

HEADING

MAY 4, 1917

FIRST YEAR

ACQUISITION DIVISION
FIRST EXAMINATION FOR COMPLETION OF
VOCATIONAL INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division.

Spelling

May 4, 1917.

First Year

- | | |
|----------------|-----------------|
| 1. grammar | 11. aviation |
| 2. dictionary | 12. censor |
| 3. agriculture | 13. biscuit |
| 4. mechanical | 14. delicious |
| 5. separate | 15. fertilizer |
| 6. receive | 16. beginning |
| 7. submarine | 17. thermometer |
| 8. sergeant | 18. temperature |
| 9. chocolate | 19. colonel |
| 10. patriotism | 20. aeroplane |

Dictate the following selection:

The poorest man may in his cottage bid defiance to all the force of the Crown. It may be frail; its roof may shake; the wind may blow through it; the storms may enter, the rain may enter, - but the king of England cannot enter; all his forces dare not cross the threshold of the ruined tenement.

The tendency to persevere, to persist in spite of hindrances, discouragements, and impossibilities - it is this that in all things distinguishes the strong soul from the weak.

ACCESSIONS DIVISION
 FIRST EXAMINATION FOR COMPLETION OF
 CURRICULAR INDIVIDUAL SCHOOL

CARLISLE INDIAN SCHOOL
 Final Examination for Completion of
 Vocational Division.

Grammar

May 14, 1917.

First Year.

I.

Form the plural of man, child, mouse, class, wife, church, boy, valley, fly, and alumnus. Give reasons for each.

II.

Write a sentence containing an object complement, one containing an attribute complement, and one containing an objective complement.

III.

Couple the adjectives and nouns that most appropriately go together: miles, duck, chattering, cow, violet, waddling, ten, modest, gentle, dove, dog, blackbird, cooing, faithful.

IV.

Change the following complex sentences to simple sentences by changing the adjective clause to an equivalent adjective:

- (a) The man who was sick has recovered.
- (b) The watch which came from Switzerland keeps good time.
- (c) People who are kind are sure to be popular.

V.

Analyze the following sentence: I saw Joffre, who won the battle of the Marne.

VI.

What is a pronoun? Fill in the following, giving reasons:

- (a) It is ---- (me, I)
- (b) (Who, whom) did you see?
- (c) I know it was ---- (he, him)
- (d) I saw ---- (her, she)

RECEIVED
CH. STURGEON

STATE OF PA.
MAY 14 1917

RECEIVED
MAY 14 1917

ACCOMMODATION DIVISION
FIRST EXAMINATION FOR COMPLETION OF
VOCATIONAL DIVISION
FIRST EXAMINATION FOR COMPLETION OF
CARTIERS INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division.

Composition

May 14, 1917.

First Year.

I.

Give four rules for the use of capital letters. Give one example of each.

II.

Use the following words in sentences: recruit, Lloyd George, practical, munitions, cruiser.

III.

Write a letter to Bowman & Co., Carlisle, Pa., ordering one-half dozen handkerchiefs, one pair of gloves, and an umbrella to be sent out in the afternoon delivery.

IV.

Use three adjectives that will appropriately describe the following nouns: tree, flag, parade, sky, Priscilla, Rip Van Winkle, sunset, blacksmith.

V.

Write your autobiography in one paragraph.

VI.

From the following subjects choose one as the subject of a theme at least a half page in length:

- (a) My Trip to Carlisle.
- (b) My Duty as a Citizen.
- (c) A runaway Team.

COMPOSITION

MAY 15, 1917.

FINAL EXAM.

ACCESSIONS DIVISION
 FINAL EXAMINATION FOR COMPLETION OF
 VOCATIONAL DIVISION

CARLISLE INDIAN SCHOOL
 Final Examination for Completion of
 Vocational Division.

Arithmetic

May 15, 1917.

First Year.

I.

$$\frac{3/4 \times 5.8504}{1.42} = ?$$

II.

Find the change that should be received from a five dollar bill in paying a carpenter for 5-1/2 hours' work at the rate of \$4.50 for an 8-hour day.

III.

A cellar 27 ft. wide and 40 ft. long is to be excavated to a depth of 6 ft. Find the cost at 50¢ a cu. yd.

IV.

A field 330 ft. wide and 400 ft. long is worth how much at \$90 an acre?

V.

How much more is paid a pound for a turkey that weighs 12-1/2 lb. and sells for \$3.75 than for a duck that weighs 5-1/2 lb. and sells for \$1.32?

VI.

A rectangular garden containing 5100 sq. ft. is 42.5 ft. wide. How many yards are there in its perimeter?

VII.

A carload of apples containing 160 bbl. weighs 30,000 lb. At 25¢ a hundredweight, the cost of shipping the apples is how much a barrel?

VIII.

What is the amount due on \$575 at the end of 6 months, if it has drawn interest at 3-1/2%?

IX.

A walk is to be built 1-1/2 yds. wide on the two sides of a corner lot, having a frontage of 60 ft. on one street and 90 ft. on the other. What will be the cost of the walk at 90¢ a sq. yd?

X.

A merchant going out of business offers his goods at a discount of 33-1/3%. How much must I pay for 4 tennis rackets at \$2.25 each, 1 dozen tennis balls at \$3.00 a dozen, and 1 basket ball at \$4.25?

COMBINATION
VOLUME 410
MAY 19 1917
MAY 19 1917
AGGREGATE DIABLO
MINIST. DEPARTMENT FOR COMBINATION OF
CIVILIAN INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division.

Industrial Geography.

May 15, 1917.

First Year.

I.

- (a) Compare the area of United States with that of Europe.
- (b) Name and locate your home state.
- (c) Name three things that affect climate.

II.

- (a) Locate the great wheat regions of the United States.
- (b) Tell of the importance of wheat.
- (c) Name three great cereal markets.

III.

- (a) Name the three kinds of sugar.
- (b) Tell where and how produced.

IV.

- (a) Name four great cotton markets of the United States.
- (b) Why has the price of cotton advanced recently?

V.

- (a) Where are the great fruit areas of our country?
- (b) Why should all farmers raise some fruit?

VI.

- (a) Name four great meat-packing centers.
- (b) Where is grazing the most important industry?
- (c) Name 5 products of the cattle industry.

VII.

