Name:

## **Enrolment No:**



## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

**End Semester Theory Examination, July 2020** 

**Course: Environmental Sciences** 

Semester: II

Program: B. Pharmacy Time 2 hrs.

Course Code: BP206T Max. Marks: 100

Instructions: Read questions carefully. All questions are compulsory

## **SECTION A (40 marks)**

Q1	Mul	tiple Choice Questions (20X	01=20 marks)	,		
1a	CO3	Effect of thermal Pollution is/are	Toxicity of pesticides, detergents and chemicals in the effluents increases with increase in temperature	Fish migration is affected due to formation of various thermal zones	Both (a) and (b)	None of these
1b	CO3	Identify the technology adopted to control thermal pollution.	Bag house filter	Cooling tower	Settling chamber	Cyclone
1c	CO2	Identify the strategies that can be adopted for water conservation.	Contour cultivation	Surface crop residues,	Water spreading	All of these
1d	CO3	Identify the human activities that have been the main cause (s) for increasing the severity and frequency of floods.	Clearing of forests for agriculture	Construction of roads	Both (a) and (b)	None of these
1e	CO1	BOD stands for	biological oxygen demand	biological oxygen decay	biomedical oxygen demand	None of these
1f	CO2	Tea gardens in Chhota Nagpur has disappeared due to	deforestation	Soil erosion	landslide	None of these
1g	CO1	Highest Dam in India is	Tehri	Bhakra	Sardar Sarovar	Hirakund
1h	CO1	The Satluj-Yamuna link (SYL) canal dispute is between Punjab and	Haryana	Uttar Pradesh	Uttarakhand	Orissa
1i	CO2	Effects of groundwater usage is/are	Subsidence	Lowering of water table	Both (a) and (b)	None of these
1j	CO4	Nature has provided us with all the resources for leading a beautiful life and she nourishes us like a mother, we should respect her and nurture her", this is a/an thinking.	Man-centric	Eco centric	Both (a) and (b)	None of these
1k	CO3	Grassland ecosystem showspyramid of numbers.	Upright	Inverted	Spindle	None of these
11	CO3	Functional attributes of an ecosystem is/are	Food chain	producer	Both (a) and (b)	None of these
1m 1n	CO2	Economically unproductive lands suffering from environmental deterioration are known as	Wastelands Incineration	Sanitary landfill Composting	Both (a) and (b)  Sanitary landfill	None of these All of the above
10	CO1	World environment day is celebrated on	05 june	05 july	05 may	None of these

1p	CO2	Benefits of big dams is/are	providing employment	control water pollution	displacement of tribal people	None of these
1q	CO1	The succession starting in dry area with little moisture is known as	Mesosere	Hydrosere	Xerosere	All of the above
1r	CO1	Wildlife act, a landmark in the history of wildlife legislation in our country, came into existence inyear.	1971	1972	1973	1974
1s	CO2	a foul smelling gas, added to LPG so that any leakage of LPG from the cylinder can be detected.	Ethyl mercaptan	Propane	Ethane.	Methane
1t	CO4	If you are a climate change expert you have suggested few solutions /steps to slow down the process of global	Shift to renewable energy	stabilizing the population	reduce beef	A11 of shoot
Q2		warming. Select the correct solutions  n the blanks / True and Fals	resources	growth	production	All of these
Q2	T 111 1	The urban solid waste materials that can	E (20 X01–20 Mai KS	<i>)</i>		
2a	901	be degraded by microorganisms are				
2a	CO1	calledwastes. Thermal pollution can be defined as				
		presence of waste oil in the water which				
2b	CO1	can cause undesirable changes in the natural environment.	True/False			
2c	CO1	CPCB stands for				
		Species which are restricted only to a				
2d	CO2	particular area are known as				
2e	CO2	the cure for malaria is obtained from the bark of Cinchona tree.				
2f	CO2	Sometimes, the loss of habitat of bidodiversity is in instalments so that the habitat is divided into small and scattered patches, a phenomenon known as				
2g	CO3	Carbon monoxide (CO) reaches lungs and combines with haemoglobin of blood to form				
2h	CO3	In 1953, people in Japan suffered from numbness of body parts, vision and hearing problems and abnormal mental behaviour. This disease is known as				
2i	CO3	Substances like DDT are not water soluble and have affinity for body lipids. These substances tend to accumulate in the organism's body. This process is called				
2j	CO4	If you are an earthquake expert name the type of house you will recommneded in earthquake prone area				
2k	CO1	Pollen grain is an example of natural source of air pollution.	True/False			
21	CO1	The point on a fault at which the first movement occurs during an earthquake is called the  Forest act deals with the conservation of				
2m	CO1	forest act deals with the conservation of forests and related aspects. Except,the act is adopted all over India.				

