# THE CALENDAR.

| | | | |
|---|---|---|---|
| Golden Number | 10 | Dominical Letter | **A** |
| Epact - - | 9 | Roman Indiction | 14 |
| Solar Cycle | 4 | Julian Period | 6584 |

### FIXED AND MOVEABLE FESTIVALS AND ANNIVERARIES.

| | | | | | |
|---|---|---|---|---|---|
| New Year's Day * | Jan. | 1 | Pentecost—Whit Sunday | May | 28 |
| Epiphany | " | 6 | Trinity Sunday | June | 4 |
| Septuagesima Sunday - | Feb. | 5 | Corpus Christi * - - | " | 8 |
| Quinquagesima, Shrove Sunday | " | 19 | Accession of Queen Victoria | " | 20 |
| Ash Wednesday - - | " | 22 | Proclamation - - - | " | 21 |
| Quadragesima, 1st Sunday in Lent, | " | 26 | St. John Baptist—Midsummer Day | " | 24 |
| St. David | March | 1 | St. Peter and St. Paul * - - | " | 29 |
| St. Patrick - | " | 17 | Dominion Day - | July | 1 |
| Annunciation, Lady Day* | " | 25 | St. Michael—Michaelmas Day | Sept. | 29 |
| Palm Sunday - - | April | 2 | All Saints - - - | Nov. | 1 |
| Good Friday | " | 7 | Birth of Prince of Wales - | " | 9 |
| Easter Sunday | " | 9 | St. Andrew | " | 30 |
| Low Sunday - | " | 16 | First Sunday in Advent - | Dec. | 3 |
| St. George | " | 23 | Conception of the Virgin Mary * | " | 8 |
| Rogation Sunday - - - | May | 14 | St. Thomas - - | " | 21 |
| Ascension Day—Holy Thursday * | " | 18 | Christmas Day * - | " | 25 |
| Birth of Queen Victoria - | " | 24 | St. John the Evangelist | " | 27 |

The feasts and anniversaries marked with an asterisk (*), as well as thanksgiving or fast days fixed by proclamation, are legal holidays in the Province of Quebec.

The only legal holidays in the Province of Ontario are New Year's Day, Christmas Day, Good Friday, Easter Monday, the Queen's Birthday, and any day set by proclamation.

The year 5632 of the Jewish Era commences on September 16th, 1871.

The year 1288 of the Mohammedan Era commences on March 23rd, 1871.

The 35th year of Queen Victoria's reign commences June 20th, 1871.

The 96th year of the Independence of the United States commences July 4th, 1871.

The 5th year of the Dominion of Canada commences July 1st, 1871.

On pp. 2, 3, 4 of the Calendar are given the civil local times at which the upper limb of the sun appears to rise and set at a central station in Lat. 45° N. and Long. 4h. 46m. W., allowance for refraction having been applied to the true times of rising and setting.

The times of sunrise in any latitude from Lat. 42° to Lat. 50° may be found with sufficient accuracy by applying with their proper signs the corrections given in the following table.

The same corrections, *with their signs changed*, are applicable for finding the times of sunset.

| LATITUDE. | 42° | 42° | 44° | 45° | 46° | 47° | 48° | 49° | 50° |
|---|---|---|---|---|---|---|---|---|---|
| | m. | m. | m. | m. | m. | m. | m. | m. | m. |
| January 1—15 - | −10 | −7 | −3 | 0 | +4 | +7 | +11 | +15 | +20 |
| " 16—31 - | 8 | 6 | 3 | 0 | 3 | 6 | 9 | 13 | 16 |
| February 1—14 - | 6 | 4 | 2 | 0 | 2 | 5 | 7 | 10 | 12 |
| " 15—28 | 4 | 3 | 1 | 0 | 1 | 3 | 5 | 6 | 8 |
| March 1—15 - | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 3 | 4 |
| " 16—23 - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| " 24—31 | +1 | +1 | +0 | 0 | −0 | −1 | −1 | −2 | −2 |
| April 1—15 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| " 16—30 | 5 | 4 | 2 | 0 | 2 | 4 | 6 | 8 | 10 |
| May 1—15 | 7 | 5 | 3 | 0 | 3 | 5 | 8 | 11 | 14 |
| " 16—31 | 9 | 6 | 3 | 0 | 3 | 7 | 10 | 14 | 18 |
| June 1—30 | 11 | 7 | 4 | 0 | 4 | 8 | 12 | 16 | 21 |
| July 1—15 | 10 | 7 | 4 | 0 | 4 | 8 | 12 | 16 | 20 |
| " 16—31 - | 9 | 6 | 3 | 0 | 3 | 7 | 10 | 14 | 17 |
| August 1—15 | 7 | 5 | 2 | 0 | 2 | 5 | 8 | 10 | 13 |
| " 16—31 | 5 | 3 | 2 | 0 | 2 | 3 | 5 | 7 | 9 |
| September 1—18 - | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 3 | 4 |
| " 19—27 - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| " 28 October 15 | −2 | −1 | −1 | 0 | +1 | +1 | +2 | +3 | +4 |
| October 16—31 - | 5 | 3 | 2 | 0 | 2 | 3 | 5 | 7 | 9 |
| November 1—15 - | 7 | 5 | 3 | 0 | 3 | 5 | 8 | 11 | 14 |
| " 16—30 - | 9 | 6 | 3 | 0 | 3 | 7 | 10 | 14 | 17 |
| December 1—31 | 11 | 7 | 4 | 0 | 4 | 8 | 12 | 16 | 21 |
| LATITUDE. | 41° | 43° | 44° | 45° | 46° | 47° | 48° | 49° | 50° |

The corrections to the times of rising due to the change in the declination of the sun during the interval between the times of rising in the different longitudes are very small, and may be disregarded.

### THE MOON.

The times at which the moon rises are given from full to change and the times of setting from change to full. They are computed for the moon's centre and for a station in Lat. 45° N., and Long. 4h. 46m. W. The corrections for *Latitude* to be applied to the times given in the calendar in order to find the times at which the moon rises or sets at other stations may be found *approximately* from Latitude 42° to Latitude 48° by multiplying the numbers in the adjoining column by the number of degrees by which the latitude of the station exceeds 45°. The corrections for Latitudes 49° and 50°