

SEAT No. _____

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No. of Printed Pages : 2

[43/A14]

SARDAR PATEL UNIVERSITY
T. Y. B. Sc. (SIXTH SEMESTER) EXAMINATION
2018

WEDNESDAY, 28th MARCH

Time: 10.00 a.m. to 01.00 p.m.

US06CENV02 (ENVIRONMENTAL SCIENCE)
(ENVIRONMENTAL TOXICOLOGY)

Note: 1. Answers of all the questions (including multiple choice questions) should be written in the provided answer book only

2. Figures to the right indicate the full marks of sub question

3. Draw neat and labelled diagrams wherever necessary

Maximum Marks: 70

Q. 1. Multiple choice questions

(10)

1. _____ is where equilibrium concentration of the organism is higher than that in its food.
a. Bioconcentration b. Bioavailability c. Bioconversion d. Biomagnification
2. Contaminant transport in air occurs primarily by _____ processes.
a. Diffusional b. Decompositional c. Evaporational d. All of these
3. _____ is the example of chemical exposure symptom.
a. Raynaud's b. HAVS c. Muscle pains d. Flu-like symptoms
4. _____ stores food in a vacuum environment, usually in an air-tight bag or bottle.
a. Pickling b. Vacuum-packing c. Heating d. Freezing
5. It is recommended to wear hearing protection when noise exceeds _____.
a. 90 dBA b. 80 dBA c. 85 dBA d. 70 dBA
6. _____ is now considered teratogen causing embryo toxicity.
a. Mercury b. Lead c. Arsenic d. Chromium
7. _____ chromium is powerful oxidant and can pass through RBC membrane.
a. Monovalent b. Bivalent c. Trivalent d. Hexavalent
8. Organic mercury has greater affinity for the _____.
a. Stomach b. Kidney c. Intestine d. Brain
9. _____ can cause severe headache and hypertension by tyramine from tyrosine.
a. Cheese b. Chocolate c. Coffee d. Tea
10. Pathological symptoms appearing at the specified concentrations are called _____.
a. Side-effect b. Overdose c. Lower dose d. No-effect

①

(P.T.O.)

