

Letts's  
No. 31  
COLONIAL  
ROUGH DIARY

WITH A WEEK IN AN OPENING,

FOR

1892.

*(Bissextile or Leap Year.)*



Price 1s. 6d., or with Blotting, 2s. 6d.

Interleaved Blotting with Cloth Boards, 4s. 6d.

An Edition giving more space (No. 42) is published at 3s.; Cloth Interleaved Blotting, 5s.



PUBLISHED FOR

Letts's Diaries Company, Limited,

BY

HAZELL & COMPANY, Limited, London, Paris & Melbourne.

FURNISH THROUGHOUT (REGD.)  
**OETZMANN & CO.,**

67, 69, 71, 73, 75, 77 & 79,  
**HAMPSTEAD ROAD**  
 (Near Tottenham Court Road and Gower Street Station, LONDON).

**CARPETS, FURNITURE,  
 BEDDING, DRAPERY,  
 FURNISHING IRONMONGERY,  
 CHINA, GLASS, &c.**

Orders per post receive prompt and careful attention.

ILLUSTRATED CATALOGUE, the best Furnishing Guide Extant, contains "How I Furnished My House for £120," and other articles on Artistic Furnishing, reprinted from "The Lady," together with detailed information and prices of every item required in complete house furnishing. Over 2,000 illustrations. **POST FREE ON APPLICATION.**

**FURNITURE FOR EXPORT TO SUIT ALL CLIMATES.**

Foreign and Colonial orders receive prompt and careful attention.

Registered Cable Address: "OETZMANN, LONDON." A.B.C. Code used.



Very Superior Library, Smoking or Dining-Room Chair.

Stuffed hair and upholstered in best Leather. £3 3 0.

Ditto, ditto, in Morocco. £4 0 0.

**NATIONAL** The next division of Profits will be made on the 20th NOVEMBER, 1892, and all policies issued previously will participate, according to the time they have been in force since the last division.

FOR MUTUAL  
 LIFE ASSURANCE.

**PROVIDENT**

ESTD. 1835.

ACCUMULATED FUND - - - £4,500,000  
 PAID IN CLAIMS - - - 8,000,000  
 ANNUAL INCOME - - - 500,000  
 PROFITS DECLARED - - - 4,000,000

**INSTITUTION**

48, GRACECHURCH STREET, LONDON.

ARTHUR SMITHER, Actuary and Secretary.



**FREEMAN'S CHLORODYNE.**

The Original and only True.



DISCOVERED and invented by Richard Freeman in 1844. Introduced into India in 1850, and subsequently into the Australasian Colonies, Egypt, China, and every other part of the HABITABLE GLOBE.

In the following diseases, no matter in what part of the world they are found, FREEMAN'S CHLORODYNE is a special and specific remedy: diarrhoea, acute dysentery (both acute and chronic), ardent, dengue and all other kinds of fever, cramp, colic, gout, neuralgia, rheumatism, wind-stroke, sore throat, influenza, whooping cough, bronchitis, asthma, epilepsy, hysteria, spasms, sun-stroke, convulsions, sciatica, lumbago, cholera, and yellow fever.

Freeman's Chlorodyne allays the irritation of fever, soothes and strengthens the system under exhaustive diseases, restores the deranged functions, stimulates healthy action of the secretions of the body, gives quiet and refreshing sleep, and marvellously prolongs life. It may be taken by old and young, at all hours and times, according to the directions.

The great characteristic of FREEMAN'S CHLORODYNE is its marvellous power to assuage PAIN of every kind, which no other preparation sold under a similar name possesses in anything like the same degree, has attracted the attention of sufferers in all parts of the world.

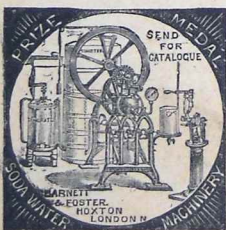
One of the most marked symptoms of CANCER is the PAIN—pain of a most severe, intermitting, neuralgic sort, gradually increasing in severity, felt in the tumour itself as a sharp, stabbing or burning sensation. Freeman's Original Chlorodyne is now acknowledged to surpass all other known remedies in allaying the pain of cancer. Mr. Freeman's Pamphlet on the treatment and cure of cancer will be forwarded post free.

Manufactured by the Sole Inventor, RICHARD FREEMAN, Pharmacist, 70, Kennington Park Road, London, S.E.

Sold by Chemists and Patent Medicine Dealers in all parts of the world, in bottles, 1s. 1ld.; 2-oz., 2s. 9d.; 4-oz., 4s. 6d.; half-pints, 11s.; and pints, 20s. each.

N.B.—Lord Chancellor Selborne, Lord Justice James, and Lord Justice Melish, decided in favour of FREEMAN'S ORIGINAL CHLORODYNE, and against Brown and Davenport, compelling them to pay all costs in the suits. — See Times of July 24th, 1873.

**SODA WATER MACHINERY.**



Those contemplating the Manufacture of Mineral Waters as a business, should send for the Illustrated Catalogue showing the various Machines required, and giving all information. It is forwarded free.

As the result of latest improvements, our Machinery effects a saving of quite 50 per cent. in cost of Labour and Material.

Highest Awards at all important Exhibitions since 1851.



THE NIAGARA BOTTLE OR IMPROVED CODD'S

SEND FOR SAMPLE AND COMPARE.

Prices on Application.



THE "LONDON MADE" SYPHON BOTTLE. (Title Registered.)

It is the Cheapest, Strongest, Handsomest, and Best in the World.

PURE BLOCK TIN TOPS. Price 1s. 6d. each.

Nickel-Plating Taps from 2d. each.  
 Silver-Plating Taps from 4d. each.

**BARNETT & FOSTER,**  
 "NIAGARA WORKS,"  
 25j, EAGLE WHARF ROAD, LONDON, N.



**ALL WHO SUFFER FROM**  
Rheumatism, Gout, Lumbago, Sciatica, Indigestion, Nervous  
Exhaustion, Sleeplessness, Neuralgia, Debility, Internal Weak-  
ness, and all Nervous, Muscular and Organic Disorders, should  
wear one of

**HARNESSES'  
ELECTROPATHIC BELTS**



**PAMPHLETS FREE.**

**CONSULTATION FREE.**

These genuine Electric Belts are light and comfortable to wear. They restore nerve force, improve the figure, assist digestion, prevent chills, and keep the body in a healthy and vigorous condition. Mr. C. B. Harness, the President of the Institute, and the Officers of the Company may be consulted, free of charge, on all matters relating to Health and the application of Curative Electricity. Copies of the Thousands of Testimonials which we have received may be had on application to

The ELECTROPATHIC & ZANDER INSTITUTE.

**THE MEDICAL  
BATTERY CO.  
LIMITED.**

**52, OXFORD ST., LONDON, W.**

**NOTE ONLY  
ADDRESS.**

The Largest Electro-Medical Institute in the World.

**FORD'S GOLD MEDAL 428 MILL  
ABSORBENT BLOTTINGS.**

ESTABLISHED 1800.

**GOLD MEDAL.**—New Zealand International Exhibition, 1882.  
**HIGHEST HONOURS, FIRST ORDER OF MERIT.**—Adelaide International Exhibition, 1887. Also a similar Award, Melbourne Centennial Exhibition, 1888.

Manufacture of Slade's Original Hand-made Blotting, for which a **PRIZE MEDAL** was awarded at the **PARIS UNIVERSAL EXHIBITION, 1889.**

**BEST QUALITY ONLY MANUFACTURED.**

Usual Stock Weights and Varieties in Demy—

- 1. White..... 15lbs., 16lbs., 17lbs., 19lbs., 23lbs., 27lbs.,
- 2. Pink..... 29lbs., 32lb., 34lbs., 38lbs., 48lbs., 60lbs.,
- 3. Deep Pink ) 80lbs., 100lbs.
- 4. Buff .....
- 5. Blue .....
- 6. Mauve .....
- 7. Antique Mauve ) 29lbs., 38lbs.

Other weights and sizes made to order.

Well-known qualities, absorbent, soft velvety finish, for which it is noted, durability, not soon fraying in pieces, and uniformity of make. Stood the test of climate, therefore well adapted for EXPORTATION, confirmed by the Medals after Sea Voyages. Treasury thickness, 80lbs. demy, as supplied to Her Majesty's Stationery Office, OUR UNIVERSITIES. A Stock of over 50 varieties kept, which affords prompt execution of orders. Mills employed solely on Blottings. Prize Medal Labels on the Ream and a water mark in each sheet—"FORD 428 MILL."

T. B. FORD, Snakeley Mill, Loudwater, High Wycombe.



**LADY VICTORIA HOWARD**

Says—"Thompson's Comfort for the Feet, without exception, the very best Plaster I have ever used."

Corns and Bunions may be removed and Enlarged Toe Joints reduced by using Thompson's New French Corn Plaster. Those who are troubled with the discomfort of Corns, &c., will be glad to have attention called to this remedy.

"It is a simple Plaster, thin as silk, and comfortable to the foot, since using this Plaster I can walk almost any distance."—LADY MAUDE.

THOUSANDS OF TESTIMONIALS.

Packets L. 1/4d. each, post free 1/4 stamps,  
FROM SOLE PROPRIETOR.

**M. F. THOMPSON, CHEMIST,  
17, GORDON STREET, GLASGOW.**

**97, PRINCES STREET, EDINBURGH.**

Ask for THOMPSON'S PLASTER, and take no substitute.

**THE STANDARD  
LIFE ASSURANCE COMPANY.—ESTD. 1825.**

Annual Revenue ... £990,000. Accumulated Funds, £7,480,000.  
Subsisting Assurances, £21,500,000. Claims Paid ... £14,000,000.

**PROFITS DIVIDED EVERY FIVE YEARS.**

Bonus Additions already Distributed, £5,500,000.

PERSONS intending to Assure their lives are requested to peruse, in the Company's Prospectus, the liberal conditions on which Policies are granted—all unnecessary conditions and restrictions being absolutely withdrawn.

