

EXAMINATION PAPERS.

SESSION 1885-86.

PRIMARY EXAMINATION.

BOTANY.

1. Describe fully a plant cell with its sizes, forms, contents and methods of forming new cells.
2. Describe the various forms of cotyledons, stems and buds.
3. Define the various classifications of leaves and their functions.
4. What is a Thyrsus, Verticillaster, Calyx, Spadix, Spathe and Glomemle ?
5. Describe the various methods of fertilization in plants.
6. What are the principles of natural and artificial classification ? Give the divisions.
7. Describe the natural order of Bacteriaceæ with its four families.

HYGIENE.

1. Describe the manner of properly disinfecting an ordinary dwelling and its contents, such as clothing, bedding, etc., and give the quantity of disinfecting material necessary to be used for each 100 cubic feet of space ?
2. What quantity of air would you consider necessary to supply to each small-pox patient in the ward of a hospital, per hour ; (b) what cubic space should be given each patient ?
3. What is understood by ground water ? (b) in what ways may it become prejudicial to health ?
4. What is the composition of "Nesler's reagent ?" (b) what its uses ?
5. Name some of the principal hereditary causes of disease, what is a tavisur ?

ANATOMY.

1. Describe the shoulder joint.
2. Give the formation of the Lumbar Plexus of nerves, with its branches and their distribution.
3. The Rectum—its divisions, relations, blood and nerve supply.
4. The Pneumogastric nerve, its origin, course and communications, naming also the structures which it supplies.
5. What structures would have to be divided in order to expose the Supinator Brevis muscle throughout its entire extent.
6. Radial Artery, its course, relations and branches.
7. Anterior Triangle of the neck, its boundaries and divisions. Name the structures contained therein, with the relative position of each.
8. Male Urethra, its divisions, with the length and situation of each.

1. Des
2. Des
scopical
and carb
3. Wha
4. Exp
bile acids
5. Exp
samatapl
6. Whe
tity conta
7. Wha
8. Wha
that in th

1. Wha
effect and
2. Descri
3. Defin
4. Name
preparation
5. Cant
6. Name
parations o

1. Expla
2. Accou
3. Mode
of B. P. A
4. Descri
Sulphurous,
5. Select
Medicine, s
Potassium.
6. Give g
Meth. Spts.
7. Trace
also the act