

English.—For Senior Civil Service. Time allowed: 3 hours.

PAPER No. 2.—LITERATURE.

1. "The moral qualities of Bacon were not of a high order." Mention the chief incidents in Bacon's life that go to prove this assertion of Macaulay's.
2. "Two words form the key of the Baconian doctrine, Utility and Progress." Explain this statement as fully as you can.
3. Describe the character and style of the writings of Horace Walpole.
4. Give some account of the characters of Sir Robert Walpole and Lord Carteret.
5. Give a brief account of the plot of "Hamlet," quoting, if you can, two or three of the passages that you consider most remarkable.
6. Explain the following passages, stating by whom and on what occasion each was uttered:—
 - (a.) Some say that ever 'gainst that season comes
Wherein our Saviour's birth is celebrated
The bird of dawning singeth all night long.
 - (b.) I could a tale unfold whose lightest word
Would harrow up thy soul.
 - (c.) He seem'd to find his way without his eyes.
 - (d.) What's Hecuba to him, or he to Hecuba,
That he should weep for her?
 - (e.) O, my offence is rank, it smells to heaven.
 - (f.) For 'tis the sport to have the enginer
Hoist with his own petar.
 - (g.) Your worm is your only emperor for diet.
 - (h.) There's rosemary, that's for remembrance.
 - (i.) Why may not imagination trace the noble dust of Alexander, till he find it stopping
a bung-hole?
 - (j.) This lapwing runs away with the shell on his head.
7. Write notes on the following expressions: Sledged Polacks; tickle o' the sere; the altitude of a chopine; caviare to the general; bisson rheum; I know a hawk from a handsaw; miching mallecho; the mutines in the bilboes; the brooch indeed and gem of all the nation; this quarry cries on havoc.
8. Mention the chief poets whose works appeared between 1625 and 1688, and give a brief account of their works.
9. Name the authors of the following works, and give such an account of any two of them as to show that you have read them: "Areopagitica," "Hudibras," "Pilgrim's Progress," "Religio Medici," "Compleat Angler," "Comus," "Absalom and Achitophel," "Holy Living," "Histriomastix," "Eikon Basilike," "Holy and Profane State," "The Purple Island."

Arithmetic.—For Class D. Time allowed: 3 hours.

1. Find the value of $\frac{1}{117} + \left\{ \frac{1}{5} - \frac{1}{3 \times 5^3} + \frac{1}{5 \times 5^5} - \frac{1}{7 \times 5^7} + \dots \right\}$ to five places of decimals.
2. What is the weight (avoirdupois) of £1,000,000 in gold if each sovereign weighs 123 grains? [7,000 grains = 1 lb. avoirdupois.]
3. If some tobacco be bought at 6s. per pound avoirdupois and retailed at 6d. per ounce troy, and if some be bought at 6s. per pound troy and retailed at 6d. per ounce avoirdupois, what is the profit or loss in each case?
4. Find the square root of $\frac{1}{3}$ to four places of decimals, and the cube root of $\frac{300763}{1367631}$.
5. Find the cost of 127 tons 13 cwt. 3 qr. 14 lb. at £6 15s. 6d. a ton.
6. If 320 horses consume a stack of hay 40 ft. long, $11\frac{1}{4}$ ft. broad, and $31\frac{1}{2}$ ft. high in nine days, for how many days will a stack 15 yd. long, $1\frac{3}{4}$ yd. broad, and $4\frac{3}{4}$ yd. high supply 20 horses?
7. Divide £5 among A, B, C in the ratio of $\frac{1}{3}$, $\frac{3}{5}$, $\frac{1}{13}$.
8. A person has invested £1,014 in the $3\frac{1}{2}$ -per-cent at 78, and, after receiving a year's dividends, sells out at 83 and invests the proceeds of the sale, together with the dividends received, at simple interest at 4 per cent.: what will be the amount at the end of two years and a half?
9. Find the difference between banker's and true discount on a bill of £250 due in two years and a half at 3 per cent.
10. What sum will amount to £12,155 1s. 3d. in four years at 5 per cent. compound interest?
11. Find at what time between three and four o'clock the minute-hand of a clock is thirty minutes in advance of the hour-hand.
12. A cistern has three pipes, A, B, and C; A and B can fill it in four and three hours respectively, and C can empty it in eighty minutes: if the cistern be empty, and if the pipes be opened in order at one, two, and three o'clock, when will the cistern be empty again?

Arithmetic.—For Class E, and for Junior Civil Service. Time allowed: 3 hours.

1. How do you find the L.C.M. of three or more numbers whose prime factors are not evident? Explain the principle of the method.
- Two men are walking together. One man covers 30 in. at every step, and the other 27 in. They are now in step: how far will they require to walk before coming into step again?