		First step of ecological succession				
2n	CO2	process is				
2.		Grazing food chain starts with				
2o	CO2	and culminates in carnivores.				
		is a nuclear change in which				
		nucleus of certain isotopes with large mass numbers are split into lighter nuclei				
		on bombardment by neutrons and a large				
		amount of energy is released through a				
2p	CO2	chain reaction.				
		In dry cooling tower, hot water is				
		sprayed over baffles. Cool air entering				
		from sides takes away the heat and cools				
2q	CO3	the water. This cool water can be recycled or discharged.	True/False			
	003	In nitrogen cycle, after death of the	True/Turse			
		plants and animals, the organic nitrogen				
		in dead tissues is decomposed by several				
		groups of ammonifying and nitrifying				
		bacteria which convert them into				
2r	CO3	ammonia, nitrites and nitrates, which are	True/False			
	COS	again used by plants.  Oxygen gas and its radioactive daughters	11UC/17a18C	1		
		are responsible for a large number of				
2s	CO3	lung cancer deaths each year.	True/False			
		You are an environmental engineer in a				
		government organization. During one of				
		your official visit you find that there are				
		large number of hot springs in the state.				
		So you suggestenergy to be harness from the hot springs to meet the				
2t	CO4	energy demand of the state.				
	•		CECTION D (60 Max	ul-a)	•	•
02	N / 14		SECTION B (60 Mai	rks)		
Q3	Mult	iple Choice Question (10x1=	•	rks)	Γ	
Q3	Mult	iple Choice Question (10x1=	10 marks)	rks)		
<b>Q3</b> 3a	Mult CO4		•	Itai-Itai	Typhoid	Fluorosis
		iple Choice Question (10x1=	10 marks)  Methaemoglobinemia or		Typhoid	Fluorosis
		Nitrate when present in excess in drinking water causes	10 marks)  Methaemoglobinemia or		Typhoid	Fluorosis
3a	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the	Methaemoglobinemia or blue baby Syndrome	Itai-Itai		
		Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are	10 marks)  Methaemoglobinemia or		Typhoid  Chlorofluorocarbons	Fluorosis All of these
3a	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal	Methaemoglobinemia or blue baby Syndrome	Itai-Itai		
3a	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused	Methaemoglobinemia or blue baby Syndrome	Itai-Itai		
3a	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal	Methaemoglobinemia or blue baby Syndrome	Itai-Itai		All of these
3a 3b	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide	Itai-Itai  Methane	Chlorofluorocarbons	All of these
3a 3b	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide	Itai-Itai  Methane	Chlorofluorocarbons	All of these
3a 3b 3c	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide	Itai-Itai  Methane	Chlorofluorocarbons	All of these
3a 3b	CO4	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide	Itai-Itai  Methane	Chlorofluorocarbons	All of these
3a 3b 3c 3d	CO4 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai	Chlorofluorocarbons  Blue baby syndrome	All of these Fluorosis 25(7)
3a 3b 3c	CO4 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai	Chlorofluorocarbons  Blue baby syndrome	All of these Fluorosis
3a 3b 3c 3d 3e	CO4 CO3 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai  25(3)  two	Chlorofluorocarbons  Blue baby syndrome  25(2)  three	All of these Fluorosis 25(7) four
3a 3b 3c 3d	CO4 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai	Chlorofluorocarbons  Blue baby syndrome	All of these Fluorosis 25(7)
3a 3b 3c 3d 3e	CO4 CO3 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of is a type of mining in which	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai  25(3)  two	Chlorofluorocarbons  Blue baby syndrome  25(2)  three	All of these Fluorosis 25(7) four
3a 3b 3c 3d 3e	CO4 CO3 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease calledin the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule containsoxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of is a type of mining in which chained buckets and draglines are used	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease	Itai-Itai  Methane  Itai-Itai  25(3)  two	Chlorofluorocarbons  Blue baby syndrome  25(2)  three	All of these Fluorosis 25(7) four
