- 32. Calendar;-Gregorian Calendar.
- 33. Cause of inequality in the duration of day and night.
- 34. Duration of day in arctic regions.

35. Seasons; cause; unequal length.

VI.

- 36. Moon ; its light ; motion round the earth.
- 37. Lunar month; lunar day.
- 38. Distance of the moon from the earth.
- 39. Radius and size of the moon.
- 40. Mass and density of the moon.
- 41. Phases of the moon.
- 42. Rotatory motion of the moon.
- 43. Mountains and valleys of the moon.
- 44. Atmosphere and climate of the moon.
- 45. Tides and their cause.

VII.

- 46. Eclipses of the sun and moon ;—cause.
- 47. Difference in these eclipses.
- 48.Umbra and penumbra.
- 49. Conditions necessary to produce an eclipse.
- 50. Partial, total and annular eclipse.

VIII.

- 51. Planets; difference between planets and fixed stars.
- 52. Inferior and superior planets.

53. Names of the principal planets.

54. Universal principle of gravitation.

- 55. Particulars about Mercury.
- 56. Particulars about Venus.
- 57. Particulars about Mars.
- 58. Particulars about Jupiter.
- 59. Particulars about Saturn.
- 60. Particulars about Uranus.
- 61. Particulars about Neptune.
- 62. Asteroids.
- 63. Comets.-Nucleus.-Envelope.-Tail.