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**Roll No. ....**

**TEV-211/BCH-206/**

**BEH-204/BHM-205/**

**DHM-205/AECC-211**

**B.C.H./B.E.H./B.H.M./D.H.M./B.J.M.C./**

**B.V.A./ A & G**

**(SECOND SEMESTER)**

**END SEMESTER EXAMINATION,**

**July/Aug., 2022**

**ENVIRONMENTAL SCIENCE**

**Time : Three Hours**

**Maximum Marks : 100**

**Note : (i) All questions are compulsory.**

**(ii) Answer any *two* sub-questions among  
(a), (b) and (c) in each main question.**

**P. T. O.**

(2) TEV-211...AECC-211

(iii) Total marks in each main question are twenty.

(iv) Each sub-question carries 10 marks.

1. (a) Explain the different segments of the environment in details. (CO1)
- (b) Describe the multidisciplinary nature of environment science. (CO1)
- (c) Explain food chain, food web, Biome, ecological pyramid and ecological succession. (CO1)
2. (a) Explain "solar energy is the energy for future of India". (CO1, CO2)
- (b) Write notes on shifting cultivation, value of biodiversity, rain water harvesting and afforestation. (CO1, CO2)
- (c) Describe the conventional and non-conventional sources of energy. Compare their effects on environment. (CO1, CO2)
3. (a) Define solid waste and also explain various disposal methods of solid waste. (CO1)

(3)

- (b) Explain causes, effects and control measures of air pollution in details. (CO1)
- (c) Explain sources, effects and control measures of water pollution in details. (CO1)
4. (a) Explain the phenomenon of green house effect and also explain the adverse of greenhouse effect. (CO1, CO2)
- (b) Explain the acid rain and its adverse effect on environment. (CO1, CO2)
- (c) Describe the IWPA, 1972. (CO1, CO2)
5. (a) Role of information technology in environment and human health. (CO1, CO2)
- (b) Describe the earthquake and their effects. (CO2)
- (c) Explain the disadvantages of population explosion.