THE RATES ARE AS LOW as is consistent with the primary qualification of perfect safety, the Bonus on With-Profit Policies being allocated from the commencement.

AMONG THE ADVANTAGES OF THE STANDARD POLICY ARE—

Moderate Premiums; Free Whole-World Residence; Revival on very favorable terms;  
Indisputability after Two Years duration, if age has been proved; Undoubted Security;  
and Payment of Claim, on proof of death and title.

**LONDON:** 83, KING WILLIAM STREET, E.C.  
Do. 3, PALL MALL EAST, S.W.  
**MANCHESTER:** 61, KING STREET.  
**LIVERPOOL:** 29, WATER STREET.

**DUBLIN:** 66, UPPER SACKVILLE STREET.  
**BELFAST:** 18, WARING STREET.  
**BIRMINGHAM:** 41, COLMORE ROW.  
**NEWCASTLE:** NEVILLE STREET.

**GLASGOW:** 92, GORDON STREET.  
**BRISTOL:** 7, ST. STEPHEN STREET.  
**LEEDS:** 14, PARK LANE.  
**WAKEFIELD:** EXCHANGE BUILDINGS.

BRANCH OFFICES AND AGENCIES IN INDIA AND THE BRITISH COLONIES.

MONTREAL  
CALCUTTA

BOMBAY  
SHANGHAI

CAPE TOWN  
WEST INDIES.

Head Office, 3, & 5, GEORGE STREET, EDINBURGH.

Established  
by Special  
Acts of the  
Colonial  
Parliaments,



and Regulated  
by the  
Respective  
Governments.

"The Fruit Garden of the Universe."

Englishmen, Scotchmen, &c., of all classes (small and large capitalists) are now generously co-operating and are further invited to join in the development of the Australian Irrigation Colonies (in Victoria and South Australia) by establishing vineyards and fruit farms for the supply of wine and fruits to the markets of Great Britain and the Colonies. The progress made has been extraordinary. Mr. D. Christie Murray, the well-known author, &c., who has lately visited these Colonies, writes:—"In a few years' time the district will be the garden of the world." Pamphlets, &c. (free), from the London offices of the AUSTRALIAN IRRIGATION COLONIES, 35, QUEEN VICTORIA STREET, E.C.

PATRONISED BY ROYALTY.  
2/6 each. **5,000**  
"PARKER" SILK UMBRELLAS  
UMBRELLA, REGISTERED. 2/6 EACH.

**PARKER** REGISTERED TRADE MARK.  
Direct from the Manufacturer. Ladies' and Gents' Plain or Twill Silk, Patent Hollow Ribbed Frames, beautifully Carved and Mounted Sticks, sent Parcels Post free, 2s. 9d. (or 36 stamps).  
**OVER 20,000 SOLD IN 12 MONTHS.**  
List and Testimonials free.  
**RE-COVERING, &c., NEATLY DONE.**  
Address:—J. B. PARKER, UMBRELLA WORKS, BROOM CLOSE, SHEFFIELD.

Delivered to any Address by Post for 36 Stamps.  
Special Terms to Shippers for large quantities.

**FIELD'S INKS** BLACK & COLORED,  
ARE  
NON-CORROSIVE,  
AND  
Never Thicken or Mould in any Climate.



**SECOND TO NONE.**  
**THE 'SCORER' FIELD OR MARINE GLASS**  
AS REPRESENTED BY ENGRAVING,  
**IS UNRIVALLED IN VALUE.**  
Price in patent leather case, with shoulder strap, 35/-; best dull leather case, suitable for any climate, 40/-  
Post free to India, China, Australia, New Zealand and Africa 2/- extra.  
Brown's Orthoscopic, or correct Vision Spectacles, are distinguished by clearness of definition and a positive sense of comfort in use.  
Prices:—Finest Glass, in Steel Frames, 4/6; Pebbles, 7/6, in Gold Frames, from 18/-.  
Detailed Price Lists on application, of Field Glasses, Telescopes, Surveying Instruments, Magic Lanterns, &c.

**JAMES BROWN, Optician, &c., 76, St. Vincent Street, Glasgow.**

**NOBILITY OF LIFE.** "WHO BEST CAN SUFFER,  
BEST CAN DO."—Milton.



The Victorian Reign is unparalleled in the History of Great Empires for its Purity, Goodness and Greatness!!

**ABOVE ALL!!!**  
A FEARLESS DEVOTION TO DUTY AND UNFLINCHING TRUTHFULNESS.  
**THE QUEEN'S PRIZE.**

The Conditions laid down by the QUEEN for the Prize given by HER MAJESTY to the Marine Boys are these: **Cheerful Submission to Superiors; Self-respect and Independence of Character; Kindness and Protection to the Weak; Readiness to forgive Offence; a Desire to Conciliate the Differences of others; and, above all, a Fearless Devotion to Duty, and Unflinching Truthfulness.**

\* Such principles, if evoked and carried into action, would produce an almost perfect moral character IN EVERY CONDITION OF LIFE."—SMILES.

**SHAKESPEARE AND DUTY.**  
"Come the corners of the world in arms,  
And we shall shock them: night shall make us rare.  
**IF ENGLAND TO ITSELF DO BEST BUT TRUE.**

**THE PIVOT OF DUTY.—STERLING HONESTY OF PURPOSE;  
WITHOUT IT LIFE IS A SHAM!**

**THE SECRET OF SUCCESS.**—"A new invention is brought before the public, and commands success. A score of ABOMINABLE IMITATIONS are immediately introduced by the unscrupulous, who in copying the original closely enough to deceive the public, and yet not so exactly as to infringe upon legal rights, exercise an ingenuity that, employed in an original channel, could not fail to secure reputation and profit."—ADAMS.

What higher aim can man attain, than conquest over human pain?  
**For Health and Longevity use ENO'S "FRUIT SALT."**

The value of ENO'S "FRUIT SALT" cannot be told. Its success in Europe, Asia, Africa, America, Australia, and New Zealand proves it.

**THE GREAT DANGER OF SUGAR, PINK OR CHEMICALLY COLOURED SHERBERT, OR ACIDULATED SHERBERT MASKED WITH SUGAR.**—Experience shows that Sugar, Pink, or Chemically Coloured Sherbert, or acidulated Sherbert masked with Sugar, Mild Ales, Port Wine, Dark Sherries, Sweet Champagne, Liqueurs, and Brandy are all very apt to disorganise; while Light White Wines, and Gin and Brandy are all very apt to disorganise; while Light White Wines, and Gin and Brandy are all very apt to disorganise. We will be found the least objectionable. ENO'S "FRUIT SALT" is peculiarly adapted for any constitutional weakness of the Liver. It possesses the power of reparation when Digestion has been disturbed or lost, and places the invalid on the right track to health.

**ENO'S FRUIT SALT** possesses the power of reparation when digestion has been disturbed or lost through alcoholic drinks, fatty substances, or want of exercise. If its great value in keeping the body in health were universally known, no family would be without it.

**ENO'S FRUIT SALT.**—"After suffering two and a half years from severe headache and disordered stomach, and after trying almost everything without any benefit, I was recommended to try ENO'S FRUIT SALT, and, before I had finished one bottle, I found it doing me a great deal of good, and am restored to my usual health. And others I know that have tried it, have not enjoyed such good health for years."  
—Yours most truly, ROBERT JAMESHURDY, Post Office, Barrasford."

**CAUTION.**—Examine each Bottle, and see that the Capsule is marked ENO'S "FRUIT SALT" Without it, you have been imposed on by a worthless imitation. **SOLD BY ALL CHEMISTS.**

**PREPARED ONLY AT ENO'S "FRUIT SALT" WORKS, LONDON, S.E., BY J. C. ENO'S PATENT.**

# Letts's

## COLONIAL

# ROUGH DIARY

## AND ALMANAC

FOR

# 1892.

(BISEXILE OR LEAP YEAR.)

BEING THE FIFTY-FIFTH YEAR OF THE REIGN OF HER MAJESTY QUEEN VICTORIA—  
(Accession June 20, 1837.)

### FOLIO SERIES.

		Plain.	Intd. Blotting.	Blotting Cloth.
No. 31	Week in opening, space for Sunday ...	1s. 6d.	2s. 6d.	4s. 6d.
„ 32	Week on page, space for Sunday ...	1s. 3d.	2s. od.	—
„ 37	Week on page, space for Sunday, interleaved Blot. only ...	—	1s. od.	—
„ 39	Week in opening, with space for Sunday, inter. Blot. only ...	—	1s. 6d.	—
„ 41	One day on page, cloth back ...	5s. od.	—	8s. od.
„ 42	Two days on page, cloth back ...	3s. od.	—	5s. od.
„ 48	Two days on page, inter. Blot. only, cloth back	—	3s. 6d.	—

PUBLISHED FOR

LETT'S DIARIES COMPANY, LIMITED,

BY

CASSELL & COMPANY, LIMITED,

LONDON, PARIS, & MELBOURNE.

For a full description whereby to obtain a Counterpart of this Diary, see back of order form.

LETT'S DIARIES CAN BE OBTAINED AT ALL THE PRINCIPAL BOOKSELLERS THROUGHOUT THE WORLD.

[ALL RIGHTS RESERVED.]

JANUARY, 1892.

FEBRUARY, 1892.

MARCH, 1892.

FIRST MONTH—THIRTY-ONE DAYS.

SECOND MONTH—TWENTY-NINE DAYS.

THIRD MONTH—THIRTY-ONE DAYS.

Table for January 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Christmas, Epiphany, and Lent.

Table for February 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Shrove Tuesday, Ash Wednesday, and Lent.

Table for March 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Shrove Tuesday, Ash Wednesday, and Lent.

APRIL, 1892.

MAY, 1892.

JUNE, 1892.

FOURTH MONTH—THIRTY DAYS.

FIFTH MONTH—THIRTY-ONE DAYS.

SIXTH MONTH—THIRTY DAYS.

Table for April 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Indian Bonds, Easter, and Pentecost.

Table for May 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Easter, Ascension, and Pentecost.

