

Total No. of Questions : 5]

P273

SEAT No. :

[Total No. of Pages : 2

[4717]-1017
F.Y. B.Sc.
MICROBIOLOGY
Introduction to Microbiology
(New Course 2013 Pattern) (Paper-I)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Draw neat labelled diagrams wherever necessary.*
- 3) *Figures to the right indicate full marks.*

Q1) Answer the following:

[16]

- a) Name any two diseases caused by bacteria.
- b) Give any two examples of gram negative bacteria.
- c) Define - pH.
- d) The two purines found in DNA are _____ and _____.
- e) State - true or false:
 - i) Pili are organs of motility in gram negative bacteria.
 - ii) Sporozoa are non-motile protozoa.
- f) Name the different sexual spores produced by fungi.
- g) What is a base? Give two examples.
- h) Match the following:
 - i) Elie Metchnikoff: Genes as regulating agents
 - ii) Beadle & Tatum: Vaccination: Phagocytosis by immune system cells.

Q2) Write short notes on Any Four:

[16]

- a) Rickettsia.
- b) RNA.

P.T.O.

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Lourdes Norman-McKay



Fybsc Microbiology Syllabus 2014 2015:

Microbiology Syllabus Evelyn F. Morgan, 1962

Syllabus for Microbiology 100 Erling J. Ordal, 1949

MICROBIOLOGY (PAPER--II) MICROBIAL CULTIVATION & GROWTH [2 Credits] Rajashree Bhalchandra

Patwardhan, Pragati Sunil Abhyankar, 2020 The syllabi for F Y B Sc Microbiology have been revised and modified so as to widen the scope of the subject to be compatible to present developments and needs of the subject Our effort is to provide the students with the best guidelines in order to help them to achieve the expected outcomes in these changed circumstances This book covers the entire new and revised syllabus for the first semester of F Y B Sc Microbiology as prescribed by SPPU

Microbiology Jacquelyn G. Black, 1999-01-15 This book has been a best selling textbook for several editions due to its informal writing style and enlightening examples The result of years of teaching and investigation the author's reader centered writing style provides readers with the background they need to truly comprehend the key principles A

Curriculum of Basic and Applied Microbiology Riaz-ul Haque, International Foundation of Microbiology, 1973

Microbiology Lourdes Norman-McKay, 2013

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