

2017

BOTANY

[Honours]

(CBCS)

(Practical)

PAPER —C2P

Full Marks : 20

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Perform the qualitative tests for the given sample A.
Write down results and draw inference. 8
(Requisition — 2, Chemical tests (minimum
2 tests)—4, results and inference—2)

2. Make a microscopic preparation of the sample B.
Draw, label, describe and comment on findings. 4
(Preparation— 1, Diagram with labelling—1,
Comments—2)
3. Identify the specimen 'C' and 'D' with reasons. $1\frac{1}{2} \times 2$
4. Laboratory Note Book. 2
5. Viva-voce. 3
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Instruction for Examiners

1. Any one sample (A) from carbohydrate/ sugar/ lipid/proteins. Can be supplied.
At least two tests should be performed.
Alternative samples may be supplied.
2. Under specimen 'B' for epidermal peeling Onion sample may preferably be supplied in accordance with syllabus for all cell wall study.
/For plasmolysis and deplasmolysis experiment suitable leaf material may be supplied.
/Aceto carmin preparation of onion or Rhoeo buds may be given.
3. For identification electron micro graph of cell organelles and/or any stage of mitosis or meiosis may be given.
4. Laboratory note books should have proper, legible signature(s) of the teachers/instructors.
5. Candidates are to be asked questions related to practical syllabus only.