- (a) Where are the great sheep producing areas of United States?
- (b) Where are the wool manufacturing centers?

VIII.

- (a) Where are the pine forests of United States?
- (b) What are the by-products of the forests?
- (c) Tell something of the movement to conserve the forests.

IX.

- (a) Tell the economic value of coal.
- (b) Where are the great centers of coal production?
- (c) Why are they also manufacturing centers?

X.

What state ranks first in each of the following: corn, wheat, cotton, lumber, petroleum, salmon, sheep, coal, gold, iron?

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division.

Botany.

May 16, 1917.

First Year.

I.

- (a) What are the principal food substances contained in seeds?
- (b) That seeds may germinate and grow, what conditions are necessary?

II.

Make a drawing of a seed of corn illustrating the early stage of germination and growth.

III.

- (a) Give the three chief functions of roots.
- (b) Give the three classes of roots according to form.
- (c) Define osmosis.

IV.

- (a) Give three chief functions of the stem.
- (b) Describe the flow of sap in the stem.

V.

Tell how plants obtain their food.

VI.

- (a) What is the chief aim or object of forestry?
- (b) What are the great enemies of forest trees?
- (c) Tell of the usefulness of forests.

VII.

- (a) Why does the crown of a tree or the foliage of a plant indicate the life and vigor of the plant?
- (b) What are the special functions of the leaves?

VIII.

- (a) What is the chief object of the flower?
- (b) Make a drawing of a flower and label the parts.

IX.

Why graft or use buds in making new varieties of plants?

X.

What are the things favorable to the dispersal or distribution of seeds?

BOFENIA... WOLA TE' JATA'... ELLAP KENL...
ADMISSION DIVISION
FINAL EXAMINATION FOR COMPLETION OF

CARLISLE INDIAN SCHOOL
Final Examination for Completion
of Vocational Division

General Exercises

May 16, 1917.

First Year.

I.

(a) Give the names of our national songs and their composers.

b) What effect has a sharp (#) upon a note, a flat (b), a natural (n)?

II.

Name five rules of conduct for the schoolroom.

III.

Why was the United States obliged to declare herself in a state of war with Germany?

IV.

(a) Name the greatest battle of the present world war.

(b) Name three great generals of the war.

V.

Name two matters prominently before Congress at the present date (May 12, 1917.)

VI.

What is the necessity for government?

VII.

Tell of the origin of the various forms of local government found in the United States.

VIII.

(a) What are the three departments of city government?

(b) Name the functions of each.

IX.

Tell of the new forms of city government being developed during the last few years.

X.

Give arguments for and against municipal ownership.

OF ACCREDITED DISTRICTS
 FINAL EXAMINATION FOR COMPLETION
 CARLISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
 Final Examination for Completion of
 Prevocational Division.

LANGUAGE

May 14, 1917.

Sixth Grade.

I.

Write a stanza of a poem you have learned this year.

II.

Fill in the blanks in these sentences with proper prepositions:

- (a) Mary went ---- the room and took ---her coat.
- (b) James came ---- school ---- his books ---- his arm.
- (c) He was very popular ---- the boys, and ---- the same time very firm.
- (d) Write these questions ---- the blackboard ---- the teacher.
- (e) The book was ---- the desk.

III.

Write two sentences; the one using either - or, the other using neither - nor.

IV.

Use correctly in sentences: "He and I," "you and me," "them and me," "she and I," "him and me."

V.

(a) Write a letter, giving complete heading and closing, to the American Book Company, 100 Washington Square, New York, N. Y., asking for their latest catalogue.

(b) Write a telegram to same firm asking for the latest book catalogue as before.

VI.

Use the following words correctly in sentences: ran, shall, could, gone, may.

VII.

Draw one line under the subject and two lines under the predicate:

- (a) The moon is very beautiful.
- (b) A range of high mountains is near my home.
- (c) Ripened seeds shake in their pods.
- (d) She walks in gorgeous apparel.
- (e) The farmer plowed the ground and planted the seed.

VIII.

Use the proper word in the following: (went, gone)

- (a) The boy ---- to town.
- (b) The girl has ---home.

(Saw, seen)

- (c) I have ---- the battle.
- (d) He ---- the fire.
- (e) Have you ---- the book?
- (f) I ---- the boys running races.

- (e) The rock was ---- the peak.
- (f) Write these sentences ---- the present ----
- (g) He was ---- the rock and ---- the
- (h) James came ---- school ---- the rocks ---- the
- (i) The man ---- the room and took ---- the

Write in the blanks in these sentences with proper

II

Write a sentence of a noun you have learned this year.

J

LANGUAGE

MAY 14 1917

SIXTH GRADE

CARLISLE INDIAN SCHOOL
 Final Examination for Completion of
 Prevocational Division.

LANGUAGE

May 14, 1917.

Sixth Grade.

IX.

- (a) Form the possessive singular of oriole, mouse, men, sheep, wife, house, hat pens, geese
- (b) Give singular form of women, children, deer, oxen, churches.

X.

Write a composition of half a page of a pleasure trip you have had, giving an account of the following points:

- (a) When it was
- (b) Where you went
- (c) With whom you went
- (d) An interesting experience connected with the trip.

(P) ...
(Q) ...

IX

TRAVEL

MAY 14, 1917

SIXTH GRADE

REPRODUCTION STATISTICAL
BUREAU INVESTIGATION FOR COMPLETION OF
SIXTH GRADE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Spelling

May 14, 1917.

Sixth Grade.

- | | |
|-------------------|------------------|
| 1. fertilizer | 25. though |
| 2. linen | 26. until |
| 3. flannel | 27. quarrel |
| 4. diploma | 28. loafer |
| 5. instruction | 29. musician |
| 6. subscriber | 30. servant |
| 7. advertisement | 31. saying |
| 8. leather | 32. writing |
| 9. collar | 33. opinion |
| 10. studding | 34. behavior |
| 11. mangle | 35. civilize |
| 12. blueing | 36. business |
| 13. rinsing | 37. guardian |
| 14. mortar | 38. reservoir |
| 15. believe | 39. privilege |
| 16. friend | 40. receive |
| 17. necessary | 41. cordially |
| 18. already | 42. precious |
| 19. listen | 43. library |
| 20. committee | 44. battalion |
| 21. disappoint | 45. executive |
| 22. America | 46. ancient |
| 23. United States | 47. February |
| 24. machine | 48. Philadelphia |
| | 49. circulation |
| | 50. sanitary |

Dictation:

There is the national flag. He must be cold indeed who can look upon its folds rippling in the breeze without pride of country. White is for purity, red for valor, blue for justice, and all together - bunting, stripes, stars, and colors blazing in the sky - make the flag of our country to be cherished by all our hearts, to be upheld by all our hands.

