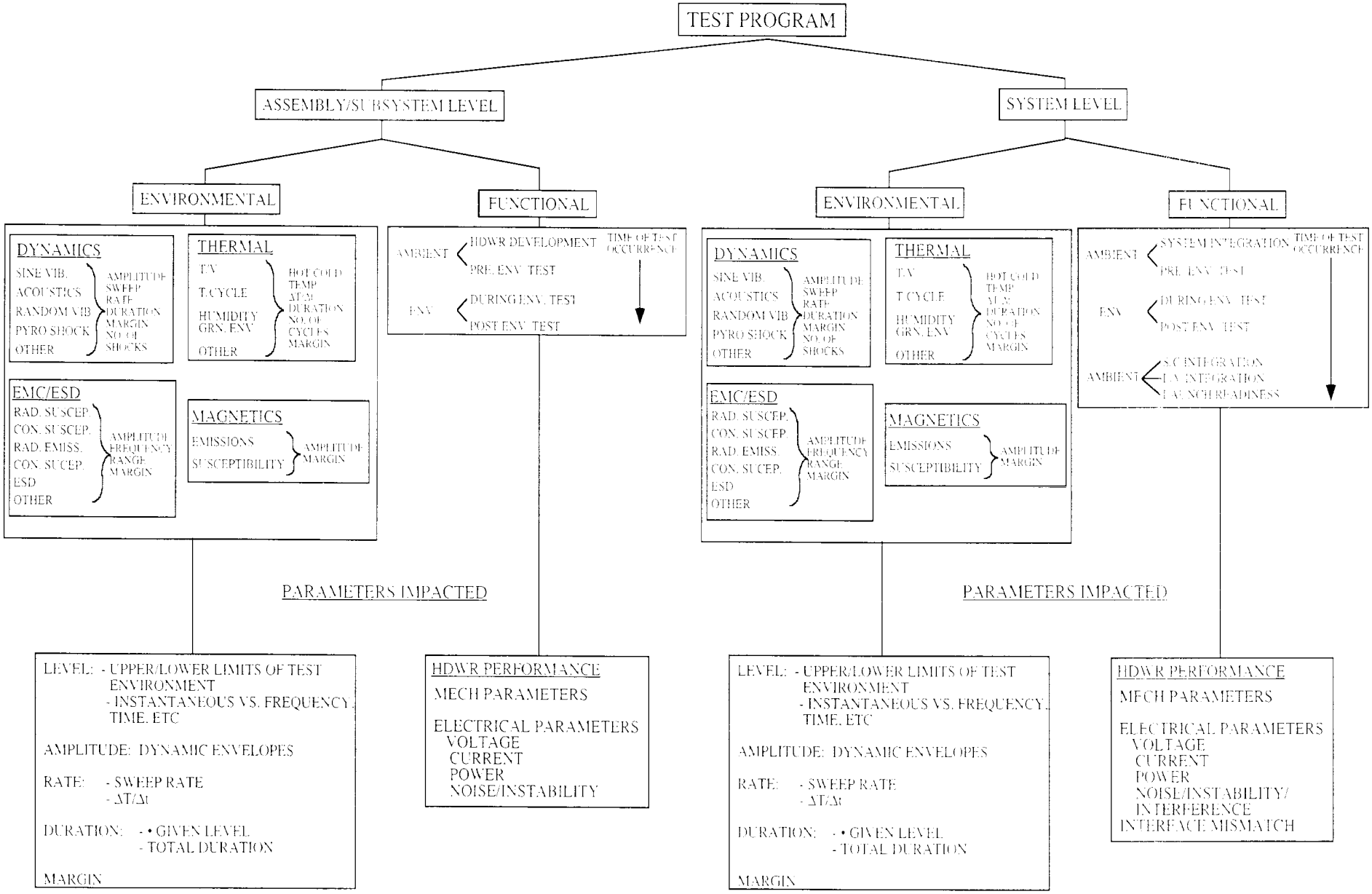FIGURE 1. TEST PROGRAM