Class: 12

a) habitat

Soil water available for plants is
 a) gravitational water

c) Capillary water

a) Nitrogen cycle

a) Calotropis

a) Joule

a) wheat

a) Opium

"Queen of spices" is
 a) pepper

b) niche

10. Which of the following plant produces cardiac glycosides.

11. Which of the following is not a sedimentary cycle

12. The unit for measuring ozone thickness

13. Jaya and Ratna are the semi dwarf varieties of

b) Acacia

b) Kilos

b) rice

14. The active principle trans-tetra hydro can abial is present in

b) Curcuma

b) cardamomum

b). Phosphorous cycle

Register Number

biome

d) Utricularia

musterd

d) Andrographis

Tamarind

CH/12/Bot/1

d) Calcium cycle

COMMON HALFYEARLY EXAMINATION - 2022 - 23

Time Allowed: 3	.00 Hours
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BOTANY

[Mnz. Marks: 70

	Answer All the questions.	15x1=15		
1.	Virus free plants are developed from			
	a) Organ culture b) Meristem culture c)	Protoplast culture d) Cell Suspension culture		
2.	2. In which techniques Ethidium Bromide is used	() Cell Suspension Culture		
	a) Southern Distiller	Western Blotting		
	c) Polymerase Chain Reaction d)	Agarose Gel Electrophoresis		
Algae which is used for the production of single cell protein is		otein is		
	a) collulaments to the	Spirulina d) Agaricus		
4.				
	a) Cietros	Intron d) Recon		
<u>5</u> .	5. "Gametes are never hybrid" This is a statement of			
		Law of Independent assortment		
		Law of random fertilization		
6.		-0.4 MA		
	a) Cocos b) Areca c) .	Vallisneria d) Arachis		
7.	 A plant called X possesses small flower with reduced pollination would be 			
	a) Water b) air c) i	outterflies d) beatles		
8.	경기 보통 그 나무는 그 그들이 다시하면 하고 있다. 가는 그 사람이 얼마나 그리지 않는데 하는데 하셨다.			

c) landscape

c) Nepenthes

c) Dobson

c) cowpea

c) Turmeric

Marijuana

Sulphur cycle

C)

chemically bound water

hygroscopic water

the state of the s	PART - II	
II. Answer any six questions. Question	No. 24 is Compulsory	Comment
What is Vivipary? Name a plant group	that exhibits vivipary	6x2=12
17. Productivity of profundal zone will be lo	w. why?	A THE REAL PROPERTY OF THE PARTY OF THE PART
18. What is ozone hole?	YPARCALERS	The other control of
19. Name the chemicals used in gane trans	sfer?	
20. What are Splicesomes?	Land Company	Acuraanth aki Maganan a
21. Name the seven contrasting traits of me	endel.	A Mariana
22. Pollination in Gymnosperms is different	from Anglosperme, Chin	
23. Write short notes on Pollen Kitt.	Security - Give reason	ns.
24. Enumerate the uses of turmeric.		
- Company of the Comp	PART - III	
III. Answer any six questions. Question I	No. 33 le Compulson	The transfer of
25. Write a note on heterosis.	to. 33 is compaisory.	6x3=18
26. Write the effects of Global warming in pl		er a succide temps of the
27. Pyramid of energy is always upright. Giv	dita	4
28. List out the effects of fire to plants.	e reasons.	Control of the second section in
29. What is thermal stratification? Mention to	aunterell auf	and the problems of
30. Give on account on cryopreservation.	neir types.	T. L. Property
31. Write the advantages of Bt cotton		Total of Congression is
32. What is gene mapping? Write its uses.	in the state of th	Section 1
33. Draw and label T. S. of mature anther.	SECTION A PROPRIOR OF THE PROPERTY OF	Name of Street, Street
	PART NA	
IV. Answer all the questions.	PART-IV	
34. (a) What is endosperm. Explain the type	รางและเหมือนการและ Const	5x5=25
	OR	AND THE STREET
(b) Enumerate the anatomical adaptation		Children Status to accept
35. (a) Generally human activities are against ecosystem?	to the accounts	
ecosystem?	to the ecosystem, where as you a	a student how will you help to protect
	OR THE PART	
(b) Differentiate continuous variation with o	liscoplinus	
36. (a) What attributes make arabidopsis a su	itable model plants	Later Control of the
The same of the same of the same of	OR OR	genetic research?
(b) What are the effects of deforestation?		
 (a) What are the different types of hybridize 	ation?	
	OR	
(b) Compare the various types of Blotting te	ochniques?	The state of the s
38. (a) Explain the basic concepts involved in p	plant tissue out	
CONTRACTOR OF THE PROPERTY OF	CD.	
(b) How will you prepare an organic posticio	le from your b	ALCOHOLD TO THE PERSON OF
 (b) How will you prepare an organic pesticic kitchen. 	of the first your name garden with t	he vegetables available from your
The bar	1	CH/12/Rot/2