(75% for words in list)
(25% for dictation exercise)

(NUMBER AND TO ONE OF US' PART ONLY TO)

ALPHABETIC

NO. 12, 1911

HIGH SCHOOL

ILLINOIS STATE BOARD OF
EDUCATION FOR COMMISSION OF
SCHOOL INQUIRY BOARD

11. continued.

\$24.19; September \$27.65; October \$28.22; November \$30.27;
December \$34.63.

12.

Find the cost of digging a basement 30 ft. wide, 60 ft.
long and 6 ft. deep at 50¢ a cu. yd.

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Geography.

May 16, 1917.

Sixth Grade.

I.

- (a) Name 5 of the largest cities of the United States.
- (b) Name 3 prominent seaports and tell for what each is noted.

II.

- (a) Name 5 of the leading products of our own country exported to other lands.
- (b) Describe the natural resources of the United States.

III.

Name 2 great commercial countries of South America. Why are they important?

IV.

- (a) Name the countries comprising the British Isles.
- (b) Name 2 large cities of Europe.
- (c) Name 2 products peculiar to Europe.

V.

Give an account of the climate of Asia; chief industries there.

VI.

- (a) Why do we know so little of Africa?
- (b) Mention five animals from there.
- (c) Mention two products of Northern Africa.

VII.

- (a) Tell of the commercial importance of Canada. (b) From what country has Canada drawn many settlers recently.

VIII.

- (a) Tell of the government of Mexico at the present time. (b) What has caused United States to be interested in Mexico recently?

IX.

Classify and locate the following: Manila, Yangtse Kiang, Himalaya, New Orleans, Buenos Aires, Rhine, Vera Cruz, St. Lawrence, Nicaragua and Egypt.

X.

Mention a country from which the following are exported: diamonds, sulphur, salt, tin, rich silver mines, salmon, sugar, cattle, turpentine, ships.

PROVOCATIONAL DIVISION
FINAL EXAMINATION FOR COMPLETION OF
CIVILIAN INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Civics, Manners and Right Conduct.

Sixth Grade.

May 17, 1917.

I.

(a) Name the rights to which we as citizens of our country are entitled.

(b) How does the Government protect us in these rights?

II.

(a) Name some conditions or qualifications of good citizenship.

(b) What are the purposes of government?

III.

Name two rules governing your conduct at the table.

IV.

What is our system of voting? Explain how we do it?

V.

(a) Name three rights of a person accused of crime.

(b) Give the size and duties of a trial jury.

VI.

(a) What do you understand by suffrage? (b) Who may enjoy its privileges?

VII.

(a) What is a direct primary?

(b) Give two arguments in its favor.

VIII.

What is meant by government ownership?

№ 2 12 1812

STAGE, NUMBER AND KIND OF COURSE

SIXTH GRADE

PROVISIONAL DIVISION
FINAL EXAMINATION FOR COMPLETION OF
CIVILIAN INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Physiology & Hygiene.

May 18, 1917.

Sixth Grade.

I.

- (a) Name the parts of the digestive system.
- (b) What hinders digestion?

II.

- (a) Of what is blood composed?
- (b) What is its use?

III.

- (a) Tell the difference between the veins and arteries?
- (b) Why is it more dangerous to cut an artery than a vein?

IV.

- (a) Why is deep breathing best?
- (b) Why is air breathed into the lungs?

V.

- (a) Why do we ventilate?
- (b) Give one good method of ventilating a schoolroom.

VI.

- (a) Name five common communicable diseases.
- (b) How is tuberculosis spread to others?
- (c) Name three things one having tuberculosis should do.

VII.

- (a) Give three ways in which trachoma is spread.
- (b) Tell why this is a very serious disease.

VIII.

- (a) Why is it necessary to destroy flies?
- (b) How may we prevent flies?

IX.

- (a) Why should the water supply be kept pure?
- (b) Tell fully how milk should be cared for.

X.

- (a) Tell why there is such a movement against alcohol all over the world.
- (b) How is tobacco injurious?

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

LANGUAGE

May 14, 1917.

Fifth Grade.

I.

(a) What are homonyms?

(b) Use the following homonyms in sentences: 1. there, their
2. sea, see. 3. by, buy. 4. here, hear. 5. would, wood.

II.

Write the plural of lady, man, farmer, child, woman, goose, ox,
story, horse, sheep.

III.

Use may or can in each blank:

1. Mr. Smith, ----- I leave the room?
2. You ----- stay all day.
3. Henry, ----- you write a story?

Use teach, taught, or learn in each blank:

1. Will you ----- me to draw?
2. She will ----- you how to sew.
3. When did you ----- to fly a kite?

Use go, went, or gone in each blank:

1. My sister has ----- to town.
2. Has she ----- to Room 6?
3. I think he ----- last week.
4. Have they ----- for flowers?

IV.

Write the abbreviations of the following named States:
Wisconsin, Pennsylvania, Montana, Minnesota, Maine, Illinois,
North Carolina, Louisiana, Tennessee, Maryland.

V.

Change the words underlined to contractions:

- (a) Do not open the windows.
- (b) He does not come to school.
- (c) The soldier can not see through the smoke.
- (d) I have a new book.
- (e) I will go for him.

VI.

Re-write, place capitals, punctuation marks, and quotation marks:

- (a) the gardener said do not walk on the plants
- (b) I said to william bring me a pitcher of water
- (c) we will have tests in march said the teacher
- (d) she replied it is frank who went to carlisle
this morning

VII.

Change from direct to indirect quotations:

- (a) John said, "I will go tomorrow."
- (b) His mother said, "When will you return?"
- (c) "Water the flowers," said the matron.
- (d) "Is it going to rain?" asked the boy.

apoxa' not ee' apesd.
ALICE THE BIRTH OF JESUS, WITH ILLUSTRATIONS, CANTO, MONTU, BOOSE, OX,

II.