3a 3b 3c 3d 3e 3f	CO4 CO3 CO3 CO3	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease calledin the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule containsoxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example ofis a type of mining in which chained buckets and draglines are used which scrap up the minerals from under-	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease	Chlorofluorocarbons  Blue baby syndrome  25(2) three  soil borne disease	All of these  Fluorosis  25(7)  four  None of these
3a 3b 3c 3d 3e 3f	CO4 CO3 CO3 CO1 CO1	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of is a type of mining in which chained buckets and draglines are used which scrap up the minerals from underwater mineral deposits.	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease	Itai-Itai  Methane  Itai-Itai  25(3)  two	Chlorofluorocarbons  Blue baby syndrome  25(2)  three	All of these Fluorosis 25(7) four
3a 3b 3c 3d 3e 3f	CO4 CO3 CO3 CO1 CO1	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease calledin the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule containsoxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example ofis a type of mining in which chained buckets and draglines are used which scrap up the minerals from under-	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining	Chlorofluorocarbons  Blue baby syndrome  25(2) three  soil borne disease	All of these  Fluorosis  25(7)  four  None of these
3a 3b 3c 3d 3e 3f 3g 3h	CO4 CO3 CO3 CO1 CO1	Nitrate when present in excess in drinking water causes	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease  Dredging Hydrological cycle gets	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining  Problems of soil	Chlorofluorocarbons  Blue baby syndrome  25(2) three soil borne disease  Strip mining	All of these  Fluorosis  25(7)  four  None of these
3a 3b 3c 3d 3e 3f	CO4 CO3 CO3 CO1 CO1	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of is a type of mining in which chained buckets and draglines are used which scrap up the minerals from underwater mineral deposits.  Major consequences of deforestation is	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease  Dredging Hydrological cycle gets	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining  Problems of soil	Chlorofluorocarbons  Blue baby syndrome  25(2) three soil borne disease  Strip mining	All of these  Fluorosis  25(7)  four  None of these
3a 3b 3c 3d 3e 3f 3g 3h	CO4  CO3  CO3  CO1  CO1  CO1  CO2	Nitrate when present in excess in drinking water causes	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease  Dredging Hydrological cycle gets affected	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining  Problems of soil erosion	Chlorofluorocarbons  Blue baby syndrome  25(2) three soil borne disease  Strip mining landslides.	All of these  Fluorosis  25(7)  four  None of these  None of these
3a 3b 3c 3d 3e 3f 3g 3h 3i	CO4  CO3  CO3  CO1  CO1  CO1  CO2	Nitrate when present in excess in drinking water causes	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease  Dredging Hydrological cycle gets affected	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining  Problems of soil erosion	Chlorofluorocarbons  Blue baby syndrome  25(2) three soil borne disease  Strip mining landslides.	All of these  Fluorosis  25(7)  four  None of these  None of these
3a 3b 3c 3d 3e 3f 3g 3h	CO4  CO3  CO3  CO1  CO1  CO1  CO2	Nitrate when present in excess in drinking water causes  The greenhouse gases present in the troposphere is/are  Pollution by another heavy metal cadmium in drinking water had caused the disease called in the people of Japan  The United Nations Universal Declaration on Human Rights [Article] has declared that right to housing is a basic human right.  Ozone molecule contains oxygen atom  Cholera, Dysentery, Typhoid and Jaundice are an example of is a type of mining in which chained buckets and draglines are used which scrap up the minerals from underwater mineral deposits.  Major consequences of deforestation is /are  Anthracite, Bituminous and Lignite are examples of	Methaemoglobinemia or blue baby Syndrome  Carbon dioxide  Minimata disease  25(1)  one  water borne disease  Dredging Hydrological cycle gets affected	Itai-Itai  Methane  Itai-Itai  25(3)  two  air borne disease  Open-pit mining Problems of soil erosion  Copper	Chlorofluorocarbons  Blue baby syndrome  25(2) three soil borne disease  Strip mining landslides.	All of these  Fluorosis  25(7)  four  None of these  None of these

