

GROUP - A

① Match the column (1x10=10)

<u>Group 'A'</u>	<u>Group 'B'</u>
(1.) Temperate climatic zone	a) coined by Grinnel.
(2.) Decomposers	b) 0.32 to 0.40 micrometer.
(3.) Methanogenic bacteria	c) latitude and Altitude.
(4.) Lentic ecosystem	d) organism consume dead animals & plants.
(5.) UVA range	e) Biogas production.
(6.) Niche	f) Biobleaching
(7.) Abiotic factor	g) 40°-60° latitude.
(8.) Metal Recovery by microbes	h) Lake and Pond
(9.) Green house gases	i) Nitric acid (HNO_3)
(10.) Acid Rain.	j) N_2O and CH_4

GROUP - B

② write short Notes on any **Four** from the following :- (5x4=20)

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|----------------------|------------------------|
| a) Eutrophication | e) Gasohol experiments |
| b) Biofuel. | f) Aquatic Ecosystems. |
| c) Green house gases | g) Biotic factors. |
| d) Habitat | |

GROUP - C

Answer Any Two questions from Following —
(20x2=40)

- (3.) what do you mean by waste management.
Briefly describe sewage management.
- (4.) Discuss the role of Methanogenic bacteria
in the production of Biofuel.
- (5.) Differentiate between
a) Food chain and Food web
b) Biotic and Abiotic Factors.
- (6.) Write an account on Bioremediation Principle
and Applications.
- (7.) What is pollution? Discuss the factors that
causes water pollution and their impact on
environment.

X ————— X ————— X —————