S. see' see' g' pl' pl' +. here' here' g' montu' montu'.
(p) use the following words in sentences: I. here' here'
(s) use the following

J.

LANGUAGE

MAY 14, 1917.

Fifth Grade.

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

LANGUAGE

May 14, 1917.

Fifth Grade.

VIII.

Write these sentences using the correct one of the inclosed words: - Punctuate.

- (a) He (sits, sets) at his desk.
- (b) I will (lie, lay) down for a while.
- (c) (May, can) I go to the concert
- (d) The boys recited (there, their) lessons well.
- (e) She put a (flower, flour) in her hair
- (f) Mother bought a (beat, beet) in market
- (g) He has (ate, eight) horses in his barn
- (h) (Our, hour) work is done
- (i) Did you (here, hear) the musician in town
- (j) How the boys did (stare, stair) at him.

LX

Combine these sentences by using the word who:

- (a) The man lost his life.
He was on the submarine.
- (b) The people are called Russians.
They live in Siberia.
- (c) The boy bought a suit.
He went to town.
- (d) The boy watered the flowers.
He is our janitor.
- (e) The matrons gave a dinner.
They live in quarters.

X

Write a brief story about one of the following:

- (a) Our Campus
- (b) How I Expect to Spend my Vacation.
- (c) How I do My Industrial Work.

(*) He (atca' agce) of the desk

Words: - Enclosure
Life these sentences have the collect one of the enclosed

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ENCLOSURE

MAY 14 1917

1111 1111

DEPARTMENT OF EDUCATION
BUREAU OF INDIAN AFFAIRS

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division

Spelling

May 14, 1917.

Fifth Grade.

- | | |
|----------------|------------------|
| 1. rough | 26. laundry |
| 2. beautiful | 27. machine |
| 3. cellar | 28. newspaper |
| 4. common | 29. again |
| 5. welcome | 30. surprise |
| 6. uncle | 31. ribbon |
| 7. although | 32. sugar |
| 8. legislature | 33. incorrect |
| 9. plateau | 34. ceiling |
| 10. triangle | 35. famous |
| 11. disease | 36. language |
| 12. decimal | 37. baggage |
| 13. ocean | 38. practice |
| 14. gallon | 39. carpenter |
| 15. potatoes | 40. vegetable |
| 16. orchard | 41. everybody |
| 17. cement | 42. harness |
| 18. believe | 43. certain |
| 19. picture | 44. coarse |
| 20. daughter | 45. envelope |
| 21. submarine | 46. boiler |
| 22. government | 47. curtain |
| 23. kerosene | 48. Wednesday |
| 24. scissors | 49. handkerchief |
| 25. engineer | 50. o'clock |

(75% for spelling words)
(25% for dictation exercise)

Dictation:

Lost, somewhere between sunrise and sunset, two golden hours, each set with sixty diamond minutes. No reward is offered, for they are lost forever.

A man should never be ashamed to own he has been in the wrong, which is but saying in other words that he is wiser today than he was yesterday.

CARLISLE INDIAN SCHOOL
 Final Examination for Completion of
 Prevocational Division.

Arithmetic

May 15, 1917.

Fifth Grade.

I.

- (a) Change to decimals: $\frac{2}{5}$, $\frac{5}{8}$, $\frac{4}{5}$, $\frac{1}{3}$
 (b) Change to fractions: .5, .25, .375, .60

II.

Add .875, .48, .9, .25, .625, .248, .502, 63.06.

III.

- (a) Divide: 4608.004 by 73
 (b) Multiply: $85 \begin{array}{r} 37 \\ 32 \frac{2}{5} \end{array}$ $3 \frac{3}{4}$

IV.

Mr. Adams, a skilled workman, earns \$4.50 a day. Mr. Thomas, an unskilled workman, earns \$2.50 a day. Find the difference in their earnings for a month of 27 working days.

V.

From 30 yards of canvas 4 pieces are cut. The first contains $8 \frac{3}{4}$ yards; the second $5 \frac{1}{3}$ yards, and the third, $12 \frac{7}{8}$ yards, and the fourth $1 \frac{5}{6}$ yards. Find the number of yards that are left.

VI.

A field is 40 rods wide and 80 rods long. What is its perimeter in feet?

VII.

(a) Draw a rectangle 4 inches long and 2 inches wide. Divide it into square inches and explain how its area is found.

(b) A telephone connects 2 farmhouses $\frac{3}{4}$ of a mile apart. How many feet of wire are required for a single line? Find the cost at .003 a foot.

VIII.

A clerk earned \$93 a month. His board one month was \$18.75; his room rent \$8.50, and other expenses \$27.87. Find the amount of his expenses. How much had he left at the end of each month to put in the savings bank?

IX.

A milkman buys milk at \$.20 a gallon and sells it at \$.07 a quart. What does he gain on an 8-gallon can?

X.

A girl away from home, in High School, received from her father, on April 1, 1917, \$6.00, on April 7, \$7.50; on April 10, \$5.00; on April 20, \$7.70. She spent \$13.45 for board, \$2.75 for laundry, \$3.60 for clothes, \$1.90 for books, and \$4.50 for other expenses. Make the proper entries for a cash account and balance.

(P) CHANGE TO ELECTORAL: '9' '99' '210' '00
(S) CHANGE TO RECEIPTS: 5/2' 2/2' 4/2' 7/2'

ALTERNATE

MAY 12 1873

ST. LOUIS MO

MISSOURI STATE BOARD OF EXAMINERS FOR COMPLETION OF PREVOCATIONAL DIVISION

CARLINLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

History, Civics, Manners & Right Conduct

Fifth Grade

May 16, 1917.

I.

- (a) Name the five men who prepared the Declaration of Independence.
- (b) Who wrote it?
- (c) When was it adopted?
- (d) What did it mean?

II.

- (a) What were the causes of the Revolution?
- (b) How long did it last?
- (c) Name 2 battles, and 3 generals on each side.
- (d) What did we gain by the Treaty of Peace?

III.

- (a) From what country did we buy Louisiana?
- (b) What did we pay for it?
- (c) How large was it?
- (d) What two young men did Jefferson now send West?

IV.

- (a) Give two causes of The War of 1812.
- (b) What did we gain from this War?