Table for June 1892 with columns: Days of the m. w. y., Sunday, Holidays, Phases of the Moon, etc., and rows for various events like Trinity Sunday, Pentecost, and Whitsunday.

EXPLANATION OF CALENDAR, Moon's Changes: O New Moon; Q First Quarter; P Full Moon; L Last Quarter.

ECLIPSES—contd. land when the eclipse is visible, in partial phases, being the western coast of S. America, part of New Zealand, and some islands in the S. Pacific.

ECLIPSES—contd. the western Atlantic. Begins at 4.16 p.m. p.m.; greatest eclipse 6h 36m p.m.; ends at 8h 52m p.m.

CHRONOLOGICAL NOTES. Golden Number 12. Dom. Letter CB. Epoch 1892. 1 Rom. Indiction 5. Solar Cycle 100. 25 1/2 Year Period 6962.

THE CALENDARS. The Jewish is in accordance with the system arranged A.D. 352. The Calendar dates from the Creation, which is fixed as 3700 years and three months before the

THE CALENDARS—contd. beginning of the Christian Era; the year is Luni-solar. The Mohammedan, or era of the Hejra, dates from the day of the Hejra, which occurred on the night of July 15, 622 A.D. The months are Lunar.

ECLIPSES IN 1892. Of Sun two; of Moon two. I.—April 26-27. Total Eclipse of Sun. The path of total Eclipse lies wholly in the S. Pacific; the only

THE CALENDARS. The Jewish is in accordance with the system arranged A.D. 352. The Calendar dates from the Creation, which is fixed as 3700 years and three months before the

The Faal year was derived from a combination of the Hejra and Solar years by the Order of Akbar; it is Luni-solar. The Bengali year seems also to have been raised at one time to the level of the Hejra, but of its being Solar made it lose 11 days each year.

JULY, 1892.

AUGUST, 1892.

SEPTEMBER, 1892.

SEVENTH MONTH—THIRTY-ONE DAYS.

EIGHTH MONTH—THIRTY-ONE DAYS.

NINTH MONTH—THIRTY DAYS.

Main calendar table for July, August, and September 1892, including days of the week, holidays, and moon phases.

OCTOBER, 1892.

NOVEMBER, 1892.

DECEMBER, 1892.

TENTH MONTH—THIRTY-ONE DAYS.

ELEVENTH MONTH—THIRTY DAYS.

TWELFTH MONTH—THIRTY-ONE DAYS.

Main calendar table for October, November, and December 1892, including days of the week, holidays, and moon phases.

JEWISH CALENDAR, 1892.

JEWISH CALENDAR—contd.

MOHAMMEDAN CALENDAR.

FASLI (N.W. INDIA)—contd.

Jewish calendar table for 1892, listing months and days.

Jewish calendar table—contd., listing months and days.

Mohammedan calendar table, listing months and days.

Fasli (N.W. India) calendar table, listing months and days.

BENGALI.

Bengali calendar table, listing months and days.

**SAMVAT CALENDAR.**

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	1948.	1948.	1948-1949.	1949.	1949.	1949.	1949.	1949.	1949.	1949.	1949.	1949.
1	Pausa 1 sudi	Magha 3 sudi	Phalguna 3 sudi	Chaitra 4 sudi	Vais. 5 sudi	Jyesth 7 sudi	Ashada 8 sudi	Sravana 8 sudi	Bhadra 11 c m	Asvina 11 sudi	Kartt 12 sudi	Margh 13 sudi
2	2 B	4	4	5	6	8	9	9	10	11	12	13
3	3	5	6	6	7	9	10	10	11	12	13	14
4	4	6	7	7	8	10	11	11	12	13	14	15
5	5	7	8	8	9	11	12	12	13	14	15	16
6	6	8	9	9	10	12	13	13	14	15	16	17
7	7	10	10	10	11	13	14	14	15	16	17	18
8	8	11	11	11	12	14	15	15	16	17	18	19
9	9	12	12	12	13	15	16	16	17	18	19	20
10	10	13	13	13	14	16	17	17	18	19	20	21
11	11	14	14	14	15	17	18	18	19	20	21	22
12	12	15	15	15	16	18	19	19	20	21	22	23
13	13	16	16	16	17	19	20	20	21	22	23	24
14	14	17	17	17	18	20	21	21	22	23	24	25
15	15	18	18	18	19	21	22	22	23	24	25	26
16	16	19	19	19	20	22	23	23	24	25	26	27
17	17	20	20	20	21	23	24	24	25	26	27	28
18	18	21	21	21	22	24	25	25	26	27	28	29
19	19	22	22	22	23	25	26	26	27	28	29	30
20	20	23	23	23	24	26	27	27	28	29	30	31
21	21	24	24	24	25	27	28	28	29	30	31	
22	22	25	25	25	26	28	29	29	30	31		
23	23	26	26	26	27	29	30	30	31			
24	24	27	27	27	28	30	31	31				
25	25	28	28	28	29	31						
26	26	29	29	29	30							
27	27	30	30	30								
28	28	31	31	31								
29	29											
30	30											
31	31											

Note.—The Calendar is computed for Lanka; all tithis are the same at Calcutta, Madras and Bombay except those followed by initial letters of the place. B signifies that 1 is to be added to the tithi in table to obtain that for Bombay, c = 5 or 1 to be subtracted from the table to obtain that for Calcutta, Madras or Bombay respectively.

**TABLE OF WAGES, INCOME, &c.**

*Showing the amount for one or more days at the rates of 1 to 16 Rupees per month of 31 days.*

Rupees	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Days.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
1	0 0 1	0 0 2	0 0 3	0 0 4	0 0 5	0 0 6	0 0 7	0 0 8	0 0 9	0 0 10	0 0 11	0 0 12	0 0 13	0 0 14	0 0 15	0 0 16
2	0 0 2	0 0 4	0 0 6	0 0 8	0 0 10	0 0 12	0 0 14	0 0 16	0 0 18	0 0 20	0 0 22	0 0 24	0 0 26	0 0 28	0 0 30	0 0 32
3	0 0 3	0 0 6	0 0 9	0 0 12	0 0 15	0 0 18	0 0 21	0 0 24	0 0 27	0 0 30	0 0 33	0 0 36	0 0 39	0 0 42	0 0 45	0 0 48
4	0 0 4	0 0 8	0 0 12	0 0 16	0 0 20	0 0 24	0 0 28	0 0 32	0 0 36	0 0 40	0 0 44	0 0 48	0 0 52	0 0 56	0 0 60	0 0 64
5	0 0 5	0 0 10	0 0 15	0 0 20	0 0 25	0 0 30	0 0 35	0 0 40	0 0 45	0 0 50	0 0 55	0 0 60	0 0 65	0 0 70	0 0 75	0 0 80
6	0 0 6	0 0 12	0 0 18	0 0 24	0 0 30	0 0 36	0 0 42	0 0 48	0 0 54	0 0 60	0 0 66	0 0 72	0 0 78	0 0 84	0 0 90	0 0 96
7	0 0 7	0 0 14	0 0 21	0 0 28	0 0 35	0 0 42	0 0 49	0 0 56	0 0 63	0 0 70	0 0 77	0 0 84	0 0 91	0 0 98	0 0 105	0 0 112
8	0 0 8	0 0 16	0 0 24	0 0 32	0 0 40	0 0 48	0 0 56	0 0 64	0 0 72	0 0 80	0 0 88	0 0 96	0 0 104	0 0 112	0 0 120	0 0 128
9	0 0 9	0 0 18	0 0 27	0 0 36	0 0 45	0 0 54	0 0 63	0 0 72	0 0 81	0 0 90	0 0 99	0 0 108	0 0 117	0 0 126	0 0 135	0 0 144
10	0 0 10	0 0 20	0 0 30	0 0 40	0 0 50	0 0 60	0 0 70	0 0 80	0 0 90	0 0 100	0 0 110	0 0 120	0 0 130	0 0 140	0 0 150	0 0 160
11	0 0 11	0 0 22	0 0 33	0 0 44	0 0 55	0 0 66	0 0 77	0 0 88	0 0 99	0 0 110	0 0 121	0 0 132	0 0 143	0 0 154	0 0 165	0 0 176
12	0 0 12	0 0 24	0 0 36	0 0 48	0 0 60	0 0 72	0 0 84	0 0 96	0 0 108	0 0 120	0 0 132	0 0 144	0 0 156	0 0 168	0 0 180	0 0 192
13	0 0 13	0 0 26	0 0 39	0 0 52	0 0 65	0 0 78	0 0 91	0 0 104	0 0 117	0 0 130	0 0 143	0 0 156	0 0 169	0 0 182	0 0 195	0 0 208
14	0 0 14	0 0 28	0 0 42	0 0 56	0 0 70	0 0 84	0 0 98	0 0 112	0 0 126	0 0 140	0 0 154	0 0 168	0 0 182	0 0 196	0 0 210	0 0 224
15	0 0 15	0 0 30	0 0 45	0 0 60	0 0 75	0 0 90	0 0 105	0 0 120	0 0 135	0 0 150	0 0 165	0 0 180	0 0 195	0 0 210	0 0 225	0 0 240
16	0 0 16	0 0 32	0 0 48	0 0 64	0 0 80	0 0 96	0 0 112	0 0 128	0 0 144	0 0 160	0 0 176	0 0 192	0 0 208	0 0 224	0 0 240	0 0 256