Q4	Fill	in the blanks /True of False	(10x1=10marks)			
4a	CO2	Landslides occurs when coherent rock of soil masses move downslope due to gravitational pull.	True/False			
4b	CO1	There are two popular indices of measuring species diversity known as Shannon-wiener index and Simpson index	True/False			
4c	CO1	A large number of windmills installed in clusters called				
4d	CO1	Excessive fertilizers use in Punjab and Haryana has caused deficiency of the micronutrientin the soils, which is affecting productivity of the soil.				
4e	CO1	PCBs stands for				
4f	CO4	Select the correct methods adopted to control noise pollution.	Reduction in sources of noise	Through Law	Planting more trees having broad leaves	All of these
4g	CO2	The Cauvery river water is a bone of contention between Tamilnadu and Maharastra.	True/False			
4h	CO1	The term hotspot of biodiversity was coined by				
4i	CO2	are the organisms derive their nutrition by breaking down the complex organic molecules to simpler organic compounds and ultimately into inorganic nutrients.				
4j	CO4	To protect soil from erosion, a form of inter cropping is done in which crops are planted between rows of trees or shrubs. This form of intercropping is called				
	ı	n blanks questions (10x2=20	   Marke		<u> </u>	
		ii bianks questions (10x2–24	) Wat KS)	It will result in decrease in their population thereby affecting the population of zooplankton, fish, marine animals, in fact the whole aquatic food		
5a 5b	CO3	You are a solid waste management specialist of X town. During one of your official visit you find that X city is facing a problem for disposing solid waste. So you propose a technique in which garbage is spread out in thin layers, compacted and covered with clay or plastic foams. The bottom layer of garbage is covered with an impermeable liner, usually several layers of clay, thick plastic and sand. The liner protects the ground water from being contaminated due to percolation of leachate. Leachate from bottom is pumped and sent for treatment. Name this proposed technique/ method	Biomagnification	chain.	Both (a) and (b)	None of these

