Set – 1

Table 14.1 Major Water Pollutants

Pollutant	Source
Micro-organisms	Domestic sewage
Organic wastes	Domestic sewage, animal excreta and waste, decaying animals and plants, discharge from food processing factories.
Plant nutrients	Chemcial fertilizers
Toxic heavy metals	Industries and chemical factories
Sediments	Erosion of soil by agriculture and strip mining
Pesticides	Chemicals used for killing insects, fungi and weeds
Radioactive substances	Mining of uranium containing minerals
Heat	Water used for cooling in industries

Q1. What is the source for radioactive substances?

A. Mining of uranium
B. Domestic sewage
C. Industries and chemical factories
D. Erosion of soil

Ans. (A)

Set – 2

Table 14.2 Maximum Prescribed Concentration of Some Metals in Drinking Water.

Metal	Maximum concentration (ppm or mg dm^{-3})
Fe	0.2
Mn	0.05
Al	0.2
Cu	3.0
Zn	5.0
Cd	0.005

Q1. A water sample has Mn concentration as 0.5ppm. Is it safe to drink?

A. Safe
B. Not safe
C. Cannot say
D. None of the above

Ans. (B)

Q2. Maximum concentration of Cd in drinking water is

A. 0.5ppm
B. 0.7ppm
C. 0.005ppm
D. 0.07ppm

Ans. (C)