

FACULTY OF SCIENCE
MICROBIOLOGY

Ph.D. Eligibility Test
Model Question Paper

(Note: At least 14 questions should be prepared from each unit)

Time: 90 minutes

Max. Marks: 100

Answer all questions
All questions carry equal marks

- Lederberg and Tatum (1946) described the phenomena of
 - Conjunction
 - Transformation
 - Mutation
 - Plasmids
- What is the most common monosaccharide?
 - Cellulose
 - Glucose
 - Triglycerides
 - Starch
- Hybridoma technique was first discovered by.
 - Kohler and Milstein
 - Robert Koch
 - 'D' Herelle
 - Land Steiner
- The transfer of genetic material during transformation is proved basing on Griffith's experiment by
 - Avery Macleod & Mc Carthy
 - Lederberg & Taulum
 - Zinder & Lederberg
 - Watson & Crick
- Aspergillus niger* is used generally for the production of
 - Ethanol
 - Lactic acid
 - Penicillin
 - Butyric acid

Chairman
BOARD OF STUDIES, MICROBIOLOGY
KAKATIYA UNIVERSITY
WARANGAL - 506 009.

12/3/11

FACULTY OF SCIENCE

MICROBIOLOGY

Ph.D. Eligibility Test

Question Paper to be prepared accordingly

S. No.		No. of questions to be prepared
Unit- I	A	4 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- II	A	4 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- III	A	4 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- IV	A	4 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- V	A	4 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- VI	A	5 questions
	B	4 questions
	C	4 questions
	D	4 questions
Unit- VII	A	5 questions
	B	4 questions
	C	4 questions
	D	4 questions
Total No. of questions		100 questions

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature] / 12/3/16