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MBE 509

III Semester M.Sc. Degree Examination, December 2018
MICROBIOLOGY (CBCS-PG-CGPA)
Applied Microbiology (Open Elective)

Time : 3 Hours

Max. Marks : 70

I. Answer **any three** of the following :

(3×10=30)

- 1) Discuss the microbiology of fermented dairy products.
- 2) Explain the factors influencing soil microflora.
- 3) Give an account on microbial degradation of herbicides.
- 4) Write an account on the interaction between microbes and plants.
- 5) Discuss the molecular diagnosis of microbial diseases.

II. Write a note on **any five** of the following :

(5×5=25)

- 6) Sausage.
- 7) Functional foods.
- 8) Waste water treatment by microbes.
- 9) Bioreclamation of mines.
- 10) Biopesticides.
- 11) *Klebsiella pneumoniae*.
- 12) Vaccines.
- 13) Spoilage of fruits.

P.T.O.



III. Write a short note on **any five** of the following :

(5×3=15)

- 14) Disinfection.
 - 15) Biogas.
 - 16) Parasitism.
 - 17) *Listeria*.
 - 18) Probiotics.
 - 19) Tofu.
 - 20) Phyllosphere.
 - 21) Bioleaching.
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