 1.00 A2 Seven Billion Dreams; One Planet; Consume with Care 4.3 Small Islands and Climate Change A4 Prohibit illegal trade of threatened 4.4 Prohibit illegal trade of threatened 4.4

## Objective Question

58	58	ISO 14000 series deals with life cycle assessment	4.0	1.00
		A1 ISO 14004		
		A2 : ISO 14020		
		A3 ISO 14040		
		A4 ISO 14050		
	ctive Question			
59	59	Chloring Demond in water treatment refers to	4.0	1.00

j 59	59	Chlorine Demand in water treatment refers to	4.0	1.00
		A1 Difference between total chlorine added and residual chlorine		
		A2 : Total weight of chlorine added		
		A3 Total bleaching powder added		
		A4 None of these		
Dbjec	tive Question			
60	60	Correlation coefficient is denoted by the symbol	4.0	1.00
		Al r :		

A2 z

		A3 e		
		A4 g		
)bjec 1	tive Question	Primary data is obtained	4.0	1.00
1	01	Primary data is obtained	1.0	1.00
		A1 Through first-hand investigation		
		:		
		A2 From published papers of others		
		A3 From another party		
		:		
		A4 From published papers by oneself		
bjec	tive Question			
2	62	Analysis of variance is a	4.0	1.00
		A1 Non-parametric test		
		A2		
		A2 Non-variance test		
		A3 Parametric test		
		A4 Iso-parametric test		
		: iso-parametric test		
	tive Question		1.0	1.00
3	63	The GBH of a tree stands for	4.0	1.00
		A1		
		A1 Girth at Broken Height		
		A2 Girth at Breast Height		
		A3 contraction with		
		A3 Girth at Base Height		
		A4 Girth at Broadest Height		
	tive Question			
)biec	64	Computation of diversity index is made by	4.0	1.00
)bjec 4				
		A1 MacArthur method		

		A2 Black rapid method		
		A3 Man- Whitney U test		
		A4 Shannon- Wiener method		
Obiec	tive Question			
65	65	Field based studies are related to	4.0	1.00
		A1 Empirical data generation		
		A2 : Experimental situations		
		A3 Real life situations		
		A4 : Laboratory situations		
Obiec	tive Question			
66	66	Temperature of subsurface water is measured by	4.0	1.00
		A1 bathythermograph		
		A2 Reverse thermometer		
		A3 Thermistor thermometer :		
		A4 : Maximum and minimum thermometer		
Obiec	tive Question			
67	67	Winkler test is used to determine the concentration of	4.0	1.00
		Al Total alkalinity in water		
		A2 Dissolved oxygen in water		
		A3 Free carbon- di-oxide in water		
		A4 : Dissolved nitrogen in water		
Obiec	tive Question			
68	68	Validity of a research can be improved by	4.0	1.00

		A1 Eliminating extraneous factors :		
		A2 : Incorporating extraneous factors		
		A3 Taking the true representative sample of the population :		
		A4 Taking selected and important sample of the population		
Objec	tive Question			
69	69	In the type of interaction between two species 'X' and 'Y', the benefit of association is gained by both 'X' and 'Y', but such association is not obligatory for either of them. This type of association is called,	4.0	1.00
		Al Amensalism		

:

A2 : Neutralism

A3 : Symbiosis

A4 Proto-co- operation

A4 : Sundarlal Bahuguna

tive Question			
70	As per IUCN, Ursus thibetanus is a	4.0	1.00
	A1 Least concerned species		
	A2 Vulnerable species		
	A3 Critically endangered species		
	A4 Endangered species		
tive Question			
71	The recipient of IUCN Heritage Hero award in 2016 is	4.0	1.00
	Al Vandana Shiba		
	A2 Jadav Payeng		
	A3 Bibhuti Prasad Lahkar		
	70 ive Question	70       As per IUCN, Ursus thibetanus is a         A1       Least concerned species         A2       Vulnerable species         A3       Critically endangered species         A4       Endangered species         i       The recipient of IUCN Heritage Hero award in 2016 is         A1       Vandana Shiba         A2       Jadav Payeng         A3       Bibbuti Presed Labler	70       As per IUCN, Ursus thibetanus is a       4.0         A1       Least concerned species       A1         A2       Vulnerable species       A2         A3       Critically endangered species       A3         A4       Endangered species       A4         I       The recipient of IUCN Heritage Hero award in 2016 is       4.0         A1       Vandana Shiba       A1         A2       Jadav Payeng       4.0

