

NEW**Part-III 3-Tier****2017****ZOOLOGY****(Honours)****PAPER—VIII****(PRACTICAL)****Full Marks : 100****Time : 5 Hours**

- *The figures in the right-hand margin indicate full marks.
Candidates are required to give their answers in their
own words as far as practicable.*

Answer all questions.

[Instructions to the Examiners]

**Standard detailed marks distributions which are not
usually mentioned in the question paper**

*[Students may be given 60% of allotted marks for simple
correct answers and upto 100% for mentioned full*

(Turn Over)

specifications as below with correct answers in each question]

[It is better if these additional criteria are declared to the students before they start performing in practical exams.]

Paper VIII

Experiment on environmental biology :

- (i) Calculation may be included in the answers; Extra credit should be given in case of detailed calculation and their explanations (not just a calculation using a formula).
- (ii) Graph drawn should be self-explaining in case of LC_{50} and LD_{50} (Not in the question).

Experiment on food Adulteration :

- (i) Extra credit should be given for writing the chemical mechanism of detecting adulterant.
- (ii) Students are expected to write the significance in terms of harmful effects of the adulterant. Writing only presence or absence of presence or absence of adulterant will be rewarded with fewer marks. Only observation and inferences are needed.

Identification (each) :

- (i) For chordate and non chordate specimen —
 - (a) Scientific name with correct spelling - 1 mark

- (b) Systematic position with correct spelling - 2 marks
- (c) Characters; overall - 2 marks
- (ii) For bones specimens —
 - (a) Extra marks given if systematic position.
- (iii) For Applied Zoology specimens —
 - (a) Scientific name with correct spelling - 1 mark
 - (b) Systematic position with correct spellings - 2 marks
 - (c) Importance / Economic importance - 2 marks

Field report :

- (i) Minimum marks for submission of a valid field report - 4 marks
- (ii) Extra credits for writing details of species diversity - 2 marks
- (iii) Viva on field excursion - 4 marks.

Project / Review work :

- (i) Minimum marks submission of a project report / review - 5 marks.
- (ii) Viva on project - 5 marks.

Viva-voce :

- (i) Minimum marks for appearing - 2 marks