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STATE OF WISCONSIN

State Historical Society
OF WISCONSIN,
MADISON. - WIS.

**Examinations for Teachers' State Certificates and for the County
Superintendent's Certificate.**

1902.

Times and Places.—The examination for teachers' state certificates will be held as follows for 1902:

August 12, 13, 14, 15, 1902, High School Building, Madison.
 December 29, 30, 31, 1902, and January 1, 1903, High School Building, Madison.
 The examinations for County Superintendent's Certificates will be held as follows:
 June 30 and July 1, 2, 3, 1902, Ryan High School Building, Appleton, Wis., at the High School Building in Eau Claire, Wis., and the High School Building in Madison.
 August 12, 13, 14, 15, 1902, High School Building, Madison.
 December 29, 30, 31, 1902, and January 1, 1903, High School Building, Madison.
Board of Examiners.—Supt. C. F. Viebahn, Watertown, Chairman; Albert Hardy, Platteville; Dr. J. W. Stearns, Madison.

Reports.—As soon as practicable after the examinations, the standing of applicants will be determined and reported to the State Superintendent, and a statement giving results of such examinations will be sent from his office to each candidate. Notice of omissions or apparent errors should be addressed to the State Superintendent.

Concessions.—The requirements of the examiners are absolute, and no material modifications of them should be asked in individual cases.

Stationery.—Stationery needed will be furnished by the Board of Examiners.

Character of the Examinations for Teachers' State Certificates.—The following list shows the branches in which candidates will be examined. The minimum standing required in each branch is 65, and the minimum average standing required for a certificate is 75.

I. **ELEMENTARY BRANCHES required for the limited (five years) certificate:** Reading, orthoepy, orthography, writing, English grammar, arithmetic, geography, U. S. history, algebra, geometry, civil government, theory and art of teaching, physiology, physics, English literature (historical), mental science, manual of the course of study for common schools, elements of agriculture, American and English literature, English composition and English history.

II. **ADVANCED BRANCHES required in addition to the preceding for the unlimited certificate:** Botany, zoology, political economy, general history, history of education, *geology, *chemistry, *astronomy, †English literature (critical), †Latin.

Experience—Moral Character.—To obtain the limited certificate, the candidate must have taught successfully at least twelve months; and to obtain the unlimited certificate, he must have taught successfully at least twenty-four months. Satisfactory evidence of moral character and successful teaching are required for which the candidate must furnish to the Board acceptable references.

Time Limits.—Candidates for limited certificates will be allowed trials at three consecutive sessions of the Board of Examiners in which to complete the examination; but if three trials are taken, the standings obtained previous to the third trial must be above the minimum average, or must be brought up by re-examination at the third trial.

Candidates holding the limited certificate will be allowed trials at any two consecutive sessions of the Board of Examiners during the validity of the certificate held, in which to complete the examination for a life certificate. Candidates for the life certificate who hold normal school certificates, will be required to pass examinations in algebra and geometry in addition to the studies listed under II.

Within the times herein fixed, re-examinations will not be required upon branches in which a satisfactory standing has been attained.

Persons who hold a county superintendent's certificate may within one year from its date secure a limited state certificate by passing the examinations in English Literature and Mental Science.

Selecting Examinations.—Candidates are advised not to attempt to pass all the examinations at one session, but to distribute their work so as to write in not more than one branch in any half day. That this may be done, the program of examinations remains unchanged from year to year.

Suggestions for Preparation.—For the guidance of those who desire to review any of the studies before examination, or are making original preparation in these branches, the follow-

*The candidate may elect any one of these three branches.

†The candidate may elect either of these branches.

ing information is given. The text books are designed for convenience only. The candidate may prepare from any books of equal rank with those named. He must, however, be sure that the book selected is of equal rank, as the tests suggested represent the minimum amount of knowledge which the Board of Examiners deem sufficient.

The candidate will be expected to draw correctly and creditably any apparatus or structure described in the papers on physics, physiology, botany, zoology and geology.

In connection with the work in physics, zoology and chemistry, the candidate will be required to present a laboratory note-book, which is a genuine record of experiments performed by him, and duly certified, of data gathered or work done, with the usual accompaniments of diagrams, observations and conclusions. For satisfactory work in these lines, credit will be given in each of the three branches.

READING. The candidate will be examined orally in these lines:—1. Grasp of the author's meaning. 2. Expression. 3. Pronunciation. 4. Kinds of poetry and meters. The object of the oral test is to form an estimate, not only of the candidate's scholarship, but also of his personal characteristics and his use of language.

AGRICULTURE. James' Practical agriculture, (Appleton's), or Bailey's Principles of Agriculture, (Macmillan).

COMPOSITION. Lewis' First Book in Writing English (Macmillan); Scott & Denny's Elementary Composition, (Allyn & Bacon); Maxwell & Smith's Writing in English, (American Book Co.).

ENGLISH HISTORY. Larned's History of England, (Houghton, Mifflin & Co.).

AMERICAN LITERATURE. Pattee's American Literature, (D. C. Heath).

CIVIL GOVERNMENT. Familiarity with the text of the constitutions of the state and nation, with Fiske's Civil Government in the United States and Hinsdale's American Government will be required.

PHYSIOLOGY. Martin's, the Human Body (briefer course).

PHYSICS. Gage's Physics, or, preferably Carhart and Chute's Physics. (Latest editions.)

GEOGRAPHY. The paper given on this subject will test the candidate's knowledge of mathematical, political and physical geography. Hinman's Eclectic Physical Geography, or Redway's Elementary Physical Geography.

