

C.

REVENUE AND EXPENDITURE

1875.

## REVENUE

	£	s.	d.	£	s.	d.
<b>CUSTOMS—</b>						
Imports ... ..	100,665	4	0			
Tonnage Dues ... ..	6,962	5	9			
Store-rent ... ..	1,869	11	4			
Sale of goods seized in contraband ... ..	—	—	—	100,497	1	1
<b>QUARANTINE DUES—</b>						
Shipping ... ..	34	11	6			
Susceptible goods ... ..	—	—	—			
Cattle ... ..	498	1	0			
Passengers performing quarantine ... ..	2	2	6	534	15	0
<b>LAND SALES—</b>						
Waste ground ... ..	63	16	1			
Quit-rents and assignments redeemed ... ..	32	4	0			
Sales of lands in exchanges &c. ... ..	904	10	0	1,000	10	1
<b>LAND REVENUE—</b>						
Rent of lands, tenures, and tenements ... ..	13,559	1	1½			
Fixed annuities <i>i. e.</i> quit-rents and interest of mortgages ... ..	1,468	8	11½	15,027	10	1
<b>RENTS exclusive of Lands—</b>						
Houses and other buildings ... ..	21,447	3	5			
Dues for water supplied by the aqueduct ... ..	123	14	3½	21,570	17	8½
<b>LICENSES—</b>						
Wines and spirits ... ..	2,476	5	0			
Billiard tables ... ..	27	10	0			
Sporting ... ..	393	0	0			
Auctioneers ... ..	18	0	0	2,914	15	0
<b>POSTAGES—</b>						
Ship-letters inwards ... ..	9	1	11			
Local stamps ... ..	113	4	6	122	6	5
<b>FINES, FORFEITURES, AND FEES OF COURT.</b>						
Court of Appeal ... ..	530	8	4			
Commercial Court ... ..	855	11	8			
Civil Court, 1st Hall ... ..	1,833	11	5			
Ditto 2nd Hall ... ..	229	13	5			
Criminal Court ... ..	2	7	1			
Judicial Police Courts ... ..	1,146	18	8½			
Syndicates ... ..	450	17	9½			
Court of Gozo ... ..	266	11	9			
Police Fines &c. ... ..	224	5	11½			
Other Fines ... ..	—	—	—	5,540	6	1½
<b>FEES OF OFFICE—</b>						
Public Registry ... ..	620	17	4			
Chief Secretary's Office ... ..	141	15	2			
Customs Department ... ..	42	0	0			
Port Department ... ..	172	3	0			
Land Revenue Department ... ..	0	1	0			
Academical degrees ... ..	5	0	0			
Charitable Institutions ... ..	2	3	4			
Police Department ... ..	2	7	9	986	7	7
Carried forward ... ..				157,194	9	1½

EXPENDITURE OF 1875.  
Treasury Instructions of 1847.