		aquifers which are overlaid by permeable earth materials and they are recharged by water seeping down from above in the form of rainfall and snow melt whereas aquifers are				
		sandwitched between two impermeable				
5c	CO2	layers of rock or sediments and are recharged only in those areas where the aquifer intersects the land surface.				
5d	CO1	NBPGR stands forand is located in				
5e	CO1	The Antarctic ozone hole was discovered by and his colleagues in the British Antarctic Survey who had been recording ozone levels over this region since year				
5f	CO4	Suggest a control method, which can be adopted to control adverse effect of acid rain on lake and river water quality.				
5g	CO3	It is estimated that the earth's mean temperature will rise between°C to°C by 2050				
5h	CO2	The main greenhouse gasis absorbed by the forests as a raw material for				
5i	CO1	Bhakra dam is situated on riverin				
5j	CO1	Each food level is known asand the amount of living matter at a given time is known as				
Q6	Mu	ttiple answers questions (10x	<u>x2=20 Marks)</u>			
Q6	Mu	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming	x2=20 Marks)			
<b>Q6</b> 6a	Mu CO4	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers	cheap	clean	non polluting	All of these
Q6		It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming		clean	non polluting	All of these
<b>Q6</b> 6a	CO4	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/	cheap			
<b>Q6</b> 6a 6b	CO4 CO3	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting	cheap necrosis gypsum, soil permeability Ashok Gehlot, building	absicission  eldrin, soil pH  Rajendra Singh, building	epinasty humus, soil fertilty Sachin Pilot,	All of these  DDT, soil fertility  R.K.Pachuri, controlling
6a 6b 6c	CO4 CO3	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/ are  Chemical conditioners likewhen applied to sodic soils improve and reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater byin Rajasthan	cheap necrosis gypsum, soil permeability	absicission eldrin, soil pH Rajendra Singh,	epinasty humus, soil fertilty	All of these  DDT, soil fertility  R.K.Pachuri,
6a 6b 6c 6d	CO4 CO3 CO2	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/ are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater by in Rajasthan  Earthquake-generated water waves called can severely affect coastal areas. These giant sea swells can move at a speed upto Km/hr or even	cheap necrosis gypsum, soil permeability Ashok Gehlot, building roads	absicission  eldrin, soil pH  Rajendra Singh, building checkdams  Willy	epinasty  humus, soil fertilty  Sachin Pilot, afforestation	All of these  DDT, soil fertility  R.K.Pachuri, controlling global warming
6a 6b 6c	CO4 CO3	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/ are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater by in Rajasthan  Earthquake-generated water waves called can severely affect coastal areas. These giant sea swells can move at a speed upto Km/hr or even faster.	cheap necrosis gypsum, soil permeability Ashok Gehlot, building roads Tsunamis,1000	absicission  eldrin, soil pH  Rajendra Singh, building checkdams  Willy Willies,100	epinasty  humus, soil fertilty  Sachin Pilot, afforestation  Saltation,500	All of these  DDT, soil fertility  R.K.Pachuri, controlling global warming  Suspension,500
6a 6b 6c 6d	CO4 CO3 CO2	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers  The effects of air pollution on plant is/ are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater by in Rajasthan  Earthquake-generated water waves called can severely affect coastal areas. These giant sea swells can move at a speed upto Km/hr or even	cheap necrosis gypsum, soil permeability Ashok Gehlot, building roads	absicission  eldrin, soil pH  Rajendra Singh, building checkdams  Willy	epinasty  humus, soil fertilty  Sachin Pilot, afforestation	All of these  DDT, soil fertility  R.K.Pachuri, controlling global warming
6a 6b 6c 6d	CO4 CO3 CO2 CO1	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers.  The effects of air pollution on plant is/are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater byin Rajasthan  Earthquake-generated water waves calledcan severely affect coastal areas. These giant sea swells can move at a speed uptoKm/hr or even faster.  Suggest the measures which help in insitu conservation of biodiversity  Easy absorption of UV rays by the lens andof eye will result in increase in incidents of	cheap necrosis gypsum, soil permeability Ashok Gehlot, building roads Tsunamis,1000	absicission  eldrin, soil pH  Rajendra Singh, building checkdams  Willy Willies,100	epinasty  humus, soil fertilty  Sachin Pilot, afforestation  Saltation,500	All of these  DDT, soil fertility  R.K.Pachuri, controlling global warming  Suspension,500
6a 6b 6c 6d	CO4 CO2 CO1 CO1	It is witnessed that in rural area, villagers are opting for biogas as a fuel. Select the reasons due to which biogas is becoming a popular choice among the villagers. The effects of air pollution on plant is/are  Chemical conditioners likewhen applied to sodic soils improveand reduce run off. of Rajasthan popularly known as "water man" has been doing a commendable job for harvesting rainwater byin Rajasthan  Earthquake-generated water waves calledcan severely affect coastal areas. These giant sea swells can move at a speed uptoKm/hr or even faster.  Suggest the measures which help in insitu conservation of biodiversity  Easy absorption of UV rays by the lens andof eye will result in increase	cheap necrosis  gypsum, soil permeability  Ashok Gehlot, building roads  Tsunamis,1000  Zoo	absicission  eldrin, soil pH  Rajendra Singh, building checkdams  Willy Willies,100  Garden	epinasty  humus, soil fertilty  Sachin Pilot, afforestation  Saltation,500  National park	All of these  DDT, soil fertility  R.K.Pachuri, controlling global warming  Suspension,500  All of these

6i	CO1	The direct use values where the biodiversity product can be harvested and consumed directly is known asvalue of biodiversity.	Consumptive	Productive	Social	Aesthetic
6j	CO1	The International Union for Conservation of Nature and Natural Resources (IUCN) publishes thewhich includes the list ofspecies of plants and animals.	red data book, endangered	yellow data book, extinct	green data book, vulnerable	brown data book, vulnerable