**PHASES OF THE MOON, 1892 (CALCUTTA).**

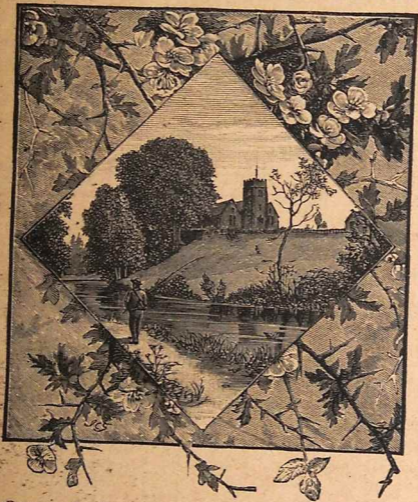
**TIME OF SUN'S RISING AND SETTING FOR CALCUTTA AND MADRAS.**

January.				April.				July.				October.			
Rises.	Am.	Set.	Chk.	Rises.	Am.	Set.	Chk.	Rises.	Am.	Set.	Chk.	Rises.	Am.	Set.	Chk.
7. 3	57	32	5	4. 3	50	15	2	2. 3	50	15	2	0. 0	50	15	2
14. 0	58	20	10	12. 0	59	10	17	0. 0	57	31	13	3. 31	58	17	18
21. 0	59	8	23	19. 0	58	5	24	7. 31	57	10	20	10. 17	56	0	27
28. 0	59	32	30	27. 0	58	0	31	14. 5	55	24	27	17. 30	54	0	34

Note.—The times given are Calcutta Mean Time. The Mean Times for the following places may be found by adding or subtracting from the times given above the time opposite the place.  
 Bombay ... .. subtract 18 30  
 Kurrachee ... .. " 18 25  
 Madras ... .. " 0 32  
 Simla ... .. " 0 45  
 Rangoon ... .. add 0 31  
 Singapore ... .. add 18 25  
 Colombo ... .. subtract 0 34  
 Peking ... .. " 15 33  
 Teheran ... .. subtract 0 34  
 Yokohama ... .. add 3 25



# A SELECTED LIST OF Cassell & Company's PRESENTATION VOLUMES.



CASSELL & COMPANY'S COMPLETE CATALOGUE, containing particulars of upwards of One Thousand Volumes, published at prices ranging from 3d. to Fifty Guineas, will be sent post free to any address on application.

CASSELL & COMPANY, LIMITED,  
LUDGATE HILL, LONDON;  
PARIS & MELBOURNE.

W  
e  
ri  
Am  
'es  
on  
art  
wr  
Fe  
ld  
es  
y  
sta  
h  
es.  
'm  
re  
he  
W  
ack  
an  
itn  
  
n c  
  
is is  
  
treb  
ofor  
my  
deb  
oses  
be a  
ive,  
is (o  
real a  
l.  
with  
to t  
ny n  
r Lo  
  
gued  
ackn  
la  
ne pr  
ame  
t, in  
ence  
sed o  
arria  
void  
With  
Vill,  
ature  
ren.  
perso  
, or  
racy  
ir att  
ld for  
very V  
istry  
l prin  
ere ar  
on p  
ment  
  
re's  
at 6  
able  
Devie  
To E  
proc  
To E  
proc  
on fo  
ldren.  
other  
To W  
ldren  
To W  
For a  
arate  
In tr  
ns of L  
Gene  
  
IND



Cassell & Company's Presentation Volumes (continued).

ILLUSTRATED VOLUMES.

	s.	d.
Robinson Crusoe, Cassell's New Fine Art Edition of. With upwards of 100 Original Illustrations, expressly executed for this Edition by WALTER PAGET ... ..	7	6
The World of Adventure. Fully Illustrated. Three Volumes, each London Street Arabs. By Mrs. H. M. Stanley (Dorothy Tennant). With Pictures handsomely reproduced. 8th Thousand ... ..	9	0
Our Earth and its Story. Complete in Three Vols ... .. each	9	0
The Life and Times of Queen Victoria. Two Vols. ... .. each	9	0
Peoples of the World. By Dr. Robert Brown. Six Vols. ... .. each	7	6
Our Own Country. With 1,200 Illustrations. Six Vols. ... .. each	7	6
Old and New Edinburgh. 600 Illustrations. Three Vols. ... .. each	9	0
Greater London. By E. Walford. 400 Illustrations. Two Vols. each	9	0
Old and New London. With 1,200 Illustrations. Six Vols. ... .. each	9	0
Gleanings from Popular Authors. Illustrated. Two Vols. each	9	0
Illustrated British Ballads. Complete in Two Vols. ... ..	15	0
The World of Wonders. With 200 Illustrations. Two Vols. each	7	6
Cities of the World. Illustrated throughout. Four Vols. ... .. each	7	6
Library of English Literature. By Prof. H. Morley. 5 Vols. each	7	6
Cassell's New Popular Educator. With New Illustrations, New Coloured Plates, New Maps in Colours, New Type, &c. Vols. I. to VI., with Six Coloured Maps and Plates in each ... .. each	5	0

BIOGRAPHY.

Lord Houghton.—The Life, Letters, and Friendships of Richard Monckton Milnes. First Lord Houghton. By T. Wemyss Reid. Two Vols., with Two Portraits ... ..	32	0
Richard Redgrave, C.B., R.A. Memoir compiled from his Diary. By F. M. Redgrave ... ..	10	6
The Journal of Marie Bashkirtseff. Translated from the French, with an Introduction, by Mathilde Blind. Popular Edition ... ..	7	6
The Life of the Rev. J. G. Wood. By his Son, the Rev. Theodore Wood. Cheap Edition. ... ..	5	0
Life and Work of the Seventh Earl of Shaftesbury, K.G. By Edwin Hodder. Popular Edition. Illustrated ... ..	7	6

RELIGIOUS WORKS.

The Holy Land and the Bible. By the Rev. Cunningham Geikie, D.D. Illustrated Edition, 21s. Library Edition, 2 Vols. ... ..	24	0
The Old Testament Commentary. Five Vols. Edited by Bishop Ellicott ... .. each	21	0
The New Testament Commentary. Three Vols. Edited by Bishop Ellicott ... .. each	21	0
Conquests of the Cross. By Edwin Hodder. With numerous Illustrations. 3 Vols. ... .. each	9	0
Bunyan's Pilgrim's Progress and Holy War. With 200 Illustrations. And a New Life of Bunyan by the Rev. John Brown... ..	16	0

WORKS BY ARCHDEACON FARRAR.

The Life of Christ. Library Edition. 32nd Edition. Two Vols., 24s.; or morocco, 42s. Illustrated Edition, 1 Vol., 7s. 6d. Popular Edition ... ..	6	0
The Life and Work of St. Paul. Illustrated Edition, 21s.; or morocco, 42s. Library Edition. 20th Thousand. Two Vols., 24s. Popular Edition ... ..	6	0
The Early Days of Christianity. Library Edition. Ninth Thousand. Two Vols., 24s.; morocco, 42s. Popular Edition ... ..	6	0

CASSELL & COMPANY, Limited, London, Paris & Melbourne.

IIRE  
 A W  
 age  
 scri  
 rchm  
 Tes  
 mor  
 part  
 if wr  
 Te  
 ould  
 sses  
 ury  
 testa  
 ich o  
 mes.  
 or m  
 the  
 l he  
 W  
 ack  
 llan  
 witn  
 rm o  
 hie  
 hereb  
 etofo  
 e my  
 deb  
 ense  
 y be a  
 give,  
 his (o  
 real a  
 ed.  
 a witr  
 eto t  
 my n  
 ur Lo  
 signed  
 ackn  
 la  
 the p  
 same  
 at, in  
 sence  
 bed o  
 arriag  
 l void  
 With  
 Will,  
 natura  
 een,  
 perso  
 l, or  
 gacy,  
 ir atte  
 id for  
 very V  
 ristry  
 princ  
 are an  
 on p  
 ment  
 ts's  
 at 6  
 able t  
 Denis  
 To E  
 proc  
 To E  
 proc  
 on fo  
 idren.  
 ther  
 To W  
 idren  
 To W  
 For a  
 vrate  
 In tr  
 is of E  
 Gener

Cassell & Company's Presentation Volumes (*continued*).

INDISPENSABLE DOMESTIC WORKS.

	s.	d.
The Book of Health. By Eminent Physicians and Surgeons ... ..	21	0
The Family Physician. <i>New and Revised Edition</i> ... ..	21	0
Cassell's Book of the Household. Illustrated. Four Vols. each	5	0
Cassell's Dictionary of Cookery. Illustrated throughout ... ..	7	6
Cassell's Domestic Dictionary. With numerous Illustrations ... ..	7	6
Cassell's Shilling Cookery. The Cheapest and Best Popular Work	1	0

SCIENTIFIC WORKS.

The Story of the Heavens. - By Sir Robert Stawell Ball, F.R.S., F.R.A.S. With Coloured Plates and Wood Engravings ... ..	12	6
Star-Land. Being Talks with Young People about the Wonders of the Heavens. By Sir Robert Stawell Ball, F.R.S. Illustrated. ... ..	6	0
Electricity in the Service of Man. Translated and Edited by R. Wormell, D.Sc., M.A. With nearly 850 Illustrations. <i>Cheap Edition</i>	9	0
Science for All. Edited by Dr. Robert Brown, M.A., F.L.S., &c. With about 1,500 Illustrations. Five Vols. ... .. each	9	0
Cassell's New Natural History. Edited by Prof. P. Martin Duncan, M.B., F.R.S. With 2,000 Illustrations. In Six Vols. ... ..	9	0

CYCLOPÆDIAS and DICTIONARIES.

Cassell's Storehouse of General Information. Fully Illustrated. In Vols. ... .. each	5	0
The Encyclopædic Dictionary. Complete in Fourteen Vols., 10s. 6d. each; or Seven Vols. ... .. each	21	0
Cassell's English Dictionary. Giving definitions of more than 100,000 Words and Phrases ... ..	7	6
The Dictionary of Religion. By the Rev. William Benham, B.D.	10	6
Celebrities of the Century. Edited by Lloyd C. Sanders. ... ..	10	6
Dictionary of English History. <i>Cheap Edition</i> ... ..	10	6
Cassell's Concise Cyclopædia. 600 Illustrations. <i>Cheap Edition</i>	7	6
Cassell's Miniature Cyclopædia. Containing about 30,000 Subjects	3	6

BOOKS FOR COUNTRY GENTLEMEN.

WITH COLOURED PLATES AND WOOD ENGRAVINGS.

