



HAF-003-001633 Seat No. _____

Third Year B. Sc. (Sem. VI) (CBCS) Examination

June / July - 2017

Microbiology : MB - 603

(Environmental Science) (New Course)

Faculty Code : 003

Subject Code : 001633

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All questions are compulsory.
(2) The right side figures indicate total marks of the question.

1 Answer specifically : **20**

- (1) What is Biosphere ?
- (2) What is afforestation ?
- (3) Give full form of - JFM, NTFPs.
- (4) Define : Soil Erosion.
- (5) What are Detritivores ?
- (6) Define : Food web.
- (7) What is Ecosystem degradation ?
- (8) The animal eating grass and plants are called _____.
- (9) Which ecosystem is highly endangered ?
- (10) A rare fish which is endangered is _____.
- (11) Give examples of Hotspots in India.
- (12) Wild Life Protection Act was passed in _____ year.
- (13) What is Dobson unit ?
- (14) Define : Smog.
- (15) Enlist different Horizons of soil.
- (16) What is PCB ?
- (17) Give reason of melting of ice caps on polar region of earth.

- (18) Give full form of EIA, CPCB.
 (19) Give two names of chemicals found in Acid Rain.
 (20) What is the meaning of IPCC and MOEF ?

- 2** (a) Answer specifically : (any three from six) **6**
- (1) What is Hydroelectric Power ?
 - (2) Define : Environmental Science.
 - (3) Why Nuclear Power is dangerous ?
 - (4) Enlist Terrestrial Ecosystems.
 - (5) Define : Food web.
 - (6) What are elemental cycles ?
- (b) Answer specifically : (any three from six) **9**
- (1) What is Tidal Power Production ?
 - (2) How land resource degrades ?
 - (3) Define Ecosystem and give its components.
 - (4) Give functions of Ecosystem.
 - (5) What is species diversity ?
 - (6) Define : Insitu and Exsitu conservations.
- (c) Write notes on : (any two from five) **10**
- (1) Food Resources
 - (2) Scope of Environmental science
 - (3) Food chains, food webs and Ecological Pyramids.
 - (4) Energy flow in Ecosystem.
 - (5) India as a Mega Diversity Nation.
- 3** (a) Answer specifically : (any three from six) **6**
- (1) Define : Hotspots of Biodiversity.
 - (2) What are extincted species ?
 - (3) What is water pollution ? Enlist four water pollutants.
 - (4) What is Thermal Pollution ?
 - (5) Define : Global warming.
 - (6) What are Green House Gases ?

- (b) Answer specifically : (any three from six) **9**
- (1) What are the consequences of Air pollution ?
 - (2) Describe two types of effects of noise pollution on human ear.
 - (3) What is solid waste management ?
 - (4) What is Acid Rain ?
 - (5) What are the effects of Global warming ?
 - (6) How ozone layer gets depleted ?
- (c) Write notes on : (any two from five) **10**
- (1) Threats to Biodiversity
 - (2) Nuclear Hazards
 - (3) Soil Pollution
 - (4) EIA
 - (5) Forest Conservation Act.
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