

FYBEM sem II Reg & A.T.K.T. Exam March - 2020

Duration: 2 ½ Hrs.

E.V.S. 03/3/20

Marks: 75

- Note: (1) All the questions are compulsory)  
(2) Each question carries 15 marks. Figures to the right indicate full marks.  
(3) Draw diagrams wherever necessary.

(1) (A) Fill in the blanks : (Any 8 out of 10)



(8)

- The sphere consists of living thing called as \_\_\_\_\_.
- One example of abiotic component \_\_\_\_\_.
- Different food chains combine together to form \_\_\_\_\_.
- GIS stands for \_\_\_\_\_.
- One type of Environmental Audit \_\_\_\_\_.
- One environment problem associated with industries is \_\_\_\_\_.
- One example of Secondary Sector Industry is \_\_\_\_\_.
- EIA stands for \_\_\_\_\_.
- ENVIS stands for \_\_\_\_\_.
- Chipko Movement as started by \_\_\_\_\_.

(B) Choose the correct alternative: (Any 7 out of 10)

(7)

- \_\_\_\_\_ is a process by which water bodies eventually dried up.  
i) Desertification ii) E-Waste iii) Dumping grounds. iv) Eutrophication
- \_\_\_\_\_ book contains the name of endangered species.  
i) Blue ii) Yellow iii) Green iv) Red
- Zoo is an example of \_\_\_\_\_.  
i) None ii) In-situ iii) Out-Situ iv) Ex-situ
- Environment system is a \_\_\_\_\_ system.  
i) Functional ii) constant iii) None iv) Dynamic
- Bases of spatial interaction are \_\_\_\_\_.  
i) Complementarily ii) Intervening opportunity iii) Transferability iv) All of these.
- The outermost layer of earth is \_\_\_\_\_.  
i) Magna ii) Solid iron ore. iii) Mantle iv) Crust
- The ancient rain water harvesting method in Rajasthan is \_\_\_\_\_.  
i) Surangam ii) Kullis iii) Kattas iv) Nadis

- h) The concept of GPS is based on \_\_\_\_\_  
i) Speed ii) Velocity iii) Temperature iv) Time
- i) One pillar of EIA is \_\_\_\_\_  
i) Integrity ii) Reuse iii) Economics iv) None
- j) Energy derived from running water is called as \_\_\_\_\_  
i) Geothermal ii) Tidal iii) Nuclear iv) Hydel

2 (a) Explain the structure and functions of an ecosystem (15)

OR

- b) What is Environment? Discuss the abiotic components of the environment. (8)  
c) Discuss the factors responsible for loss of biodiversity. (7)

- 3 a) What is deforestation? Explain in brief the effects of deforestation (8)  
b) Write a note on non-renewable energy sources. (7)

OR

- c) Explain the method of water conservation. (8)  
d) What measures can be taken to conserve soil? (7)

- 4 a) Give a brief account of three sector theory of economic activity. (8)  
b) What is the impact of Industries on the Environment? (7)

OR

- c) What are the environmental issues related with mining? (8)  
d) What is environment management? Discuss its features. (7)

- 5 Technology plays a vital role in environmental management. Explain. (15)

OR

Write short notes: (Any Three) (15)

- i) Genetic Diversity  
ii) Hydrological cycle  
iii) Environmental Audit  
iv) Greenhouse effect  
v) Tidal energy