11/28/2020 18CHP22A

Eyam Date & Time: 28-Sep-2020 (02:00 PM - 05:45 PM)



PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image: 30mins

MSc DEGREE EXAMINATION MAY 2020 (Fourth Semester)

Branch - CHEMISTRY

DISCIPLINE SPECIFIC ELECTIVE - II - ENVIRONMENTAL CHEMISTRY [18CHP22A]

Marks: 75 Duration: 210 mins.

SECTION - A

Answer	all the questions.			
1)	The gaseous envelope around the earth is known as a between an altitudes of 11-50km is (i) Thermosphere (ii) Mesosphere (iii) Troposphere (iv) Stratosphere	tmosphere. Ti	he region lying	(1)
2)	Troposphere pollutant contains (i) Dust (ii) Water vapours (iii) Mist (iv) All of these			(1)
3)	Ozone depletion will cause (i) forest fires (ii) eutrophication (iii) bio magnification (iv) global warming			. (1)
4)	Which one of the following affects chlorophyll? (i) Sulphur dioxide (ii) Nitrogen oxides (iii) Carbon dioxide (iv) Both (i) & (ii)			(1)
5)	Most common and commercial water pollutant is (i) Industrial Waste (ii) Fertilizers (iii) Detergents (iv) PCB's			(1)
6)	Heat pollution affects mainly (i) Vegetation (ii) Aquatic creature			(1)

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20)

a)

b)

[OR]

a)
[OR] What is principle of composting method of solid waste management? How it is carried out and explain various types of compositing?

(8)

What is meant by soil pollution? What remedial measures can be taken to avoid

(i) Explain reverse osmosis for purification of water. (5 Mark)

(ii) List out the advantageous of reverse osmosis. (3 Mark)

----End----

(8)

(8)

pollution of soil?