Horse, The Book of the. By Samuel Sidney ... ..	35	0
Dog, Illustrated Book of the. By Vero Shaw, B.A. ... ..	35	0
Dairy Farming. By Prof. Sheldon ... ..	21	0
Poultry, The Illustrated Book of. By Lewis Wright. <i>New Edition</i>	31	6
Pigeons, The Book of. By Robert Fulton and L. Wright. ... ..	31	6
Canaries and Cage-Birds, Illustrated Book of ... ..	35	0

BOOKS FOR LOVERS OF NATURE.

WITH COLOURED PLATES AND WOOD ENGRAVINGS.

Familiar Wild Birds. By W. Swainsland, F.Z.S. Four Series each	12	6
Familiar Garden Flowers. By Shirley Hibberd. Five Series each	12	6
Familiar Wild Flowers. By F. E. Hulme. Five Series each	12	6
Familiar Trees. By G. S. Boulger, F.L.S. Two Series... .. each	12	6
Cassell's Popular Gardening. Four Vols. ... .. each	5	0
European Butterflies and Moths. By W. F. Kirby ... ..	35	0
Birds' Nests, Eggs, and Egg-Collecting. By R. Kearton... ..	5	0

ANNUAL VOLUMES.

The Quiver. Yearly Volume. Illustrated. ... ..	7	6
Cassell's Family Magazine. Yearly Vol. Illustrated ... ..	9	0
"Little Folks" Half-Yearly Volume. With about 200 Illustrations, and Pictures in Colour. Boards, 3s. 6d.; cloth ... ..	5	0
The Magazine of Art. Yearly Vol. With 12 Photographures, Etchings, &c., and several hundred choice Engravings ... ..	16	0
Cassell's Saturday Journal. Yearly Volume. Cloth ... ..	7	6
Work. An Illustrated Magazine of Practice and Theory for all Workmen, Professional and Amateur. Yearly Vol. ... ..	7	6

CASSELL & COMPANY, Limited, London, Paris & Melbourne.

THE ROYAL FAMILY.

Dates of Birth and Age in 1893. Queen Victoria... Prince Consort... Princess Alice... Princess Alice Marie...

COLONIAL GOVERNORS.

Ceylon - Sir A. B. Havelock, K.M.C.G. (45,000). Cyprus - H. B. Palmer, G.O.M.G. (44,000). Falkland Islands - Thomas Kerr... Fiji Islands - Sir J. B. Thurston... Gibraltar - Sir Lothian Nicholson... Hong Kong - Sir George William Geary... Mauritius - Sir Chas. C. Lee... New Zealand - The Rt. Hon. Sir James Dickson... Queensland - Gen. Sir H. W. Norman... Sierra Leone - Sir J. S. Hay... Tasmania - Sir R. G. Hamilton... Victoria - The Rt. Hon. the Earl of Stirling... West Australia - Sir W. C. F. Robinson... Windward Islands - Sir W. P. HULL-HUTCHINSON...

FOREIGN MONEY TABLE.

Table with exchange rates for Norway, Russia, Spain, Portugal, Turkey, etc.

DIRECTIONS FOR MAKING A WILL.

A Will cannot be made in language too simple or concise; must be written and signed as Paper or Parchment, and in the presence of two or more Witnesses, who must not be parties interested in the Will; or written on more than one sheet, the Testator and the Witnesses should sign each sheet. The Witnesses must sign the Will with the Testator, and be bound (after signing) take the Will in his hand, and say, 'I will testify that to be my last Will and Testament, and request you to witness it.'

Form of Will for absolute devise.

This is the last Will and Testament of me, hereby revoke all Wills by me heretofore made, I appoint and direct that my last will and testamentary dispositions shall be as follows: I give, devise and bequeath unto my dear wife the sum of £1000...

Attestation Clause.

I, the undersigned, being a qualified and acknowledged by me, in the presence of my witnesses, in the presence of and present at the making of the said Will, and at the signing thereof, and I have witnessed the same as witnesses.

FOREIGN MONEY TABLE.

Table with exchange rates for America, Austria, Brazil, Chile, Denmark, Germany, Greece, Hong Kong, India, Japan, etc.

INDIAN STAMP DUTIES.

Table with duties for Bonds or Mortgage Deeds, Charter Parties, Certificate or other Documents relating to Shares, Cheque for amount exceeding Rs. 100, Composition - Deed, Conveyance, Copy or Extract, Declaration of Trust, Delivery Order, Entry in any High Court, Instrument of Appointment, Memorandum of Association, Note of Protest, Policies - Marine, Power of Attorney, Receipt for value, Revocation of any Trust, Surrender of Lease, Transfer of Shares, Transfer of any Interest secured by a Bond, Lease, Deed or Policy, Warrant for Goods.



**INTEREST TABLE APPLICABLE TO RUPEES, DOLLARS & CENTS, OR FRANGS & CENTIMES, &c.**

This Table will be found of value alike for dollars and cents, francs and centimes, and in fact all decimal currencies, as the result can be converted into the currency of any country using such standard. In like manner different per-centages can be worked out by multiplying, adding, or subtracting the rates already quoted.

**TABLE TO FIND THE INTEREST ON ANY SUM FOR ANY NUMBER OF DAYS.**

Rupees.	5 per Cent.			6 per Cent.			7 per Cent.			8 per Cent.		
	R	C	D.P.	R	C	D.P.	R	C	D.P.	R	C	D.P.
	1	...	0138	...	0164	...	0191	...	0217	...	0243	...
10	...	1380	...	1640	...	1910	...	2170	...	2430	...	2700
100	...	13800	...	16400	...	19100	...	21700	...	24300	...	27000

Multiply the Interest on the sum required appearing under the respective rates by the number of days, strike off the last four figures on the right and the remaining figure will be the Interest in Rupees and Cents—(The last two figures on the right being the Cents).

Ex. Required the Int. on 1000 = 123.2875  
 Interest on Rupees 9676 000 = 0.82121  
 for 422 days at 5 per Cent. 5 = 0.82121

$1232875 \times 125 = 1541093750$   
 Ans. Rs. 154-09/375

**INTEREST TABLE.**

From 5 to 12 per cent. On Rs. 100.

Calculated for 1 Year, 1 Month (Calendar), 1 Week, and 1 Day (365 Days of Year) the Decimal Fraction of a Pie for the Day being shown for the Day.

Per cent.	1 Day.		1 Week.		1 Month.		1 Year.	
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0

**COMPARISON OF THE ENGLISH MILK WITH OTHER EUROPEAN MEASURES.**

	English Stat. Milk	French Milk	German Milk	Austrian Milk	Dutch Milk	N. German Milk	Spanish Milk	Danish Milk	Swiss Milk	Swedish Milk
1000 Litres	1700	1135	1900	1712	1568	1712	1712	1712	1712	1712
1000 Gallons	1700	1135	1900	1712	1568	1712	1712	1712	1712	1712

**DAY TABLE FOR CALCULATING INTEREST.**

Number of days from any day in one month to same day in any other month

Days from	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
January	365	31	60	90	120	151	181	212	243	273	304	334
February	365	28	57	87	117	147	177	207	237	267	297	327
March	366	30	59	89	119	149	179	209	239	269	299	329

In Leap Year add 1 day, when February 24th is included in the calculation.

**ALMANAC FOR 1893.**

January	February	March	April	May	June	July	August	September	October	November	December
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

GOLDEN NUMBER..... 13 ROMAN INDUCTION..... 26  
 EPOCH..... 12 SOLAR CYCLE..... 6  
 DOMINICAL LETTER..... J JULIAN PERIOD..... 6960

Black figures signify English Bank Holidays.

**TABLE OF HOUSE RENT, &c.**

Table showing the Amount of House Rent, Servant's Wages, &c., from One Day to One Month, at the rates of 1 to 100 Rupees per Month.

Rupees per Month.	1 Day.	1 Week.	2 Weeks.	3 Weeks.	4 Weeks.	1 Month.
1	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
10	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
100	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0

**INDIAN READY RECKONER.**

By which the value of any number of articles purchased at any given rate may be ascertained.

Article.	1	2	3	4	5	6	7	8	9	10
Pies 1	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
10	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0

**LONDON BANKS, BANKING COMPANIES, BANKERS, & C.**

**Clearing House—Post Office-Courts, Lombard-street-st.**

\* Bankers that pass the Clearing House.
\* Banks of Internal and Foreign Banks.
\* Branch of the Imperial Bank.

- 1 Africa, 113 Cannon-st., E.C.
2 Agre, 35 Nicholas-lane, Lombard-st., E.C.
3 Alexander, Fletcher & Co., 2 St. Helen's-place, E.C.
4 Alexander & Co., 34 Lombard-st., E.C.
5 Allan & Co., 17 Gracechurch-st.
\* Alliance, Bartholomew-lane, E.C.
6 Anglo-Argentine, 15 Nicholas-lane, E.C.
7 Anglo-Australian, 31 Lombard-st.
8 Anglo-Californian, 3 Angel-st.
9 Anglo-Egyptian Banking Company, 27 Clement-lane, E.C.
10 Anglo-Foreign Banking Company, 2 Bishopsgate-st. within
11 Anglo-Italian, 3 St. Helen's-pl.
12 Anglo-Mexican, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