V.

- (a) Name some inventors that lived in this period and tell what they invented.
- (b) Explain fully the Missouri Compromise.

VI.

- (a) Name the governor of your State. (b) What is the State Constitution? (c) What is the governor's veto? (d) Is it final? (e) Name three executive officers in the state.

VII.

- (a) What is the President's Cabinet? (b) Name three of them naming their position and tell their work.

VIII.

- (a) What is Congress? (b) How many Houses? Name them (c) For how long a period are the Senators and Representatives chosen?

IX.

- (a) Tell what you can about good manners at the table. (b) Tell all you can about KINDNESS (a) To people (b) To dumb animals

X.

- (a) Write a quotation or short poem you know, which you think teaches a good lesson, and tell why you like it. (b) Write a current event you gave during the year.

ASSOCIATION OF STATES
FIRST EXAMINATION FOR COMPLETION OF
PROVOCATIONAL DIVISION
CARTISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Geography. May 17, 1917. Grade Five.

I.

- (a) Name the continents in their order of size.
- (b) Name the oceans in their order of size.

II.

- (a) Compare North America with South America in size, in surface, in improvements.
- (b) Where are the great wheat fields of South America?
- (c) Name a mountain system, 3 large rivers, and 3 important cities of South America.

III.

Tell something about the government of each of the following countries: England, Spain, Germany, Russia and France.

IV.

To what country does most of Australia belong? What does it export to the mother country?

V.

- (a) Bound Africa. Name 3 countries that have control of it mainly.
- (b) Name its richest country and tell why it is so rich.
- (c) Name the most important river and city of Africa.

VI.

- (a) What valuable product do we get from Hawaii?
- (b) Tell how the people in Mexico and Central America live.

VII.

- (a) Name 2 rivers of Asia. (b) Name 4 countries of Asia.
- (c) What is the occupation of each?

VIII.

Name 5 bodies of water that surround North America.

IX.

Name two dependencies of the United States.

X.

Of what use are parallels? Of what use are meridians? Name the seasons. Name the races that live in North America.

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Physiology & Hygiene.

May 18, 1917.

Fifth Grade.

I.

- (a) Name two uses of the bones.
- (b) Of what are they composed?
- (c) Tell how to make them strong.

II.

- (a) Of what use is exercise to the muscles?
- (b) Tell of the consequences of little or no exercise on an athlete.

III.

- (a) Name two layers of the skin.
- (b) Give two good reasons for bathing.
- (c) What is harmful to the skin?

IV.

- (a) Describe the brain.
- (b) Name its parts and tell how to strengthen it.
- (c) What does the spinal cord do?

V.

- (a) What is the best treatment for snake bite? (b) Bee stings?

VI.

- (a) Give two methods for removing a cinder from the eye.
- (b) How would you stop the nose bleed?

VII.

- (a) What would you do if you saw a person's clothing on fire?
- (b) In case of a cut what should be done?

VIII.

What is the effect of alcohol on the brain, muscles and bones?

IX.

What are three of the bad results of using tobacco?

X.

Why should you be temperate in eating and drinking?

ON THE SUBJECT OF...
(a) ...
(b) ...
(c) ...
(d) ...
(e) ...

ИЗДАНИЕ 1917 Г. ...
ИЗДАНИЕ 1917 Г. ...
ИЗДАНИЕ 1917 Г. ...

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

LANGUAGE May 14, 1917. Fourth Grade.

I.

Put capital letters and punctuation marks where they belong in these sentences:

- (a) benjamin franklin went to france
- (b) cotton sugar rice corn wheat fruits and vegetables are raised in the united states
- (c) the indians liked captain smith
- (d) she went to new york on saturday
- (e) where are you going

II.

Use in sentences: learn, learned, teach, taught, and has.

III.

Use come in a sentence in the present tense and in the past tense.

IV.

- (a) Write a sentence naming five vegetables raised on this farm.
- (b) Write a sentence naming two cereals raised on this farm.
- (c) Write a sentence naming five fruits that are raised around Carlisle.
- (d) Write a sentence naming the livestock on this farm.

V.

Copy the following sentences filling the blanks with I, he, she, we, or they.

- (a) Frank and ----- are going to ride.
- (b) ----- and ----- have read the book.
- (c) Clara and ----- will do your errand.

VI.

Fill the following blanks with is, are, was, or were:

- (a) Ralph ----- a good writer.
- (b) You ----- a good writer.
- (c) The girls ----- going to school.
- (d) You ----- in the wrong street yesterday.

VII.

Write a verse each of two poems you have learned during the year.

VIII.

Make an alphabetic list of your class.

IX.

Give the plurals of goose, mouse, and foot.

X.

Write a letter to some one you know. Do not write less than 2 paragraphs. Each paragraph should have several sentences.

(p) ...
(e) ...

In these sentences:
But ...

J*

IVINGORGE

MAY 14 1917

FOURTH GRADE

DEPARTMENT OF EDUCATION
BUREAU OF INDIAN AFFAIRS
CARLISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Spelling May 14, 1917. Fourth Grade.

1.

- | | |
|-------------------|--------------------|
| 1. Arctic | 14. mountain |
| 2. Pennsylvania | 15. surprise |
| 3. North America | 16. always |
| 4. getting | 17. poetry |
| 5. because | 18. chairs |
| 6. receive | 19. ventilate |
| 7. children | 20. knives |
| 8. voyage | 21. needle |
| 9. trowel | 22. people |
| 10. starvation | 23. divide |
| 11. plantation | 24. multiply |
| 12. quartermaster | 25. potatoes |
| 13. resolve | 26. church |
| 27. quart | 39. hurricane |
| 28. frigid | 40. arithmetic |
| 29. warrior | 41. country |
| 30. sledge | 42. radish |
| 31. thermometer | 43. superintendent |
| 32. planter | 44. teacher |
| 33. military | 45. hammer |
| 34. opportunity | 46. pencil |
| 35. occupation | 47. subtract |
| 36. independence | 48. plain |
| 37. Oklahoma | 49. hygiene |
| 38. horizon | 50. valleys |

11.

Dictation:

I would be true, for there are those who trust me;
I would be pure, for there are those who care;
I would be strong, for there is much to suffer;
I would be brave, for there is much to dare.