THEORY AND ART OF TEACHING. Fitch's Lectures; Report of the Committee of Ten, the English, Mathematics, Natural History and Geography Conferences; the Report of the Committee of Seven on the Study of History in Schools, and Hinsdale's, The Art of Study, The Art of Teaching, White.

HISTORY OF EDUCATION. Browning's History of Educational Theories, Laurie's Rise and Constitution of Universities, first seven lectures; and Martin's Evolution of the Massachusetts Common School System.

ZOOLOGY. Orton's Zoology and Jordan & Kellogg's Animal Life.—A knowledge of the chief types of animal structure, acquired by dissections, is demanded.

ENGLISH LITERATURE (critical). Shakespeare's Macbeth, Merchant of Venice, and Julius Caesar; Coleridge's Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; George Eliot's Silas Marner; Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's essays on Milton and Addison; Kipling's The Day's Work; Stevenson's Kidnapped; Longfellow's Keramos. The selections from Shakespeare, Milton, Burke, Carlyle and Tennyson are required, and the examination upon them will be in writing. The candidates may select any three of the other prose works with the other specified works from the poets, for the oral examinations.

LATIN. Grammar, Ceasar (4 books), Cicero (6 orations), Virgil (6 books of the Æneid).
GEOLOGY. Leconte's Compend of Geology, and a knowledge of the general geological history of Wisconsin. Field notes in geology will be required.

POLITICAL ECONOMY. F. A. Walker's (advanced course); Bullock's Introduction to the Study of Economics; and Ely's Outlines.

GENERAL HISTORY. Myer's & Allen's Ancient History, and Meyer's Mediæval and Modern History, or Thatcher and Schwill's General History of Europe.

CHEMISTRY. Remsen's Chemistry (briefer course). A practical knowledge of laboratory work and experimentation is required.

ASTRONOMY. Young's Elements of Astronomy.

MENTAL SCIENCE. James's Psychology from Chapter X.

ENGLISH LITERATURE (historical). Pancoast's Introduction to English Literature.

BOTANY. Atkinson's Elementary Botany and Coulter's Plant Study. The candidate is expected to acquire much of his knowledge by a study of plants themselves in the field and laboratory. Special attention is called to the necessity of studying the lower plants, as well as flowering plants. Candidates cannot hope to pass the examination in botany solely by the study of the text recommended. The preparation should include the careful study, throughout at least one year, of various types of plants in the field and laboratory.

Unlimited State Certificates and Special Licenses on Diplomas.—Section 458c of the school code of 1901, provides that upon the recommendation of the Board of Examiners, the state superintendent may issue the unlimited state certificate to the holders of the diplomas of state normal schools, outside of Wisconsin, whose courses of study are fully and fairly equivalent to the courses of study in the Wisconsin Normal Schools, and the diplomas of colleges and universities other than the University of Wisconsin, whose courses of study are fully and fairly equivalent to corresponding courses in the University of Wisconsin. Graduates of colleges and universities must present to the State Superintendent of Public Instruction with their diplomas, satisfactory evidence of having given to psychology and pedagogy at least as much study as is required in this state of candidates for a life certificate. The holders of such diplomas desiring to obtain the state certificate should observe carefully the following directions:

1. Send the diplomas to L. D. HARVEY, State Superintendent, Madison, Wis., in time for action by the Board at its meetings announced in this notice.

2. Send with it the catalogue of the institution granting the diploma, for the year closing with the date of the diploma.

3. Send three references as to character.

4. Send three references as to success in teaching in the public schools of Wisconsin for at least two years. They should be persons who have seen your work and who are competent to judge of it.

Holders of diplomas, lacking the necessary experience in teaching but otherwise qualified may, if they so desire, receive a special license for two years by complying with the directions given above.

Character of the Examinations for the County Superintendent's Certificate.

The following list shows the branches in which candidates will be examined. The minimum standing required in each branch will be 65, the minimum average of all will be 75. Reading, orthoepy, orthography, writing, English grammar, and grammatical analysis, arithmetic, geography, United States history, algebra, geometry, constitutions of the United States and Wisconsin, theory and art of teaching, physiology, physics, physical geography, manual of the course of study for common schools, elements of agriculture, American and English literature, English composition and English history, school law, organization, management and supervision of district schools.

See specifications on opposite page, for branches named in the above paragraph.

The school code may be purchased of the State Superintendent for twenty-five cents. In making a study of school law, etc., candidates should give special attention to the matter included in I, III, IV, V, X, XII, XIII, XVI, XVIII, of the table of contents of the code; the Report of the Committee of Twelve on Rural Schools, article, Supervision, and appendices F, G, H, I, M and O; also the Manual for the Common Schools of Wisconsin.

Candidates for this certificate will be required to furnish a thesis based on original investigation in reference to school work in their county. The thesis will be an account of the actual inspection of at least two country schools and should be prepared before coming to the examination. It will be judged both as to matter and to form, that is, as an English composition.

Time Limits.—An applicant will be permitted to begin his examination at any regularly appointed examination, but must complete it before the corresponding examination in the ensuing year. Within the time herein fixed, re-examination will not be required upon branches in which a satisfactory standing has been attained.

Testimonials of Character.—Applicants must furnish to the State Superintendent three acceptable references of persons who will testify to their character.

Value of County Superintendent's Certificate.—This certificate, together with eight months' experience in teaching, constitutes a legal qualification to hold the office of county superintendent. *It also legally qualifies the holder to teach in any public school in the state for which a first grade county certificate is now a legal qualification, and remains in force during the life of the holder, unless sooner revoked by the State Superintendent.*

Assistants in Free High Schools.—Assistants who are required by law to pass special examinations in studies not included in the life certificate, may write at these examinations. These special subjects are included in the program.