



Estd. 1962
NAAC 'A' Grade

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग- २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

SU/BOS/Science & Technology /9876

Date : 04/09/2018

The Principal,
All Affiliated Colleges/Institutions
Shivaji University, Kolhapur.

Subject: Regarding minor changes in the nature of practical question paper and distribution of Marks B.Sc Part-I Microbiology under the Faculty of Science and Technology.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to minor changes in the nature of practical question paper and distribution of Marks B.Sc. Part-I Microbiology under the Faculty of Science and Technology.

You are therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar
(Board of Studies Section)

Copy to :-

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|---|---|----|-------------------------------|
| 1 | The Dean, Faculty of Science & Technology | 8 | Appointment Section |
| 2 | The Chairman, Respective Ad-hoc Board | 9 | Centre for Distance Education |
| 3 | Exam Section | 10 | Computer Centre |
| 4 | Eligibility Section | 11 | Affiliation Section (U.G.) |
| 5 | O.E. I Section | 12 | Affiliation Section (P.G.) |
| 6 | O.E. II Section | 13 | P.G.Admission Section |
| 7 | O.E. III Section | 14 | P.G.Seminar Section |

Nature of Practical Question Paper and distribution of Marks

B. Sc. I – Microbiology From 2018-19

1) Special Staining (Cell wall/Capsule/Volutin Granules) **10 Marks**

2) Isolation and Study of – *E.Coli/ Staph qureus /Bacithus* Spp.

OR

SPC of Milk/Water **15 Marks**

3) Demonstrate of presence of microorganisms in/ on air/water/skin/nails/teeth.

OR

Biochemical tests Indole test/MR test/VP test/H₂S production test/GitateUtilisation test/Sugar fermentation test **5 Marks**

4) Enzyme activity/ MBRT test **5 Marks**

5) Spotting **10 Marks**

6) Journal **5 Marks**