	tive Question			
2	72	Erdas software is used in	4.0	1.00
		A1 Statistical analysis of data		
		A2 Analysis of heavy metals		
		: Analysis of neavy metals		
		A3 RS and GIS studies		
		A4 a		
		A4 Seismological studies		
	tive Question			
3	73	Due to Global warming, rise in temperature is maximum experienced at	4.0	1.00
		A1 Stratosphere		
		A2 Troposphere		
		:		
		A3 Mesosphere		
		A4		
		A4 Ionosphere		
	tive Question			
4	74	AS per Central Pollution Control Board standard, the maximum permissible limit of Suspended particulate matter (SPM) for sensitive area is	4.0	1.00
		sensitive area is		
		Al so minerary ( while motor of sin		
		A1 50 microgram/ cubic meter of air		
		A2 100 microgram/ cubic meter of air		
		43		
		A3 200 microgram/ cubic meter of air :		
		A4 500 microgram/ cubic meter of air		
NL 1				
	tive Question	The 'Environment Impact Notification' published by Ministry of Environment and Forests, Govt. of India in 1994 has	4.0	1.00
5		The Environment impact rouncation provisited by ministry of Environment and Polesis, Govi. of india in 1994 lias		
5		A1 IV Schedules		
5				
5		: V Schedules		
5				
5				
'5		A2 VII Schedules		
5		A2 VII Schedules		
5				
5		A2 VII Schedules		

		A4 IX Schedules		
		•		
Dbjeo	ctive Question			
76	76	The degeneration time for 'Plastic waste' is approximately	4.0	1.00
		A1 2-5 years		
		A2 1 year		
		A3 1 million years		
		A4 100-500years :		
Objec	ctive Question			
17	77	Which of the following is not a measure of variability?	4.0	1.00
		Al Range		
		A2 Standard Deviation		
		A3 : Median		
		A4 Quartile Deviation		
Objec	ctive Question			
78	78	Chipko movement was under the leadership of	4.0	1.00
		A1 Sundarlal Bahuguna :		
		A2 Hedha Patkar		
		A3 Amrita Devi		
		A4 Renuka Choudhury		
Objec	ctive Question			
'9	79	Climate change is taking place due to emission of Green House Gases. Major contributors of GHGs are,	4.0	1.00
		A1 China and Russia		
		A2 America and India :		
		A3 America and south African countries		

	:		
	A4 China and America		
Dbjective Question	n		
80 80	Facts and figures used to support or disapprove the hypothesis, theory or law is called	4.0	1.00
	A1 Corroboration :		
	A2 Scientific evidence		
	A3 Scientific proof		
	A4 Scientific data		
Dbjective Questio	n		
81 81	Heavy metals in environmental samples are estimated by	4.0	1.00
	A1 Gas chromatography		
	A2 Acid digestion		
	A3 Scanning electron microscopy		
	A4 Atomic Absorption Spectroscopy		
Dbjective Question	n		
82 82	Nephelometer is used for the measurement of	4.0	1.00
	A1 Concentration of suspended particulates in a liquid or gas colloid :		
	A2 Total dissolved solids in water		
	A3 humidity		
	A4 Velocity of wind		

Median lethal concentration $(LC_{50})$ is estimated for determining

4.0 1.00

A1 The concentration of heavy metals in water :

		A3 Actual toxicity of a chemical		
		A4 : Greenhouse gas concentration		
Objec	tive Question			
34	84	Which of the following is the first step in starting the research process?	4.0	1.00
		A1 Searching sources of information to locate problem		
		A2 Survey of related literature		
		A3 : Identification of problem		
		A4 Searching solutions for the problem		
Objec	tive Question			
35	85	The law which states that 'Growth is controlled not only by the total amount of resources available, but by the scarcest resource' is	4.0	1.00
		A1 Shelford's law		
		Shellord's law		
		A2 : Liebig's law		
		A3 : A law of universal growth		
		A4 A law pertaining to un-limiting factor		
Objec	tive Question			
36	86	The second law of thermodynamics would tend to support	4.0	1.00
		A1 People eating more meat than grain		
		A2 People eating more grain than meat		
		A3 People eating grain : meat in 1: 1 ratio		
		A4 People being under-nourished.		
<u></u>	tive Question			
Jojec	87	Arsenic contamination in drinking water causes which of the health hazard in man?	4.0	1.00
37				
37		A1 . Kidney, lungs and bone damage		

