9. What principal will, at 5 per cent. simple interest, amount to \$1,280 in 5 years?

10. A mixture is made of 20 gallons of syrup worth 60 cents per gallon, 33 gallons worth 75 cents per gallon, and a certain quantity of water; a profit of 10 per cent. is made by selling the mixture at 65 cents per gallon; how much water was added?

11. Simplify

 $\frac{\frac{1}{2} + \frac{1}{3} + \frac{1}{4}}{\frac{1}{24} + \frac{1}{3\frac{1}{2}} + \frac{1}{41}}$

12. Extract the square root of .1 and also of .i.

ENGLISH HISTORY AND ESSAY.

Examinees... (Chas. E. Moyse, B.A. P. T. Lafletr, M.A.

- L. The Roman occupation of Britain:
 - (a) Briefly notice traces which still exist.
- (b) When did the Romans leave Britain? why? Why had the Britons to seek another ally? What ally did they find, and what was the consequence?
- 2. At various times in the course of our history, the Church has opposed the Crown; omitting reference to Becket, give instances, and say as precisely as you can on what question the disagreement arose.
 - 3. The Norman, Tudor and Stuart lines.
 - (a) Name the first and last sovereigns of each line.
- (b) Mention a conspicuous person in the reign of the sovereign you have named, and say precisely why he is so.
- 4. Show fully the genealogical connection between (a) the Tudor and Stuart (b) the Stuart and Hanoverian lines.
- 5. (a) Without giving any details of the struggle between them, specify broad distinctions between the Puritans and Cavaliers.
 - (b) Show from history that the two parties existed in Scotland.
- Without reference to the Sp.nish Armada, show that Elizabeth in the latter half of her reign was regarded by Europe as the champion of Protestantism.
 - 7. (a) The Exclusion Bill: To whom did this refer, and why?
 - (b) On what ground did John Hampden refuse to pay ship-money?
- (c) How does it come to pass that Scotland has a national church of her own f
- (b) State precisely why the British colonies in America revolted, and when the outbreak began.
- 8. Take the following leaders of invasions and risings, namely, Henry Bolingbroke (Hereford), Wat Tyler, William of Orange, Sir Thos, Wyatt, and say:
 - (a) To whose reigns they belong.
 - (b) The pretext advanced by each.
 - (c) The result of the struggle.