EXPENDITURE.					£	s.	d.						
DETAIL OF ESTABLISHMENTS, HEAD No. 1 IN ESTIMATE.													
EXPENSE OF THE DEPARTMENTS OF GOVERNMENT.													
Establishments	Salaries		Allowances	Office Contingencies Petty expenses and bookbinding (a)									
	Fixed	Provisional and Temporary			£	s.	d.						
	£	s.	d.	£	s.	d.	£	s.	d.				
<b>CIVIL —</b>													
The Governor ... ..	4,977	0	0	705	7	0	8	17	5,691	4	8		
Chief Secretary ... ..	2,146	0	0	—	—	—	115	12	2,261	12	1		
Cashier ... ..	816	0	0	60	0	0	25	19	901	19	9		
Auditor General ... ..	936	0	0	122	16	6	22	19	1,081	15	7		
Government Printing Office ... ..	585	0	0	259	19	3	40	0	937	12	4		
Post Office ... ..	80	0	0	124	0	0	2	14	206	14	6		
Customs Department ... ..	2,425	7	3	697	12	6	63	14	3,186	14	0		
Port Department ... ..	2,148	6	6	424	12	9	60	4	2,654	15	7		
Land Revenue and Public Works ... ..	3,163	19	11	208	4	0	149	4	3,572	8	7		
Charitable Institutions... ..	5,707	14	2	676	1	8	120	0	6,533	7	2		
Public Registry... ..	784	16	8	—	—	—	53	0	837	16	8		
<b>JUDICIAL —</b>													
Judges ... ..	3,100	0	0	—	—	—	—	—	3,100	0	0		
Superior Civil Courts ... ..	3,054	4	9	880	12	9	79	6	4,014	4	2		
Criminal Court ... ..	264	0	9	—	—	—	11	4	306	17	2		
Crown Lawyers... ..	680	0	0	50	0	0	75	0	805	0	0		
Courts of Judicial Police ... ..	1,904	7	5	100	0	0	30	2	2,034	10	0		
Syndics of Country Districts ... ..	1,152	10	7	199	0	5	188	9	1,540	0	9		
Court of Gozo ... ..	983	9	1	20	0	0	6	16	1,010	5	8		
<b>ECCLESIASTICAL ... ..</b>	<b>714</b>	<b>5</b>	<b>0</b>	<b>420</b>	<b>0</b>	<b>0</b>	<b>85</b>	<b>0</b>	<b>1,219</b>	<b>5</b>	<b>0</b>		
<b>EDUCATIONAL —</b>													
University and Lyceums ... ..	3,630	0	0	241	0	0	19	19	3,890	19	10		
Primary Schools ... ..	3,898	6	8	756	6	9	389	5	5,073	19	4		
Public Libraries ... ..	243	0	0	20	0	0	10	0	309	16	5		
<b>POLICE —</b>													
Police including Prisons in Valletta and Gozo	16,574	17	3	294	5	3	372	12	17,279	12	11		
Corradino Prison ... ..	965	0	0	100	0	0	68	0	1,135	18	10		
<b>MONTE DI PIETÀ... ..</b>	<b>1,393</b>	<b>15</b>	<b>0</b>	<b>39</b>	<b>2</b>	<b>0</b>	<b>29</b>	<b>14</b>	<b>1,462</b>	<b>11</b>	<b>1</b>		
<b>CROWN AGENTS for the COLONIES ... ..</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>62</b>	<b>10</b>	<b>262</b>	<b>10</b>	<b>0</b>		
Total Petty expenses and bookbinding	—	—	—	—	—	—	1,091	17	5				
Stationery ... ..	—	—	—	—	—	—	746	7	746	7	3		
<b>Total Establishments</b>	<b>62,528</b>	<b>1</b>	<b>0</b>	<b>5,693</b>	<b>13</b>	<b>10</b>	<b>1,997</b>	<b>19</b>	<b>10</b>	<b>1,838</b>	<b>4</b>	<b>8</b>	
Carried forward ... ..										£	72,057	19	4

(a) The cost of Stationery issued to the Departments has been entered as a separate item at the foot of this Statement.

## REVENUE—continued.

	£	s.	d.	£	s.	d.
Brought forward ... ..	...	...	...	157,194	9	1½
<b>SALE OF GOVERNMENT PROPERTY—</b>						
Unserviceable stores and other effects &c. ... ..	185	10	4			
Sweepings and rubbish ... ..	26	3	5½			
Sale of houses ... ..	—	—	—			
Grave-sites, Addolorata Cemetery ... ..	201	4	0	412	17	9½
<b>REIMBURSEMENTS IN AID OF EXPENSES—</b>						
Treatment in hospitals, maintenance of distressed persons, and midwifery students ... ..	830	11	2			
Government Printing Office, including Gazette ... ..	99	8	7			
Fees by students and scholars of University and Lyceums ... ..	276	6	0			
Sale of "account books" from the Savings' Bank ... ..	5	10	9			
Proceeds of work done in the Charitable Institutions, and coffins ... ..	5	10	0			
Prison receipts for Corradino Prison ... ..	95	10	8			
Prison receipt for work done in Corradino Prison ... ..	46	19	10			
Sale of medicines ... ..	35	16	6½			
Various services ... ..	3,072	6	2½	4,467	19	9½
<b>MISCELLANEOUS RECEIPTS—</b>						
Penalties of breaches of contracts ... ..	85	8	3			
Under the seal of Confession ... ..	0	1	6			
Sundries—Local ... ..	15	16	2½	101	5	11½
<b>INTEREST—</b>						
On money lent on pledges by Monte di Pietà ... ..	1,964	16	9½			
Dividends on Stock in Consols ... ..	5,377	14	1	7,342	10	10½
<b>SPECIAL RECEIPTS—</b>						
Rent of property of Monte di Pietà and Pious Foundations ... ..	3,448	19	2½	3,448	19	2½
Total REVENUE ... ..				172,968	2	8½

## EXPENDITURE or 1875—continued.

Treasury Instructions of 1847.

