

2017

ZOOLOGY

(Animal cell Biotechnology Lab.)

[Gen. Elective]

(CBCS)

(Practical)

PAPER –GEIP

Full Marks : 20

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

- I. Write down the reagents required and protocol for the _____ technique with proper diagram. 2 + 4**

2. List the ingredients used in Bacterial culture media. Mention its types. 2 + 2

 3. From the given DNA fingerprinting profile identify proper parents. Justify your answer. (Sample Provided). 2 + 3

 4. Laboratory Note Book. 2

 5. Viva-voce. 3
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Instruction to Examiners

1. Either one technique from the following are to be given on alternate days.
Plasmid DNA isolation/PCR/Western Blotting.
2. List the Bacterial culture media ingredients and its types.
3. Examiners should provide one of the given sample (figure A or B) as enclosed in the instruction (Make photocopy of the figure and supply it to the students. Student should attach the figure with the answer script.)

A			
Female	Infant	Male 1	Male 2
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

B

Female

Infant

Male 1

Male 2

4. Submission of Laboratory Note Book with proper signature of respective teacher. 2

5. Viva-voce : Examiner will ask six questions from syllabus. $\frac{1}{2} \times 6$