

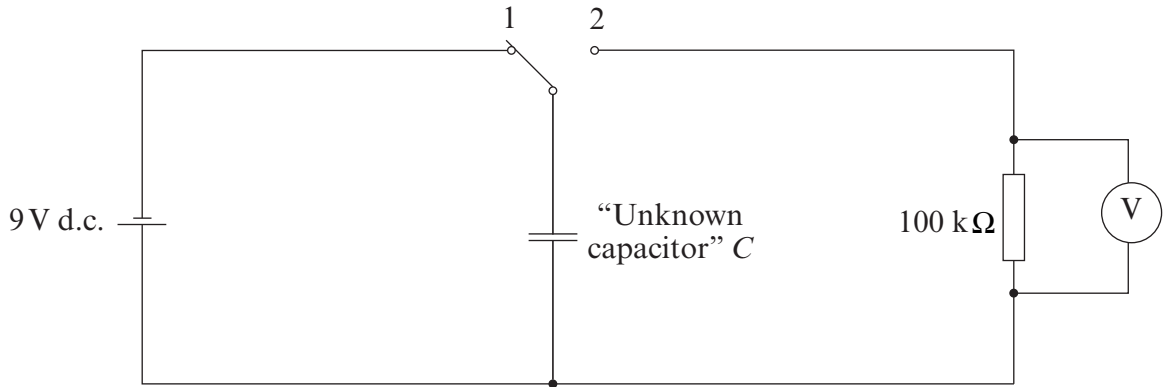
INFORMATION SHEETS FOR TEST 1

Sufficient copies of these information sheets should be made in advance.

The **Information sheet 1(a)** required depends upon the apparatus available:
If candidates are to use a two way switch, the following information sheet is appropriate:

INFORMATION SHEET 1(a):

The circuit should be set up as follows:



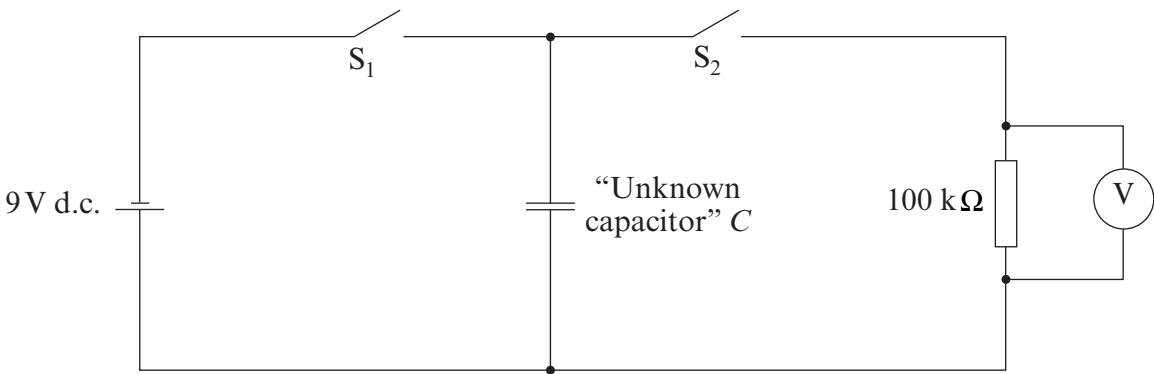
When the switch is in position 1, the capacitor charges. By switching to position 2, the capacitor discharges through the resistor.

Test 1

If candidates are provided with two press-to-make switches, the following information sheet may be used:

INFORMATION SHEET 1(a):

The circuit should be set up as follows:



When switch S_1 is pressed, the capacitor charges. When S_1 is released and S_2 is pressed the capacitor discharges through the resistor

Test 1