

B. Pharm / Sem - I (BSGS KT)

06/4/16

EVS

QP Code : 24927

(3 Hours)

[Total Marks :70

- N.B. : (1) All questions are compulsory.
(2) Draw diagrams wherever necessary.
(2) Figures to the right indicate full marks.

1. (a) Define Lithosphere 1
(b) What is the scope of environmental education. 2
(c) What do you mean by 2
(i) Eutrophication
(ii) Renewable resources
(d) What are the abiotic factors in terrestrial biome and aquatic life zones. 2
(e) What are secondary air pollutants. Give two examples. 2
(f) Define carbon credit. What are its advantages. 3
(g) Define sustainable development. Enlist measures for sustainable development. 3
2. (a) What is global warming. Explain in brief the causes and possible effects of global warming. 4
- OR**
- (a) What are the sources of water pollution. Illustrate various steps involved in treatment with help of flow diagram.
(b) What are food chains and food webs. Discuss the energy flow in an ecological pyramid. 4
(c) Enlist the functions and Powers of State Control Pollution Board. 3
3. (a) What are solar cells ? With the help of diagram explain the principle and working of Photovoltaic cell. 4
(b) Explain the four stages of disaster management. 4
(c) Explain the role of technology in environment and health. 3
- OR**
- (c) Give a brief account of indoor air pollution.
4. (a) What is geothermal energy. Write a note on steam power plant. 4
(b) State the objectives of Forest Conservation Act. Enlist the powers of state government under this Act. 4
(c) Write the sources, effects and control measures for E-Pollution or Noise Pollution. 3

XZ-Con. 64-15.

TURN OVER

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5. (a) Define Environment Impact Assessment. Explain steps for environmental clearance and consent. 4
(b) Enumerate the factors responsible for depletion of mineral resources and forest resources. 4

OR

- (b) Explain global environmental crisis related to sanitation and population. 3
(d) Explain Solid waste management by landfills. 3
6. (a) Write short Notes on (Any two) 6
(i) Bhopal Gas Tragedy.
(ii) Minamata disease.
(iii) Taj Trapezium case study.
- (b) What is Green House Effect ? Enlist the impacts of Green House Effect 2
(c) Explain control of use of plastic using the principle of 3R. 3