

NEW
Part-III 3-Tier
2019

ZOOLOGY

(Honours)

PAPER—VII

(PRACTICAL)

Full Marks : 100

Time : 5 Hours

The figures in the right-hand margin indicate full marks.

[Instructions to the Examiners]

1. Provide individual sample to each candidate

	<u>Marks</u>
Examination under microscope	05
Draw and label	$2\frac{1}{2} + 2\frac{1}{2} = 05$
Four morphological characters	04
Identification	02
Total :	<hr/> 16 <hr/>

2. Set the slides as per syllabus

	<u>Marks</u>
Three salient characters	02
Identification	01
	<hr/> 03 <hr/>

3. Provide the candidate with microbial sample and stain.

	<u>Marks</u>
Fixation and staining	02
Examination under microscope	04
Draw and Label	02
Generic name	02
	<hr/> 10 <hr/>

4. (a) Provide unknown sample to each candidate

	<u>Marks</u>
Experiment	08
Observation	05
Inference	02
	<hr/> 15 <hr/>

- (b) Provide unknown sample to each candidate. Provide fresh graph paper and OD value of at least 5 standard concentrations. Students will draw standard curve on his/her own.

	<u>Marks</u>
Experiment	08
Observation	05
Inference	02
	<hr/> 15 <hr/>

5.	<u>Marks</u>
Fixation and staining	05
Observation under microscope	03
Draw and level	02
	<hr/> 10 <hr/>

6.	<u>Marks</u>
Experiment	03
Result and comment	02
	<hr/> 05 <hr/>

7. Laboratory Note Book must be signed by teachers.

Marks

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|---|----------|
| (i) Minimum marks for submission | 04 |
| (ii) Excellent drawing (scientific and properly labelled) | 08 to 10 |

8. Viva-Voce.
