(1) 15

(2) 3.14×10^{-3} T

(3) 2Ω

(4) $\frac{2m}{2} + \frac{m}{2}$

(5) 1.0

(6) $m^1 L^2 T^{-2} A^{-2}$

(7) Clockwise (ساعة)

(8) 1.2 mC

(9) 45°

(10) $\frac{Q_0}{\sqrt{2}}$

(11) 0.71

(12) $\vec{E} \times \vec{B}$

(13) 400 THz to 700 THz

(14) 1 (Refractive Index)
(Seconds)

(15) Concave lens of
focal length − 25 cm

(16) 4 minutes

(17) 60 m

(18) 1 : 1

(19) 105 cm

(20) 1.53 A°

(21) Electron (إلكترون)

(22) 2×10^{20}

(23) 6563 A°

(25) 15 years (15 سنة)

(26) 0.672×10^{-13}

(27) $\ln 2$

(28) NAND

(29) 1000

(30) 1.8

(31) Zero

(32) C Charge

(33) 2.2×10^{12}

(34) 22 Volt

(35) 0 J

(36) $3 \times 10^6 \frac{V}{m}$ (Grace)

(37) $kg^{-1} s^2 A$

(38) Maximum when
Betty is connected
$1\,cm \times \frac{1}{2}\,cm$ faces

(39) 1.92

(40) The electron will
continue to move with
uniform velocity along
the axis of Solenoid

(20 سنة)