Negative point charge in a Faraday case. A negatively charged small body is situated inside an uncharged spherical metallic shell. The distribution of induced charges on the outer surface of the shell can be represented as in

(A) Fig. Q1.17(a)
(B) Fig. Q1.17(b)
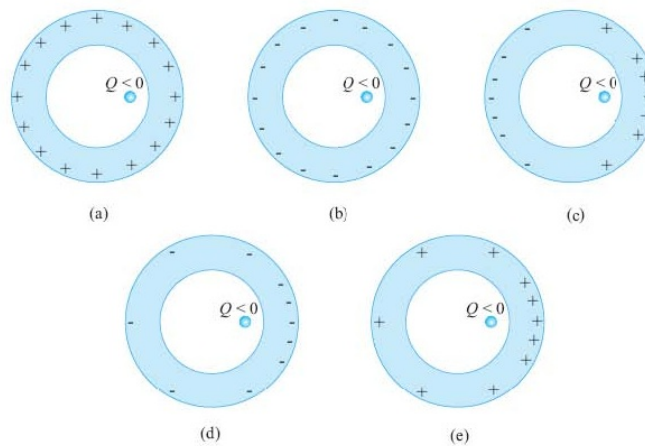(C) Fig. Q1.17(c)
(D) Fig. Q1.17(d)
(E) Fig. Q1.17(e)

Figure Q1.17 Negative point charge in an uncharged spherical metallic shell; for Question 1.23.

Solution: (B)
Answer: (B)