I would be friend of all - the foe - the friendless;
I would be giving and forget the gift;
I would be humble, for I know my weakness;
I would look up, and laugh, and love, and lift.

Dare to be true; nothing can need a lie;
A fault which needs it most grows two thereby.
(50% for words in list)
(50% for dictation exercise)

MASSACHUSETTS DEPARTMENT OF
EDUCATION
DIVISION OF INDIAN AFFAIRS

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

History, Civics, Manners & Right Conduct.

Fourth Grade.

May 18, 1917.

I.

- (a) Who discovered America?
- (b) Tell about his first voyage.

II.

- (a) Who sent Columbus?
- (b) What did he take back with him?

III.

- (a) What two men were the first to sail around the world?
- (b) Tell what each of these men did: Raleigh, Marquette, Roger Williams, John Smith, William Penn.

IV.

- (a) Tell the story of the Acadians.
- (b) What poem was written about them?

V.

Tell four things Benjamin Franklin did.

VI.

- (a) Why did the pupils of this school go to Washington in March?
- (b) Write a current event you have learned.

VII.

Name three things the city government does for its people.

VIII.

- (a) Why does a city need a department of health?
- (b) Why does it need policemen?

IX.

What act of politeness is expected from a boy if he meets a girl on the walk, and what may he expect in return?

X.

Name three things that tell you a man or woman are good citizens.

DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
CARLISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Arithmetic

May 16, 1917.

Fourth Grade.

I.

Add:	$12\frac{3}{4}$	Subtract:	12	$13-1/3$	$17-1/2$
	$15\frac{1}{2}$		$10-5/8$	$11-2/5$	$12-1/7$
	$12-15/16$				
	<u>$2-7/8$</u>				

II.

Multiply: $7567-7/8 \times 58-5/7$
Divide: $3728-1/2 \div 66-2/3$

III.

(a) Find:	$1/10$ of 100	(b) Solve by cancellation:
	$3/4$ of 100	$2/3 \times 6/7 \times 14/15 \times 5/12$
	$4/5$ of 100	
	$1/3$ of 100	
	$7/10$ of 100	

IV.

Find the cost of 68 ounces of meat at 24¢ per pound.

V.

Find the perimeter of a rectangle $16-3/4$ inches long and $12-15/16$ inches wide.

VI.

Find the cost of 25 yards of wire at $3-1/2\text{¢}$ per foot.

VII.

I bought 9 yds. of cloth at 25¢ per yd. and a pair of gloves at $\$1.25$ and a pair of shoes at $\$3.75$. I handed the clerk a ten dollar bill, how much change should I receive?

VIII.

If a family uses one quart and a pint of milk each day, how many gallon will they use in a month of 30days?

IX.

What will be the cost of 9 lbs. of candy at $7-1/3\text{¢}$ per lb?

X.

I have 10 chickens. If I collect 5 eggs each day for 60 days, how many dozen eggs will I have? How much will they be worth at 25¢ per dozen?

W. J. ...
W. J. ...
W. J. ...
W. J. ...
W. J. ...

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Geography. May 17, 1917. Fourth Grade.

I.

What is the shape of the earth? Name the grand divisions of land.
Name five oceans.

II.

In what zones is North America? Tell what the climate is in each zone.

III.

- (a) Where is the Great Central plain?
- (b) What is the chief industry in this district?
- (c) Name five products.

IV.

What is the chief industry in New England? Why are the rivers of New England important?

V.

Tell over what waters a ship traveling from Duluth to New York would pass.

VI.

Name two things that Pennsylvania ranks first in. Tell which is the largest city in the U.S.

VII.

What is the second largest city in U.S.? Mention one thing for which it is noted.

VIII.

What section of the U.S. produces cotton? What is done with the cotton?

IX.

From what part of the country do we obtain rice, wheat and gold?

X.

Give one sentence about each one of these cities: New York, New Orleans, San Francisco, Birmingham, Philadelphia, Minneapolis, Buffalo, Boston, Chicago, Pittsburgh.

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division.

Physiology.

May 18, 1917.

Fourth Grade.

I.

- (a) Name three organs of digestion.
- (b) Name four causes for indigestion.

II.

How should food be kept from being spoiled?

III.

- (a) Tell how the teeth should be cared for.
- (b) Give two reasons for doing it.

IV.

- (a) What is a communicable disease?
- (b) Name two communicable diseases.

V.

- (a) Tell how communicable diseases spread.
- (b) Tell how we can keep them from spreading.

VI.

Why do we breathe? Why do we ventilate? Tell how to ventilate a room.

VII.

Write what one ought to do to care for the eyes, the ears, and the hands.

VIII.

- (a) Name two articles of food that are easy to digest.
- (b) Name two articles of food that are not easy to digest.

IX.

Tell how one should care for clothing.

X.

Why does a town need pure water and clean milk?

(a) Write a proper heading for your language paper.
(b) Write three orders of completion.

BRADDOCK
MAY 18 1917
THIRD GRADE
SCHOOL EXAMINATION FOR COMPLETION OF
PRIMARY DIVISION

CARLISLE INDIAN SCHOOL.
Final Examination for Completion of
Primary Division.

LANGUAGE May 14, 1917. Third Grade.

I.

Write a proper heading for your language paper.
Example:

Carlisle, Pa. April 21, 1917.
Third Grade.

Name of pupil
Language.

II.

Copy from board, observing margin, paragraphs, capitals, periods, and commas:

- (a) The name of our country is United States of North America.
- (b) Woodrow Wilson is the President of the United States.
- (c) Congress is the body of men who make the national laws.
- (d) Our national capital is at Washington, D. C.
- (e) Our country produces large quantities of grains and minerals.

III.

Dictate: (Questions and statements)

- (a) What did you see?
- (b) I saw a bird's nest.
- (c) What did you eat?
- (d) I ate an orange.
- (e) Where did you go?
- (f) I went to Carlisle.
- (g) Whom did you meet?
- (h) I met Mr. Blair.
- (i) Did you speak to him?
- (j) Yes, I said, "Good Morning."

IV.

Write the following list of words and the abbreviation of each opposite:

- | | |
|-----------|--------|
| January | pint |
| February | quart |
| March | gallon |
| August | peck |
| September | bushel |
| Mister | ounce |
| Missus | pound |
| Street | barrel |
| Doctor | inch |
| Captain | foot |

EDUCATIONAL DISTRICT
FIRST EXAMINATION FOR COMPLETION OF
CARLISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL

Final Examination for Completion of
Primary Division.

