

8. Give the plural of : The phenomenon itself, this Frenchman, that Mussulman, sheaf, the index of this atlas, memorandum, formula, crisis ; the feminine of fox, sultan, czar, earl, administrator, duke, songster.

9. Write from dictation the passage and the ten words read out to you by the Supervisor.

Arithmetic.—For Junior National Scholarships. Time allowed : Two hours.

1. A certain sum of money was divided by 4,994 ; the quotient was £3 Os. 0 $\frac{3}{4}$ d., and the remainder was 2,298 farthings : what was the sum of money that was divided ?

2. What fraction is 1 cwt. 19 lb. 4 oz. of one ton ?

3. A man buys 103 acres 24 poles of land at £16 an acre ; he lays off 4 acres 14 poles for roads, and divides the rest into sections each measuring 1 $\frac{1}{4}$ roods, which he sells at £6 a section : what does he make on his bargain ?

4. One pound avoirdupois is equivalent to 7,000 grains troy ; a cubic foot of water weighs 1,000 ounces avoirdupois. If gold is 19.2 times as heavy as water, what is the weight in grains troy of a cubic inch of gold ?

5. It was high tide at Wellington at 11.58 p.m. on Sunday, the 29th November. If there are 12 hours 24 $\frac{1}{2}$ minutes between one high tide and the next high tide, find at what times it was high tide on the 9th November.

6. Find the rate of interest if in five months £328 16s. amounts to £337 7s. 3d.

7. Find the number of gallons of water which a tank 19 ft. 5 in. long, 11 ft. 4 in. wide, and 5 ft. 10 in. deep can hold if 100 gallons contain 27,727 cubic inches.

8. In a school excursion the total railway fares of all the children amount to £19 10s. Each senior scholar pays one shilling more than a junior scholar. There were 40 senior scholars and 240 junior scholars. What does each junior scholar pay ?

9. If by riding 7 $\frac{1}{2}$ miles an hour I finish a journey in 24 days, how long shall I take to go twice the distance if I ride 6 $\frac{3}{4}$ miles an hour ? [NOTE.—I ride the same number of hours each day.]

Geography.—For Junior National Scholarships. Time allowed : Two hours.

[Draw sketch-maps and diagrams wherever you can.]

1. State what is the action of rivers upon the land-surface, especially explaining the formation of deltas.

2. Give all the reasons you can why we should believe that the earth turns round once in about twenty-four hours. Mention, if you can, anything that you yourself have observed to prove this.

3. Describe the mountains, plains, and other surface features of Asia or of North America (only one of these), giving also a clear idea of the general slope or slopes of the land, and of the chief watersheds. You need not draw a map of the whole continent, but small sketch-maps may be employed to illustrate special points in your answer.

4. State what you know about land and sea breezes and their causes.

5. Compare New Zealand with some country that you think it resembles, and also with a country that you consider widely different from it. Show as clearly as you can what you believe the nature of the resemblance and of the difference to be.

6. State briefly and precisely where these places are, and why they are remarkable : Fremantle, Blenheim (Europe), "The Cape," Ben Nevis, Stromboli, Manchuria, Sutherland Falls, Lyons, Greymouth, Behring Sea.

7. Compare Great Britain and Ireland with France or the German Empire, especially with reference to trade and manufactures.

8. Trace through the various stages of its journey a letter sent from Wellington to Toronto.

General Paper.—For Junior National Scholarships. Time allowed : One hour and a half.

[Any six questions may be attempted, but not more than six.]

1. In what part of the sky is the new (crescent) moon seen ? In what direction is the outer curved edge of the crescent moon turned ? Explain your answers.

2. What products are formed in the burning of a candle ? Describe briefly experiments that prove the truth of your answer.

3. Explain how a parrot's foot differs from that of a common fowl.

4. Explain briefly, but clearly, how an eclipse of the moon is caused. Why is there not an eclipse of the moon every month ?

5. Describe the growth of an apple from the blossom to the ripe fruit, and state exactly all the parts you see if you cut an apple transversely (crosswise) through the middle.

6. Describe carefully one of the following : Thermometer, barometer, telescope, mariner's compass, rain-gauge.

7. How could you find the height of your school by measuring its shadow ?

8. If you were out in the bush with a schoolfellow and he broke his fore-arm, what would you do until you could bring him to a doctor ?

9. Explain the process of manufacture and the chief changes that take place during the manufacture of any one of the following : Butter, potato-starch, cheese, coal-gas.

10. You have a shilling, and want to send a telegram to a friend who lives near a post-office which has no telegraph : how would you send your telegram ? Write out a telegram that might be sent.

11. State the different steps in the election of a member of Parliament.

12. State briefly what you know about any five of the following persons or characters : Mr. Squeers, Hamlet, Galileo, Garibaldi, Ivanhoe, Shylock, Mahomet, Bismarck, Livingstone, Alexander the Great.