		A2 Damage of nervous systems :		
		A3 Lungs, skin, kidney and liver damage		
		A4 : Headache, dizziness and nausea		
Ohiec	tive Question			
88	88	ENSO event has three phases, Neutral, El nino and La Nina. This is experienced in	4.0	1.00
		Al Atlantic ocean		
		A2 Pacific ocean		
		A3 Indian ocean		
		A4 :		
	tive Question			
89	89	If 'Grassland : Biosphere', then metamorphic rocks : ?	4.0	1.00
		Al Pedosphere		
		A2 Atmosphere		
		A3 Mountains		
		A4 : :		
	tive Question			
90	90	'Solar Pond' is a	4.0	1.00
		Al Naturally occurring pond where sunlight enters		
		A2 Artificially devised pond, having no water		
		A3 Ponds where Photovoltaic cells are fitted		
		A4 Ponds filled with water and dissolved salts to act as heat-trap		
Objec	tive Question			
	91	Which of the following atmospheric pollutant is absorbed by stomach-intestine and respiratory tract?	4.0	1.00

		A1 Lead Oxide :		
		A2 Nitrogen oxides		
		A3 Carbon-di- oxide		
		A4 Carbon Monoxide		
Ohina	tive Question			
92	92	As per Noise Pollution (Regulation and control) rule, 2000, the permissible limit for 'Residential area' is	4.0	1.00
		A1 50 dB during daytime and 40 dB during night		
		A2 75 dB during daytime and 65 dB during night		
		A3 55 dB during daytime and 45 dB during night		
		A4 65 dB during daytime and 55 dB during nighttime		
Objec	tive Question			
93	93	National Action plan on Climate Change is having how many missions?	4.0	1.00
		A1 10 missions		
		A2 5 missions		
		A3 8 missions		
		A4 12 missions		
Ohiec	ctive Question			
94	94	In India, Land Utilization Zone (LUZ) in rural and agricultural areas are identified by	4.0	1.00
		Al Areas under extensive agriculture		
		A2 : Urban corridors		
		A3 Soils having low productivity		
		A4 Marshy land		

95	95	For protecting and giving immediate relief to the person affected by accident due to handling of hazardous substance, the 'Factory labour safety act' is there. This was enacted in the year	4.0	1.00
		A1 2003		
		A2 1972		
		A3 1991 :		
		A4 1985		
Objec 96	tive Question		4.0	1.00
96	90	Discrete probability distribution in which outcome is very small within a very small period of time is classified as,	4.0	1.00
		A1 Normal distribution		
		A2 Poisson distribution		
		A3 Exponential distribution		
		A4 Posterior distribution		
01	tive Question			
97	97	Japanese encephalitis is caused by	4.0	1.00
		A1 Mosquito and virus		
		A2 Trypanosoma		
		A3 Mosquito, pig, Wild birds and JEV		
		A4 Parasitic worms and snails		
Objec 98	198	In binomial distribution formula for calculating standard distribution is,	4.0	1.00
		A1 Square root of 'p'		
		A2 Square root of 'pq'		
		A3 Square root of 'np'		
		A4 Square root of 'npq'		

Object 99	tive Question 99		4.0	1.00
99 	99	'Agenda-21' is an action plan for the 21st century. This was adopted in	4.0	1.00
		A1 UNCHE, 1972		
		A2 UNCED, 1992		
		A3 Kyoto Protocol, 1997		
		A4 Copenhagen summit, 2009		
Object	tive Question			
100	100	Relative humidity is calculated using which of the following variables?	4.0	1.00
		A1 Vapour Pressure, Saturation vapour pressure, temperature and rainfall		
		A2 Saturation vapour pressure, temperature, vapour pressure and dew point		
		A3 Dew point, temperature, evaporation rate and vapour pressure		
		A4 Vapour pressure, saturation vapour pressure, wind velocity and dew point		