LANGUAGE

May 14, 1917.

Third Grade.

Y

Write a short letter to Mr. John Francis, Jr., Carlisle, Pa., and tell him:

- (a) What you are doing in school today.
- (b) In what grade you are.
- (c) That you expect to pass your grade.
- (d) Which study you like best.
- (e) What you intend to do after you leave Carlisle.

VI.

Change the following words so they will mean more than one:

- | | | | |
|------|--------|----------|--------|
| book | board | field | potato |
| farm | hat | bird | |
| name | pencil | sentence | |

VII.

Fill the blanks with one of the words at the end of each sentence:

- (a) John will ----- you after school (see, saw, seen)
- (b) John ----- to work at 7:30 this morning
(go, went, gone)
- (c) John ----- his dinner very slowly yesterday.
(eat, ate, eaten)
- (d) ----- up straight in you chair. (sit, set)
- (e) John ----- a glass of water. (drink, drank)

TRAVEL

MAY 14, 1917

JULY 1917

BRITISH DICTIONARY

BRITISH EXAMINATION FOR COMPLETION OF

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Primary Division.

Spelling

May 14, 1917.

Third Grade.

1.

- | | |
|--------------|-------------------|
| 1. fertile | 11. wheat |
| 2. lack | 12. ally |
| 3. census | 13. allies |
| 4. language | 14. neutral |
| 5. president | 15. company |
| 6. city | 16. democracy |
| 7. cities | 17. Columbia |
| 8. important | 18. United States |
| 9. carpenter | 19. victory |
| 10. wagon | 20. peace |
- (40%)

11.

Dictation:

- (a) To-day is ----, 1917.
- (b) The large boys' quarters are clean.
- (c) A small boy's hat was lost.
- (d) Mr. John Francis, Jr.
- (e) "But the right is more precious than peace."
President Wilson (40%)

PHONICS

Write long and short sound of:

- (a) a a e e i i o o u u
- (b) Use each in a word. (20%)

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Primary Division.

Geography, Health, and History.

Third Grade

May 15, 1917.

I.

- (a) What shape is the earth?
- (b) What two motions has the earth?

II.

- (a) Name three kinds of bodies of water.
- (b) What is the water used for?

III.

- (a) Name the four seasons.
- (b) In what season do we work with the corn, wheat, alfalfa?

IV .

- (a) Name the crops grown in your home community.
- (b) Name two ways of getting produce to market.

V.

Tell four things about George Washington.

VI.

Tell one thing each of these men did: Daniel Boone,
Eli Whitney, Robert Fulton, Lafayette.

VII.

Tell four things about Abraham Lincoln.

VIII.

- (a) Name four good foods for man.
- (b) Why do we eat?

IX.

For what two reasons should we wash ourselves often?

X.

If you should cut your finger badly, what should you do?

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division

Arithmetic

May 16, 1917.

Third Grade.

I.

Write from memory the sixth line of tables.

II.

Complete the following:

9x9	2 x 12
9 x 8	4 x 12
9 x 7	6 x 12
8 x 9	8 x 12
8 x 8	10 x 12
8 x 7	12 x 12
7 x 9	3 x 12
7 x 8	11 x 11
7 x 7	10 x 10
7 x 12	5 x 5

III.

(a) Write the Roman numeral opposite each corresponding Arabic:

1, 6, 11, 21, 51, 81, 83, 90, 96, 99

(b) Write opposite each Roman numeral the corresponding Arabic:

I., V., X., LV., LX., VI., XLV., LV., XLV., LXXV.

IV.

How many days in each of the following months: May, September, December, June, January?

V.

Write in figures: (a) Eight thousand nine hundred twenty-two.
(b) Five hundred thousand.
(c) Forty-four thousand three hundred three.
(d) Twenty dollars and eight cents.
(e) Three hundred nine dollars and five cents.

VI.

Tom bought a pair of baseball pants for \$1.75, a sweater for \$2.40, stockings for \$.25, shoes for \$2.50 and a cap for \$.25. How much did the outfit cost?

VII.

Helen had \$10.00. She spent \$7.98 for a coat. How much of her money did she have left?

VIII.

(a) Multiply: \$987.06 x 230
\$384.53 x 19

II*

ALICE FROM MEMOIR THE SIXTY LINE OF PARTS*

I*

ALICE FROM

MEMOIR THE SIXTY

LINE OF PARTS*

VIII. (continued)

(b) Divide: $\$9876.51 \div 7$

$\$032.08 \div 4$

IX.

Add:	\$16.46	27.34	35.44	17.45
	2.39	.05	10.10	12.99
	8.47	41.20	.16	58.80
	<u>9.26</u>	<u>13.98</u>	<u>46.89</u>	<u>18.34</u>

X.

How much more do you receive for 72 bbl. of apples when apples are selling for \$2.50 a barrel than when they are selling at \$2.25 a barrel?

VIII. (continued)

(b) Divide: $\$9876.51 \div 7$
 $6032.08 \div 4$

IX.

Add:	\$16.46	27.34	35.44	17.45
	2.39	.05	10.10	12.99
	8.47	41.20	.16	58.80
	<u>9.26</u>	<u>13.98</u>	<u>46.89</u>	<u>18.34</u>

X.

How much more do you receive for 72 bbl. of apples when apples are selling for \$2.50 a barrel than when they are selling at \$2.25 a barrel?

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Primary Division.

Civics, Manners, and Right Conduct.

Third Grade.

May 17, 1917.

I.

Why are rules necessary?

II.

What are laws?

III.

By whose consent are the laws in our country made?

IV.

What officers make us obey the laws?

V.

What do we call the body of men who make the laws of the
United States?

VI.

How old must a citizen be to vote?

VII.

What is an alien?

VIII.

Why do citizens pay taxes?

ᑕᑦᑎᑦᑎᑦ ᑎᑦᑎᑦ
ᑕᑦᑎᑦᑎᑦ ᑎᑦᑎᑦ ᑎᑦᑎᑦ ᑎᑦᑎᑦ

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Engineering

May 17, 1917

Fourth Year

I

If a commutator had become rough and pitted and was sparking badly how would you remedy it?