**LONDON BANKERS—contd.**

- 60 1/2 Cluttons, Roger & Co., 23 Finch-lane, E.C.
1/2 Hellick London, Royal Bank-bldg., 125 Bishopsgate-st., E.C.
61a. Derenberg & Meyer, St. Austin Friars, E.C.
61b. Derenberg & Meyer, St. Austin Friars, E.C.
62 1/2 Dimeale, Fowler, Bernard & Dimeale, 60 Cornhill, E.C.
63 1/2 Discount Bank of London, 6 Doocannon-street, W.C.
64 Dornes & Sons, 9 Dorkingtons-yard, E.C. [S.W.]
65 1/2 Drummond, 40 Charing-cross, E.C.
66 1/2 Dyer, 26 Old Broad-st., E.C.
67 1/2 English Threadneedle-st. E.C.
68a. English & Australian Mortgage, 37 Lombard-st.
69 1/2 English of Rio Janeiro, 21 Moorgate-st., E.C.
70 1/2 English of St. Plate, 15 St. Switlin's-lane, E.C.
71 1/2 English, Scott & Australian Chartered, 75 Cornhill, E.C.
72 1/2 Federal of Australia, 18 King William-st., E.C.
73 1/2 Fuller, Banbury, Nix & Co., 77 Lombard-st., E.C.
74 1/2 Fulton & Co., 10 Old Broad-st., E.C.
75 1/2 Gillett, Bros. & Co., 9 Birchin-lane, W.C.
76 1/2 Gill, C. Alvin & Co., 9 Birchin-lane, E.C.
77 1/2 Glyn, Clive & Currie & Co., 67 Lombard-st., E.C.
78 1/2 Gordon, Smith & Co., 139, Canal-st., E.C.
79 1/2 Gosling & Sharpe, 19 Fleet-st., E.C.
80 1/2 Grant, M., 61 Old Broad-st., E.C.
81 1/2 Green, Tomkinson & Co., 32 Nicholas-lane, E.C.
82 1/2 Girdling & Co., 56 Parliament-st., E.C.
83a. Haarbleicher & Schumann 144 Leadenhall-st., E.C.
83b. Hart & Sons, 3 Throgmorton-avenue, E.C.
84 1/2 Hallett & Co., 7 St. Martin's-lane, W.C.
85 1/2 Herries, Farquhar & Co., 16 St. James's-st., S.W.
86 1/2 Hills & Sons, 6 West Waterloo-opp., Pall-mall, S.W.
87 1/2 Hill & Sons, 66 West Smithfield, E.C.
88 1/2 Hoares, 37 Fleet-street, E.C.
89 1/2 Holl, Lavrie & Co., 17 Whitehall-lane, W.C.
90 1/2 Hong Kong & Shanghai Banking Corp., 31 Lombard-st.
91 1/2 Horn & Sons, 3 Regent-st.
92 1/2 Imperial, 6 Lombury, E.C.
93 1/2 Imperial Deposit, 18 Adam-lane, W.C.
94 1/2 Imperial Ottoman, 26 Throgmorton-st., E.C.
95a. Imperial of Persia, 14 Austin Friars, E.C.
96 1/2 International of London, Wingfield House, 49 Old Broad-st., E.C.
97 1/2 Ionian, 33 Lombard-st., E.C.
98 1/2 Keyser & Co., 21 Cornhill, E.C.
99 1/2 Keyser & Co., 21 Cornhill, E.C.
100 1/2 Keyser & Co., 21 Cornhill, E.C.
101 1/2 Keyser & Co., 21 Cornhill, E.C.
102 1/2 Keyser & Co., 21 Cornhill, E.C.
103 1/2 Keyser & Co., 21 Cornhill, E.C.
104 1/2 Keyser & Co., 21 Cornhill, E.C.
105 1/2 Keyser & Co., 21 Cornhill, E.C.
106 1/2 Keyser & Co., 21 Cornhill, E.C.
107 1/2 Keyser & Co., 21 Cornhill, E.C.
108 1/2 Keyser & Co., 21 Cornhill, E.C.
109 1/2 Keyser & Co., 21 Cornhill, E.C.
110 1/2 Keyser & Co., 21 Cornhill, E.C.
111 1/2 Keyser & Co., 21 Cornhill, E.C.
112 1/2 Keyser & Co., 21 Cornhill, E.C.
113 1/2 Keyser & Co., 21 Cornhill, E.C.
114 1/2 Keyser & Co., 21 Cornhill, E.C.
115 1/2 Keyser & Co., 21 Cornhill, E.C.
116 1/2 Keyser & Co., 21 Cornhill, E.C.
117 1/2 Keyser & Co., 21 Cornhill, E.C.
118 1/2 Keyser & Co., 21 Cornhill, E.C.
119 1/2 Keyser & Co., 21 Cornhill, E.C.
120 1/2 Keyser & Co., 21 Cornhill, E.C.
121 1/2 Keyser & Co., 21 Cornhill, E.C.
122 1/2 Keyser & Co., 21 Cornhill, E.C.
123 1/2 Keyser & Co., 21 Cornhill, E.C.
124 1/2 Keyser & Co., 21 Cornhill, E.C.
125 1/2 Keyser & Co., 21 Cornhill, E.C.
126 1/2 Keyser & Co., 21 Cornhill, E.C.
127 1/2 Keyser & Co., 21 Cornhill, E.C.
128 1/2 Keyser & Co., 21 Cornhill, E.C.
129 1/2 Keyser & Co., 21 Cornhill, E.C.
130 1/2 Keyser & Co., 21 Cornhill, E.C.
131 1/2 Keyser & Co., 21 Cornhill, E.C.
132 1/2 Keyser & Co., 21 Cornhill, E.C.
133 1/2 Keyser & Co., 21 Cornhill, E.C.
134 1/2 Keyser & Co., 21 Cornhill, E.C.
135 1/2 Keyser & Co., 21 Cornhill, E.C.
136 1/2 Keyser & Co., 21 Cornhill, E.C.
137 1/2 Keyser & Co., 21 Cornhill, E.C.
138 1/2 Keyser & Co., 21 Cornhill, E.C.
139 1/2 Keyser & Co., 21 Cornhill, E.C.
140 1/2 Keyser & Co., 21 Cornhill, E.C.
141 1/2 Keyser & Co., 21 Cornhill, E.C.
142 1/2 Keyser & Co., 21 Cornhill, E.C.
143 1/2 Keyser & Co., 21 Cornhill, E.C.
144 1/2 Keyser & Co., 21 Cornhill, E.C.
145 1/2 Keyser & Co., 21 Cornhill, E.C.
146 1/2 Keyser & Co., 21 Cornhill, E.C.
147 1/2 Keyser & Co., 21 Cornhill, E.C.
148 1/2 Keyser & Co., 21 Cornhill, E.C.
149 1/2 Keyser & Co., 21 Cornhill, E.C.
150 1/2 Keyser & Co., 21 Cornhill, E.C.

**LONDON BANKERS—contd.**

- 121 1/2 Manchester & Liverpool District Banking Co., 75 Cornhill, E.C.
122 1/2 Martin & Co., 68 Lombard-st., E.C.
123 1/2 Maynard, Harris & Co., 126 Leadenhall-st., E.C.
124 1/2 McGregor, Sir C. & Co., 25 Cornhill, E.C.
125 1/2 McNeill, Ficks & Co., 75 Lombard-st., E.C.
126 1/2 Mercantile of Australia, 39 Lombard-st., E.C.
127 1/2 Mercantile of Sydney, 168 Leadenhall-st., E.C.
128 1/2 Merchant Banking Co. of London, 113 Cannon-st., E.C.
129 1/2 Metropolitan & Birmingham, 129 Cannon-st., E.C.
130 1/2 Morgan, J. S. & Co., 23 Old Broad-st., E.C.
131 1/2 Morten, R. & Co., Bartholomew-lane, Bartholomew-lane, E.C.
132 1/2 Morton, 22 Abchurch-lane, E.C.
133a. National, 156 Leadenhall-st., E.C.
133b. National, 13 Old Broad-st., 9 Charing Cross, E.C.
134 1/2 National of Australasia, 123 Bishopsgate-st. within
135 1/2 National of India, 47 Threadneedle-st., E.C.
136 1/2 National of New Zealand, 71 Old Broad-st., E.C.
137 1/2 National Provincial of England, 112 Bishopsgate-st., E.C.
138 1/2 National of Scotland, 37 Nicholas-lane, E.C.
139 1/2 New Central Bank, Corp., 40 Threadneedle-st., E.C.
140 1/2 New South Wales, 64 Old Broad-st., E.C.
141 1/2 New Zealand, 19 Queen Victoria-lane, E.C.
142 1/2 Ophemehl, E. L. & Co., 75 Old Broad-st., E.C.
143 1/2 Orams & Co., 189 Fleet-st., E.C.
144 1/2 Oram, Cave, Burton, Loder & Co., 62 Throgmorton-avenue, E.C.
145 1/2 Provincial of Ireland, 3 Throgmorton-avenue, E.C.
146 1/2 Queensland National Bank, 29 Lombard-st., E.C.
147 1/2 Reeves, Whitburn & Co., 27 Clement-lane, E.C.
148 1/2 Richardson & Co., 25 Suffolk-st., Pall-mall, S.W.
149 1/2 Roberts, Lubbock & Co., 15 Lombard-st., E.C.
150 1/2 Ross & Co., 80 Cornhill, E.C.
151 1/2 Rothschild & Sons, New-court, St. Switlin's-lane, E.C.
152 1/2 Romaine, 7 & 8 Gt. Winchester-st., E.C.
153 1/2 Royal of Queensland, 147 Gracechurch-street, E.C.
154 1/2 Royal of Scotland, 123 Bishopsgate-st. within
155 1/2 Royal of Sydney, 180 Lombard-st., E.C.
156 1/2 Ruffer & Sons, 39 Lombard-st., E.C.
157 1/2 Russian, 33 Lombard-st., E.C.
158 1/2 Samuel, Montagu & Co., 60 Old Broad-st., E.C.
159 1/2 Scott & Co., 30 Abchurch-lane, E.C.
160 1/2 Scotland, 43 Lombury, E.C.
161 1/2 Seyd & Co., 38 Lombard-st., E.C.
162a. Seyd & Co., Withers, 17 Gracechurch-st., E.C.
163 1/2 Shank, John, & Bank-buildings, Metropolitan Cattle Mkt., N.
164 1/2 Silver, S. W. & Co., 67 Cornhill, E.C.
165 1/2 Simmonds & Co., 11 Token-house-yard, E.C.
166 1/2 Smith, Payne & Smiths, 1 Lombard-st., E.C.
167 1/2 Société Générale, 38 Lombard-st., E.C.
168 1/2 South Australia, 31 Lombard-st., E.C.
169 1/2 Standard of Australia, Lombard House, George-yard, E.C.
170 1/2 Standard of South Africa, 10 Clement-lane, E.C.
171 1/2 Stillwell & Sons, 21 Gt. George-st., Westminster, E.C.
172 1/2 Straits, A. F. & R. W., 51a. Tarapaca & London, 3 Gracechurch-street, E.C.
173 1/2 Treves, A. F. & R. W., 51a. The Lion's Inn Fields, W.C.
174 1/2 Twining & Co., 215 Strand, W.C.
175 1/2 Union of Australia, 1 Bank-buildings, Lombury, E.C.
176 1/2 Union Deposit, 17 King William-st., E.C. [F.C.]
177 1/2 Union of London, 3 Princes-st., E.C.
178 1/2 Union of Scotland, 62 Cornhill, E.C.
179 1/2 Union Spanish and England, 21 Gt. Broad-st., E.C.
180 1/2 Vanables & Co., 29 Royal Exchange, E.C.
181 1/2 Watson & Co., 21 Abchurch-lane, E.C.
182 1/2 Watson & Co., 21 Leadenhall-lane, W.C.
183 1/2 Watson & Co., 21 Leadenhall-lane, W.C.
184 1/2 Webb & Sons, 73 Lombard-st., E.C.
185 1/2 Webb & Sons, 73 Lombard-st., E.C.
186 1/2 Webb & Sons, 73 Lombard-st., E.C.
187 1/2 Webb & Sons, 73 Lombard-st., E.C.
188 1/2 Webb & Sons, 73 Lombard-st., E.C.
189 1/2 Webb & Sons, 73 Lombard-st., E.C.
190 1/2 Webb & Sons, 73 Lombard-st., E.C.
191 1/2 Webb & Sons, 73 Lombard-st., E.C.
192 1/2 Webb & Sons, 73 Lombard-st., E.C.
193 1/2 Webb & Sons, 73 Lombard-st., E.C.
194 1/2 Webb & Sons, 73 Lombard-st., E.C.
195 1/2 Webb & Sons, 73 Lombard-st., E.C.
196 1/2 Webb & Sons, 73 Lombard-st., E.C.
197 1/2 Webb & Sons, 73 Lombard-st., E.C.
198 1/2 Webb & Sons, 73 Lombard-st., E.C.
199 1/2 Webb & Sons, 73 Lombard-st., E.C.
200 1/2 Webb & Sons, 73 Lombard-st., E.C.

