

TUESDAY FORENOON
STATE OF NEW YORK

COMMISSIONERS GRADE EXAMINATIONS

based on the State elementary course of study

FIFTH, SIXTH AND SEVENTH GRADES

These questions have been prepared by a committee of school commissioners appointed for the purpose.

FIRST TERM

TUESDAY FORENOON, DECEMBER 20, 1910

DIRECTIONS

1 Allow no communication and no recess. Seat the pupils so as to avoid the temptation to secure or give aid. The questions must not be exhibited prematurely. Pupils must not be given any assistance whatever. No alteration, rejection or substitution of questions is permitted. Dishonesty in conducting the examinations will be sufficient ground for revoking a license to teach.

2 Pupils can not become entitled to term certificates of promotion without passing the examination in all the subjects prescribed for the respective grades. Teachers should promote, without certificates, pupils who fail to pass in one or more branches, if promotion can be made without detriment. First term standings must not be allowed toward second term certificates. The judgment and honesty of the teacher are tested in conducting the examination and in marking the answer papers.

3 Failure to send a copy of the report to the school commissioner within two weeks after the examination and to leave a copy in the school register will be regarded as a dereliction of duty on the part of the teacher. Blanks for report are in the register.

4 School commissioners may call in for review any and all answer papers rated by the teacher at a passing mark. When not called in, such papers must be kept on file in the school building for one year.

READING

The test in reading shall be on the ability of the pupil to read orally plain English prose equal in difficulty to the matter prescribed for the respective term. The selection shall be made by the teacher from matter with which the pupils are not familiar. In estimating the standing attained, regard shall be had to position, pronunciation, enunciation, fluency and expression.

The test may be given either Tuesday or Wednesday.

ARITHMETIC

NOTE.—All the operations except very simple ones must be indicated.

FIFTH GRADE

Answer any 10 questions.

- 1 a Change 33 ft to in.
b Change 80 pk to bu.
- 2 Write as decimals: five tenths; twenty-five thousandths; two and one hundred thirty-five thousandths.
- 3 Change each of the following to a common fraction: .25; .005; .7; .875; .96.
- 4 Multiply 5.125 by 1.29.
- 5 How many cubic inches are there in a bushel? How many cubic inches in a gallon?
- 6 Express in cents the value of each of the following fractional parts of one dollar: $\frac{3}{10}$, $\frac{1}{4}$, $\frac{7}{16}$, $\frac{1}{12}$.
- 7 What is the cost of paving a driveway 370 ft long and 13.5 ft wide at \$.25 a sq. ft?
- 8 The length of a field is 80 rd and its width is 30 rd; how many acres are there in the field?
- 9 A room is 20 ft long by 18 ft wide; find the cost of covering the floor with yard wide matting at \$.60 per yard.
- 10 A man sold 630 lb of wool at 21½ cents per lb; how much did he receive?
- 11 A farmer paid \$2205 for 36½ acres of land; how much did he pay per acre?
- 12 In one year a farmer's herd of seven cows produced milk as follows:

Cow no. 1	.....	4625	lb
" 2	.....	5337	"
" 3	.....	4125	"
" 4	.....	6878	"
" 5	.....	5987	"
" 6	.....	4651	"
" 7	.....	6724	"

What was the total amount of milk produced?

SIXTH GRADE

Answer any 10 questions.

- 1 Copy and add the following: 7894; 421; 6923; 1009; 24; 9788.
[No credit is to be given unless the answer is absolutely correct.]
- 2 Define three of the following: percentage, fraction, quotient, mixed number, base, numerator.
- 3 a What per cent of 45 is 9?
b Find 15% of \$4424.
- 4 Express each of the following decimals in per cent: .25; .33½; 1.25; .5; .375.
- 5 A man sold a horse for \$200 which was ¼ less than the horse cost him; what was the cost?
- 6 How many square rods are there in a field containing 16½ acres?
- 7 A farmer owning 350 sheep sold 20% of them. How many sheep did he sell? How many did he have left?
- 8 A certain number is ¾ of 96; what is the number?
- 9 Find the cost of digging a cellar 27 ft long, 15 ft wide and 9 ft deep at 18 cents per cubic yard.
- 10 A flock of 75 hens averages 120 eggs per hen for the year; what is the value of the eggs at 30 cents per dozen?
- 11 How many gallons of water will be contained in a tank 7 ft long, 5 ft 6 in. wide and 4 ft deep?

SEVENTH GRADE

Answer any 10 questions.

- 1 591744 ÷ 92 = ?
[No credit is to be given unless the answer is absolutely correct.]
- 2 a $17\frac{1}{2} - 12\frac{3}{4} = ?$
b $1\frac{3}{4} \times 5\frac{1}{2} \times 14 \times 6\frac{3}{4} \times 2\frac{1}{4} = ?$
- 3 Express each of the following decimally: 33½%, 6%, ¼%, 17½%, 16½%.
- 4 If 8 bushels of potatoes cost \$4.00, what will 20 bushels cost at the same rate? [Solve by proportion.]
- 5 A farmer raised 225 bu. of potatoes; he sold ⅔ of them to one merchant and ¼ of the remainder to another. How many bushels remained unsold?
- 6 How many yards of carpet 27 in. wide are required to cover a room 9 ft long by 13½ ft wide?
- 7 A bin 15 ft square is filled with oats to the depth of 4½ ft; how many bushels of oats are there in the bin?
- 8 Write a 60 day note for \$100, interest at 6%, with your teacher as payee and yourself as maker.
- 9 In what time will \$320 at 5% amount to \$360?
- 10 A boy deposits \$20 in a savings bank paying 4% interest credited semiannually; how much money will the boy have in the bank at the end of two years?
- 11 T. O. Coon bought of J. M. Clark 360 lb of wheat at 95 cents a bushel; he gave his check on the First National Bank of Weston in payment. Write the check.
- 12 Find the interest on \$8040 from Feb. 17, 1908 to May 13, 1910 at 6%.

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SPELLING

NOTE.—Pupils should be instructed that only proper names should begin with capitals. Definition of the word should be given by the teacher when necessary.

FIFTH GRADE

1 salt	18 dairy	35 sauce
2 farming	19 rabbit	36 wheat
3 cider	20 coffee	37 canal
4 worry	21 addition	38 deer
5 Delaware	22 saliva	39 dear
6 strait	23 adverb	40 lumber
7 message	24 square	41 Albany
8 harvest	25 George	42 forest
9 active	26 hound	43 market
10 New Jersey	27 Hudson	44 hunger
11 forty	28 doubt	45 extra
12 stream	29 chirp	46 hatch
13 oxen	30 woman	47 senate
14 child's	31 moist	48 coral
15 plow	32 crown	49 torch
16 Buffalo	33 chalk	50 season
17 olive	34 Syracuse	

SIXTH AND SEVENTH GRADES

1 second	16 social	31 model
2 decade	17 chickadee	32 pencil
3 grassy	18 February	33 travel
4 happy	19 gallon	34 certain
5 glance	20 dozen	35 squirrel
6 forever	21 bushel	36 purple
7 Arctic	22 account	37 Omaha
8 creature	23 solemn	38 choir
9 waves	24 Portugal	39 pansy
10 ocean	25 truant	40 bluebird
11 afraid	26 women's	41 salmon
12 England	27 sparrow	42 celery
13 product	28 talking	43 kitchen
14 cipher	29 sound	44 oyster
15 Liverpool	30 silent	45 pitcher

Dictate the following sentences and allow *two* credits for each italicized word:

46-48 Kind *hearts* are more than *coronets*.

49-50 *Sorrow* *depresses* the heart.