

## CHEMISTRY.

*Examiner, - GEORGE L. MILNE, M. D., C. M.*

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1. Name some of the objective points in the examination of urine for chemical purposes.
2. What is the color of urine in icterus? What is the cause, and how would you detect the same?
3. What is the import of triple phosphate in the urine? describe its appearance under the microscope?
4. How is urine tested for Albumin by Heller's test? Describe the procedure?
5. Do medicinal agents change the color of urine? If so, name some of them, and give the changes in color so produced?

## MATERIA MEDICA.

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1. Write the following prescriptions:—
  - (a) A six-ounce mixture, tablespoonful dose, containing Acidum Salicylicum.
  - (b) A pill containing Acidum Arseniosum.
  - (c) A pill containing Zinci Valerianas.
  - (d) A pill containing Extractum Physo-tigmatis.
2. Name the alkaloids of cinchona, and give the preparations of quinine, and the dose of each?
3. How is resorcin, antipyrine and acetainlid obtained? State their characteristic properties, also give dose and uses of each.