**WEIGHTS & MEASURES.**

Table with 2 columns: Unit/Measure and Equivalent/Weight.

**Liquid Measures.**

- 60 Minims = 1 Droplet
- 120 Drops = 1 Drachm
- 240 Drops = 1 Pint
- 480 Drops = 1 Quart
- 960 Drops = 1 Gallon
- 1 Gai. Pure Water at 62° Fahr.
- 4 Galls = 1 Win.
- 6 Galls = 1 Bushel
- 4 Gals = 1 Quarter

**Beer, &c., Measure.**

- 9 Gals. = 1 Firkin
- 18 Gals. = 1 Hhd.
- 36 Gals. = 1 Barrel

**Wine Measure.**

- 1 Hoghead = 18 Pipes or Butts of 3 Qr. Casks each Butt 24 Gallons
- 1 Pipe of Port = 125 Gallons, or about 64 omen Bottles
- 1 Butt of Sherry 120 Gallons, or about 54 dozen Bottles
- 1 Butt of French Wine 46 Gallons, or about 21 dozen Bottles
- 1 Ann of Rhenish 30 Gallons, or about 15 doz. Bottles

**Dry Measures.**

- 4 Quarts = 1 Gallon 12 Sacks = 1 Chd.
- 12 Sacks = 1 Quarter
- 24 Sacks = 1 Last
- 48 Sacks = 1 Tun

**Avoidupoit Weight.**

- 27 1/2 Grains = 1 Drachm
- 54 Grains = 1 Ounce = 4771 grains
- 108 Grains = 1 Pound = 15740 grains
- 216 Grains = 1 Stone = 18228 grains
- 432 Grains = 1 Quarter = 36456 grains
- 864 Grains = 1 Cwt. = 72912 grains
- 1728 Grains = 1 Ton = 145824 grains

**Weight.**

- 16 Ounces = 1 Lib. avoirdupois
- 24 Ounces = 1 Pound
- 16 Pounds = 1 Stone
- 2 Stones = 1 Quarter
- 4 Quarters = 1 Cwt.
- 20 Cwts. = 1 Ton

**Woof Weight.**

- 1000 Yards = 1 Clove = 20 lbs.
- 2000 Yards = 1 Stone = 40 lbs.
- 4000 Yards = 1 Quarter = 80 lbs.
- 8000 Yards = 1 Pound = 160 lbs.
- 16000 Yards = 1 Cwt. = 320 lbs.
- 32000 Yards = 1 Ton = 640 lbs.

**Troy Weight.**

- 217 Grains = 1 Carat = 2 1/2 grains
- 24 Grains = 1 Pennywt. = 24 grains
- 48 Grains = 1 Dwt. = 48 grains
- 192 Grains = 1 Ounce = 192 grains
- Standard gold consists of 22 parts pure gold mixed and according to the quality of the alloy it is 18, 18, or 18 1/2. As that quantity of pure gold out of the twenty-four.

**Old Apothecaries' Weight.**

- 20 Grains = 1 Scruple = 1/20 Ounce
- 2 Scr. = 1 Drachm, 12 Ounces = 1 Pound

**Diamond Weight.**

- 16 Parts = 1 Grain (10th of Grain)
- 1 Grain = 1 Carat = 4 Grains

**Measure of Surface.**

- 144 Square Inches = 1 Square Foot
- 9 Square Feet = 1 Square Yard
- 30 1/2 Square Yards = 1 Acre
- 4840 Square Feet = 1 Acre
- 6400 Square Feet = 1 Acre
- 64000 Square Feet = 1 Acre

**Measure of Length.**

- 12 Lines = 1 Inch = 1/12 Foot
- 12 Inches = 1 Foot = 1/12 Yard
- 3 Feet = 1 Yard = 1/36 Yard
- 3 Feet = 1 Palm = 1/3 Foot
- 6 Feet = 1 Fathom = 1/100 Yard
- 6000 Feet = 1 Mile = 1/1760 Yard
- 1760 Feet = 1 Mile = 1/1760 Yard

**Measure of Solidity.**

- 1728 Cubic Inches = 1 Cubic Foot
- 27 Cubic Feet = 1 Cubic Yard
- 1 Acre of Ground = 160 Acres
- 1 Acre of Bricks = 360,000 Cubic Feet = 1 Shipping Ton

**ANGLO-FRENCH WEIGHTS AND MEASURES.**

**Weight.**

- 1 Cwt. = 200 Kilos
- 1 Kilo = 2 1/2 lbs.
- 1 Lb. = 454 Grams = 1 1/4 lbs.
- 1 1/2 Kilos = 3 1/2 lbs.
- 1 3/4 Kilos = 3 3/4 lbs.
- 1 7/8 Kilos = 3 7/8 lbs.
- 1 5/8 Kilos = 3 5/8 lbs.

**Measure.**

- 1 Metre = 39 1/4 Inches
- 1 Yd. = 91.44 Centimetres
- 1 1/2 Metres = 39.37 Inches
- 1 3/4 Metres = 47.24 Inches
- 1 7/8 Metres = 50.29 Inches
- 1 5/8 Metres = 50.29 Inches

**Liquid Measure.**

- 1 Litre = about 1 Imperial Gals.
- 1 Decalitre = 10 Litres = 2 1/2 Imp. Gals.
- 1 Hectolitre = 100 Litres = 22 1/2 Imp. Gals.
- 1 Kilolitre = 1000 Litres = 220 1/2 Imp. Gals.



# CONCISE DIRECTORY.

We have inserted this short Directory for the use of our Subscribers, under the impression that it will prove of utility to country and foreign residents, who may desire to communicate with a *respectable firm* in any particular Trade or Profession, and have no means at hand of knowing whom to address.

## ADVERTISEMENT CONTRACTOR—

For all Newspapers and Magazines,  
James William Vickers,  
5 Nicholas Lane, Lombard St., E.C.  
Telephone No. 1303.  
Telegraphic Address: "Koltzo, London."

## ART CURTAIN MANUFACTURERS—

Tapestries, Silks, Velvets, &c.—  
John & James Simpson & Co.,  
134 Queen Victoria Street, and  
1, 2, 3 and 4, Peter's Hill, E.C.

## ART FURNITURE MANUFACTURERS—

Oetzmann & Co.,  
67 to 79 Hampstead Road, London.

## ARTISTS COLOURMEN & PENCIL MAKERS—

Telegraphic address: "George Rowney,  
London."  
George Rowney and Co.,  
10 and 11 Percy Street, W.,  
64 Oxford Street, W., and  
190 and 192 Piccadilly, W.

## BIBLES AND PRAYER BOOKS—

Henry Frowde,  
Oxford University Press Warehouse,  
Amen Corner, London.  
(Wholesale and Export only.)

## BICYCLE AND TRICYCLE MANUFACTURERS—

Hillman, Herbert and Cooper, Limited,  
14 Holborn Viaduct,  
London, E.C.  
Works: Coventry.  
Telegraphic address: "Premier, Coventry,"  
"Tricycles, London."

## BLIND MAKERS—

Every description of Inside and Outside  
Blinds—  
Fuller & Co.,  
London Bridge Blind Works,  
London Bridge, S.E.

## BREAD, BISCUIT, CONFECTIONERY AND CHOCOLATE MACHINERY—

Joseph Baker & Sons,  
Engineers and Patentees,  
58 City Road, London, E.C.  
Highest Awards ever given. 15 Gold Medals.  
Cable and Telegraphic address: "Bakers,  
London."

## BRICKS, TERRA METALLIC ROOF AND PAVING TILES, & SANITARY VARIETY—

Hartshill Brick and Tile Co.,  
(J. & T. Birks.) Stoke-upon-Trent,  
Staffordshire.

## CARRIAGE BUILDERS—

Offord & Sons, Limited,  
67 George Street, Portman Square,  
92 and 94 Gloucester Road, South  
Kensington, 30 Fulham Road,  
Thurloe Square, London, S.W.  
(Catalogues free.)  
Telephone Nos. 7099 and 8642.