II

What is the purpose of (a) a circuit breaker, (b) fuses?

III

What is (a) field, (b) armature of a motor?

IV

Make a list of the equipment required for a small plumbing and steam fitting shop.

V

Draw a sketch and explain the action of a single-action steam engine and name all the parts with the exception of screws, studs, and bolts.

VI

Show by a sketch what is meant by back venting and crown venting.

VII

Of what is solder composed and what is it used for?

VIII

Explain and make sketch of the way to connect a boiler to a range.

IX

Make a sketch showing how you would make waste connections for a lavatory to wall and show height.

X

(a) How many lights are generally carried on one circuit in electric wiring?

(b) Name and show by sketches three different types of wiring.

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Engineering

May 16, 1917

Third Year

I

What are the following tools used for? (a) Pipe vise,
(b) pipe cutter, (c) soldering iron?

II

Explain what materials you would use to make a joint in
(a) sewer tile, (b) cast iron soil pipe.

III

What is the least fall that you would give to the foot for four
inch sewer tile? Also the least fall that you would give for
cast iron soil pipe inside the building?

IV

What are traps and why are they vented?

V

Explain what is meant by "roughing in."

VI

What is the purpose of a float in a flush tank?

VII

Why are (a) tile and cast iron pipes usually used for underground
work? (b) water pipes usually galvanized?

VIII

Name three different systems of heating buildings.

IX

Explain what is meant by a one pipe system in steam heating.

X

Where are radiators usually placed in a room and why?

(p) type of paper (c) soldering iron
What are the following tools used for? (a) type case

I

Engineering

May 18, 1917

1917 Year

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Engineering

May 18, 1917

Second Year

I

Name four different parts of a steam engine.

II

What kind of lubricating oil should be used in (a) steam cylinder,
(b) engine bearings?

III

State how you would start a steam engine.

IV

What is the purpose of the governor? Describe briefly its operation.

V

What kind of fuel is used in a gasoline engine and where is it
burned?

VI

Explain the four cycles of a four-cylinder gasoline engine.

VII

State the purpose of (a) carburetor, (b) spark plug,

VIII

Why are electric conductors usually covered with insulating
material?

IX

State fully how you would splice insulated wires.

X

Explain what is meant by (a) knob and tube work, (b) metal
conduit work.

(1) ... of ... in (a) ...

II

... of ...

I

Engineering

May 17, 1917

Second Year

Vocational Division
Final Examination for Completion of
Carlisle Indian School

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Engineering

May 17, 1917

First Year

I

How would you prevent rust on your tools?

II

What are the following used for: (a) valves, (b) stop cocks, (c) Unions?

III

What are (a) steam gauge, (b) safety valves?

IV

Name three types of steam boilers.

V

Why is it important to have sufficient water in a boiler before starting a fire?

VI

State fully how you would proceed to get up steam starting from the empty boiler.

VII

What is meant by "blowing down a boiler" and why is it done?

VIII

What causes scales and incrustation in boilers?

IX

What is meant by (a) cleaning fires, (b) banking fires?

X

State fully how you would put into service from one boiler to another under pressure.

How would you use a boiler in a house?

I

Engineering

MAY 15, 1917

Carlisle

ASSOCIATION OF DISTRICTS
FINAL EXAMINATION FOR COMPLETION OF
PREVOCATIONAL DIVISION
CARLISLE INDIAN SCHOOL

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Prevocational Division

Engineering

May 15, 1917

I

Name the essential parts and fittings that you would use for a low pressure steam heating boiler.

II

Explain the first thing that you would do before building a fire in a steam heating boiler; also how you would build a fire and how you would care for the ashes.

III

Name several uses which can be made of the gasoline engine on the farm.

IV

How would you repair a pipe which has been split by freezing?

V

Explain the operation of soldering.

VI

How do you make a joint in laying terra cotta sewer pipe?

VII

How would you repair a pump which had to be primed?

VIII

Name four pipe fittings.

II

you likewise speak regarding paper.

What are the essential parts and differences that you would use for a

I

PAINTING

MAY 16, 1917

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Painting

May 16, 1917

Third Year

I

How would you test the quality of white lead?

II

How would you distinguish the difference between good and poor varnish? Give the characteristics of each.

III

How much paint would it take to paint a rough board fence, two coats, length 100 ft. height 7ft.? (Both sides.)

IV

Describe how you would patch a crack in plaster, and give the materials that you would use.

V

(a) State how you would prepare a painted wall for papering.

(b) State how you would prepare a kalsomined wall for papering.

VI

What tinting colors would you use to make (a) tan? (b) gray?

VII

Give a formula for (a) priming, (b) second coat, (c) third coat.

VIII

What materials would you use on hand polished varnish work, starting from the bare oak wood?

IX

What materials would you use to make (a) fumed oak oil stain?

(b) mahogany oil stain?

X

How would you make a bucket of paste for wall-papering?

(b) How many lin.ft. in a single roll of paper?

(c) Name five tools commonly used in paper-hanging.

(P) MPRP PMO APTICJES SLE HOEF COMKONJA NEEQJ

(W) MPRP PMO KJWKEUFE SLE HOEF COMKONJA NEEQ JH POLNE BAJUQJ

LIII

ESINJUB

MAY 18, 1917

RECORD 1891

VOCATIONAL DIVISION
FINAL EXAMINATION FOR COMPLETION OF
COURSE IN PAINTING

CARLISLE INDIAN SCHOOL
Final Examination for Completion of
Vocational Division

Painting

May 17, 1917

First Year

I

What would make a complete kit of brushes for a house painter?

II

(a) How would you clean paint off of the woodwork in the interior of a house? (b) How would you clean paint off from the hands?

III

Describe the tools and materials that you would use to paint the exterior surface of a new house, and how would you go about it?

IV

How would you soften putty that has become hard?

V

What kind of oil would you use for exterior painting? Give reasons for your answer.

VI

What kind of paint would you use on (a) galvanized iron? (b) Tin?

VII

How would you prepare the surface of a plastered wall for kalsomining?

VIII

Would you size a wall for whitewash? Give reason for your answer.

IX

Describe a method of removing old paint.

X

Describe how you would varnish a yellow pine floor and give the kinds of materials that you would use,