## EXPENDITURE—continued.

No. in Estimates		£	s.	d.	£	s.	d.
1.	ESTABLISHMENTS ... .. Brought forward ... ..				72,057	19	4
SERVICES EXCLUSIVE OF ESTABLISHMENTS.							
2.	PENSIONS, RETIRED ALLOWANCES, and GRATUITIES ... ..	9,901	3	1			
3.	REVENUE SERVICES, exclusive of Establishments ... ..	1,011	7	8			
4.	ADMINISTRATION of JUSTICE, ditto ... ..	2,068	5	6			
5.	ECCLESIASTICAL, ... .. ditto ... ..	505	3	7			
6.	CHARITABLE ALLOWANCES ... ..	4,048	9	6			
7.	EDUCATION, exclusive of Establishments ... ..	962	2	7			
8.	HOSPITALS, ... .. ditto ... ..	16,789	7	9			
9.	POLICE and GAOLS ... .. ditto ... ..	4,106	4	4			
10.	RENT ... ..	608	3	4			
11.	TRANSPORT ... ..	765	9	4			
12.	CONVEYANCE of MAILS ... ..	310	12	2			
13.	WORKS and BUILDINGS ... ..	10,619	12	4			
14.	ROADS, STREETS, and BRIDGES ... ..	14,941	5	8			
15.	MISCELLANEOUS SERVICES ... ..	1,113	16	9			
16.	INTEREST ... ..	4,748	6	7			
17.	CONTRIBUTION towards MILITARY EXPENDITURE ... ..	3,750	0	0			
	R. M. F. A. pensions ... ..	483	15	3			
	Coast Guard service ... ..	759	14	7			
		4,993	9	10			
18.	BURTHENS on PROPERTY ... ..	1,723	1	5			
19.	DRAWBACKS and REFUND of DUTIES ... ..	3,821	5	11			
20.	COUNCIL of GOVERNMENT of MALTA ... ..	129	16	8			
21.	SPECIAL SERVICES under control of the Secretary of State						
	Secret service money ... ..	19	10	6			
	Walls at Boschetto Lands... ..	43	11	2			
	Sewage pipes ... ..	148	4	1			
	Saving a life ... ..	8	0	0			
	Attendance at Inquiry ... ..	3	0	0			
	Trial of 3 Maltese at Tunis ... ..	72	8	0			
	To a Boatman for loss of finger whilst in service ... ..	10	0	0			
	Sanitary Expenses ... ..	51	5	5			
	Passage of 3 Slave girls to Constantinople ... ..	11	2	0			
		367	1	2			
	Total SERVICES exclusive of Establishments ... ..	83,534	5	2			
	Total EXPENDITURE ... ..	155,592	4	6			

EXPERIMENTAL PHYSICS  
PART I

The purpose of this experiment is to determine the acceleration due to gravity (g) by measuring the time taken for a body to fall a certain distance. The experiment is performed by dropping a body from a height and measuring the time it takes to reach the ground. The acceleration due to gravity is assumed to be constant and is denoted by g. The distance fallen (s) is related to the time (t) by the equation:

$$s = \frac{1}{2}gt^2$$

where s is the distance fallen, g is the acceleration due to gravity, and t is the time taken for the body to fall. The experiment is performed by dropping a body from a height and measuring the time it takes to reach the ground. The acceleration due to gravity is assumed to be constant and is denoted by g. The distance fallen (s) is related to the time (t) by the equation:

COMPARATIVE METHOD OF MEASUREMENT OF ACCELERATION DUE TO GRAVITY

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