## CHURCH FURNITURE, STAINED GLASS, &c., &c.—

Cox, Sons, Buckley & Co.,  
29 Southampton Street, Strand,  
London, W.C., and 8 East 16th Street,  
New York, America.

## CLERICAL OUTFITTER AND ROBE MAKER—

John Seary,  
13 New Oxford Street,  
London, W.C., also at Oxford.

## COLONIAL AND INDIAN AGENTS AND GENERAL MERCHANTS—

James Porter & Co.,  
11 Queen Victoria Street, E.C.  
(Indents promptly executed.)

## CONCERTINA MANUFACTURERS—

(English & Duet Patent & Anglo-German)  
Lachenal & Co., Little James Street,  
Gray's Inn Road, London, W.C.

## CONTINENTAL HARDWARE—

(Dress, Hosiery, Glass, Fancy Goods,  
Produce, and Liquids. Merchant, Com-  
mission, Shipping, and Insurance  
Agent)—  
C. H. W. Dreyer,  
Hamburg,  
Germany.

## CORBET MANUFACTURERS—

W. S. Thomas & Co., Limited,  
40 Old Bailey, London, E.C.,  
Makers of the Celebrated Glove-fitting  
Corsets at popular prices. Annual  
Sales One Million pairs.  
Approved by the whole polite world.  
Nine first Medals. Write for Illustrated  
Lists. Also all kinds of Ladies' and  
Gents' Hosiery in Cotton and Wool.

## ELECTRIC LIGHT SUPPLY, TELEPHONE AND BELL MANUFACTURERS—

Woodhouse & Rawson United Limited,  
88 Queen Victoria Street, E.C.  
Works: London, Manchester, Kids-  
grove, and Chiswick.  
Telegrams: "Woodhouse, London."  
Telephone No. 1978.

## ENGRAVER—

Thomas Moring, 1st Avenue Hotel  
Buildings, High Holborn, W.C.  
(Established 1791).

## GINGER ALE AND OTHER AERATED WATER MANUFACTURERS—

Wm. Corry & Co.,  
Cromac Springs, Belfast, Ireland.  
Gold Medalists & Patentees.  
Established 1850.

## HARNES MAKERS—

Offord & Sons, Limited,  
67 George Street, Portman Square;  
92 and 94 Gloucester Road, South  
Kensington; 30 Fulham Road,  
Thurloe Square, London, S.W.  
(Catalogues free.)  
Telephone Nos. 7099 and 8642.

## HATTER—

(To the Royal Family.)  
Arthur James White,  
(Hat and Cap Maker),  
74 Jermyn Street, St. James',  
London, S.W.

## HOSPITALS (HOME)—

(Middle Class) for Paying Patients,  
Fitzroy House, 16 & 17 Fitzroy Square,  
London, W.

## INDIA RUBBER MANUFACTURERS—

Chas. Macintosh & Co., Limited,  
30 Fore Street, London, E.C.  
176 Buchanan Street, Glasgow.  
Works: Cambridge Street,  
Manchester.

## LAWN TENNIS, CRICKET AND GENERAL SPORTS MANUFACTURERS—

Lunn & Co.,  
Oxford Circus, 257, Regent Street,  
London, W.  
Telegrams: "Muscular, London."

## MEDICAL ELECTRICIANS—

The Medical Battery Co., Limited,  
52 Oxford Street, London, W.  
Sole Proprietors of C. B. Harness'  
World-famed Electropathic Belt.  
Pamphlet Free.

## MINERAL WATERS—

Messrs. J. Schweppe & Co., Limited,  
51 Berners Street, London; also  
Margaret Street, Sydney.  
Temple Court, Melbourne.  
Telephone No. (London) 3529  
Telegraphic address: "Celebrated,  
London."  
Manufacturers to Her Majesty the Queen.

# CONCISE DIRECTORY—*continued.*

**MUSICAL BOX MANUFACTURERS—**  
C. Paillard & Co.,  
62 Holborn Viaduct, London.

**MUSIC PUBLISHERS—**  
Edwin Ashdown, Limited,  
Hanover Square, London, W.

**NEO-CYCLOSTYLE COPYING APPARATUS—**  
Sole Patentees and Manufacturers,  
The Cyclostyle Co.,  
34 Snow Hill, Holborn Viaduct,  
London, E.C.  
(Also patentees of the Neo-Cyclostyle  
process for duplicating Typewriting.)  
Telegrams: "Cyclostyle, London."

**NEWSAGENTS—(ENGLISH & FOREIGN)**  
Cowie and Co. (Established 1710),  
17 Gresham Street, E.C.  
Papers forwarded by the early  
morning and evening mails to  
all parts of the world.

**OIL ENGINES AND DREDGERS  
MANUFACTURERS—**  
Priestman Brothers, Limited,  
73a Queen Victoria Street,  
London, E.C., and Hull.  
Telegraphic address: "Priestman, London."  
First Prize awarded for small farmers'  
Motor, Plymouth, 1890.

**OUTFITTER (UNIVERSAL), &c.—**  
William Whiteley,  
31 to 55 Westbourne Grove;  
50 to 53 Kensington Gardens Square;  
and 147 to 159 Queen's Road,  
Bayswater, W.

**OVENS—**  
Joseph Baker and Sons,  
Engineers and Patentees,  
58 City Road, London, E.C.  
Highest awards ever given. 15 Gold Medals.  
Cable and Telegraphic address: "Bakers,  
London."

**PAPERHANGINGS (ORIGINAL MAKERS)—**  
Artistic Wall Papers, free from arsenic.  
Wm. Woollams and Co.,  
Sole address: 110 High Street,  
Near Manchester Square,  
London, W.

**PERFUMERS AND FANCY SOAP  
MAKERS—**  
The Crown Perfumery Company,  
177 New Bond Street, London.  
Perfume Distillers and Manufacturers  
of high-class Toilet Soaps.  
Sole Makers of the celebrated  
"Crab Apple Blossoms" per-  
fume and the Invigorating  
Lavender Salts.  
Thirteen Prize Medals awarded for excel-  
lence of quality.

**PHOTOGRAPHIC APPARATUS MANERS.—**  
Perken, Son & Rayment,  
99 Hatton Garden, London, E.C.  
Trade Mark: "Optimus."  
Telegraphic address: "Optimus, London."

**PHOTOGRAPHIC CHEMICAL—**  
"Pall Mall" Dry Plates, and Collodion  
Manufacturers,  
R. W. Thomas & Co., Limited,  
10 Pall Mall, S.W.

**PLASTER OF PARIS—**  
Gypsum, Terra Alba, Keene's & Parian  
Cement Manufacturers,  
Cafferata & Co.,  
Beacon Hill,  
Newark-on-Trent, Notts.

**PRINTING MATERIALS EXPORTERS—**  
John Haddon & Co.,  
3 & 4 Bouverie Street,  
Fleet Street, London, E.C.  
Established 1814.  
Illustrated Catalogue post free  
on application.

**PUBLISHERS AND GENERAL AGENTS—**  
General and Buying Agents,  
John Haddon & Co.,  
3 & 4 Bouverie Street,  
Fleet Street, London, E.C.  
Established 1814. References to clients in  
all parts of the world.

**SAFES, IRON AND STEEL DOORS—**  
Frederic Whitfield & Co.,  
66 Holborn Viaduct, London,  
Works: Oxford Street, Birmingham.

**SALT—FOR THE TABLE, THE BATH, AND  
THE GARDEN—**  
D. Burnsted & Co.,  
36 King William Street,  
London Bridge.

**SANITARY ENGINEER—**  
George Jennings,  
Lambeth Palace Road, London, S.E.  
Telephone No. 4650.  
Telegraphic Address: "Jennings, London."

**SEED GROWERS AND MERCHANTS—**  
Sutton and Sons, Reading.  
Seedsmen by Royal Warrants to Her  
Majesty the Queen and H.R.H. the  
Prince of Wales. Farm and Gar-  
den Seeds selected and packed for  
all parts of the world.

**SHIRT TAILORS, HOSEIERS & GLOVERS—**  
Sampson & Co.,  
Sole Makers of the Surplice Shirt,  
Priced Illustrated Catalogues sent on  
application.  
268 & 270 Oxford Street, London.  
Telegraphic address: "Surplice, London."

**SIGN AND GLASS WRITER AND HERALD  
PAINTER LETTER MAKER, &c.—**  
Geo. Atkinson,  
24 and 25 Clipstone Street,  
Fitzroy Square, London, W

**STOCK & SHARE DEALER—**  
John Shaw,  
Wardrobe Chambers,  
Doctors Commons, London, E.C.,  
and branches.  
Telephone No. 1578. Telegraphic address:  
John Shaw, London.

**TAILOR, TENNIS, AND CRICKET  
OUTFITTER—**  
John Piggott,  
117 Chapside and Milk Street,  
London, E.C.  
Trade Mark, registered: "My Tailor."  
Illustrated Price List post free.

**TOILET ARTICLES—**  
Rowland's Macassar Oil for strengthening  
the Hair; Kalydor for beautifying the  
Complexion; Odonto for whitening  
the Teeth.  
A. Rowland & Sons,  
20 Hatton Garden, London.

**TYPEWRITERS—**  
Remington-Standard. (New Model.)  
All kinds of Typewriter Supplies.  
Wyckoff, Seannans & Benedict, Proprietors,  
100 Gracechurch Street, London, E.C.  
Telegraphic address: "Wyckoff, London."  
Telephone No. 2464.

**UMBRELLA MANUFACTURER AND  
RECOVERING—**  
(Patronised by Royalty.)  
J. B. Parker,  
Broom Close, Sheffield.

**VENTILATING ENGINEERS—**  
Blackman Ventilating Company Limited,  
63 Fore Street, London, E.C.  
Telegraphic address: "Ventilator, London."  
Speciality: Mechanical Ventilating and  
Drying.

**VINEGAR MAKERS—**  
Champion & Co., Ltd.,  
Works: City Road, London, E.C.