

FIELD ENGINEERING AIDE (7228) - 2017
ALLOWABLE CALCULATORS FOR WRITTEN TEST

Each candidate may bring one hand-held, non-programmable, non-qwerty, self-contained scientific calculator for use during the written test. A voltage supply **will not** be available in the examination room. A cellular phone with calculator functions **will not** be allowed.

Calculator guidelines:

- During the test, only scientific calculators may be used.
- During the test, only scientific calculators that are **not** programmable may be used. Programmable calculators may be identified by their alphanumeric capabilities or QWERTY keys.

Alphanumeric or QWERTY keys are the keys on a calculator's keyboard that consist of the alphabet letters A to Z.

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SAMPLES

Non-Programmable scientific calculators - ALLOWED

Modern scientific calculators generally have more features than a standard four or five-function calculator. Although the feature set differs between manufacturers and models, the defining features of a scientific calculator include scientific notation and trigonometric functions (e.g., **hyp**, **sin**, **cos**, and **tan** keys).

Some non-programmable scientific calculators may have a **limited number** of alphanumeric keys (e.g., **A** to **F**; **X**, **Y**, **M**). They do not feature keys with the full alphabet (**A** - **Z**). See the example below of an acceptable non-programmable, non-QWERTY scientific calculator:

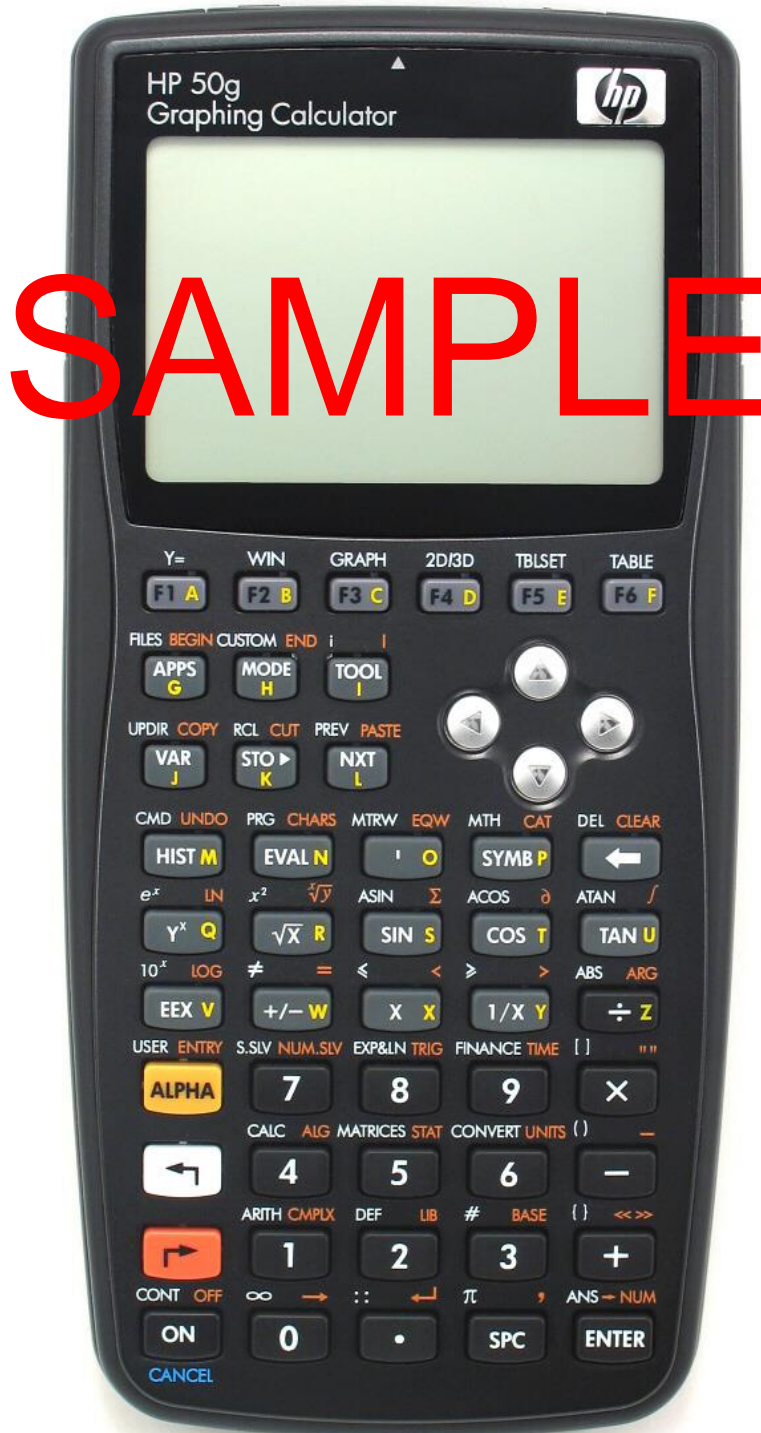
Casio fx-350MS
Non-Programmable Scientific Calculator



Programmable calculators – NOT ALLOWED

Programmable calculators are capable of storing text or alphanumeric data input by a user, and are also capable of external communication or internet connectivity. **Programmable calculators display the full alphabet (from A to Z) on their keys.** These calculators are **NOT** allowed during the written test. See example below:

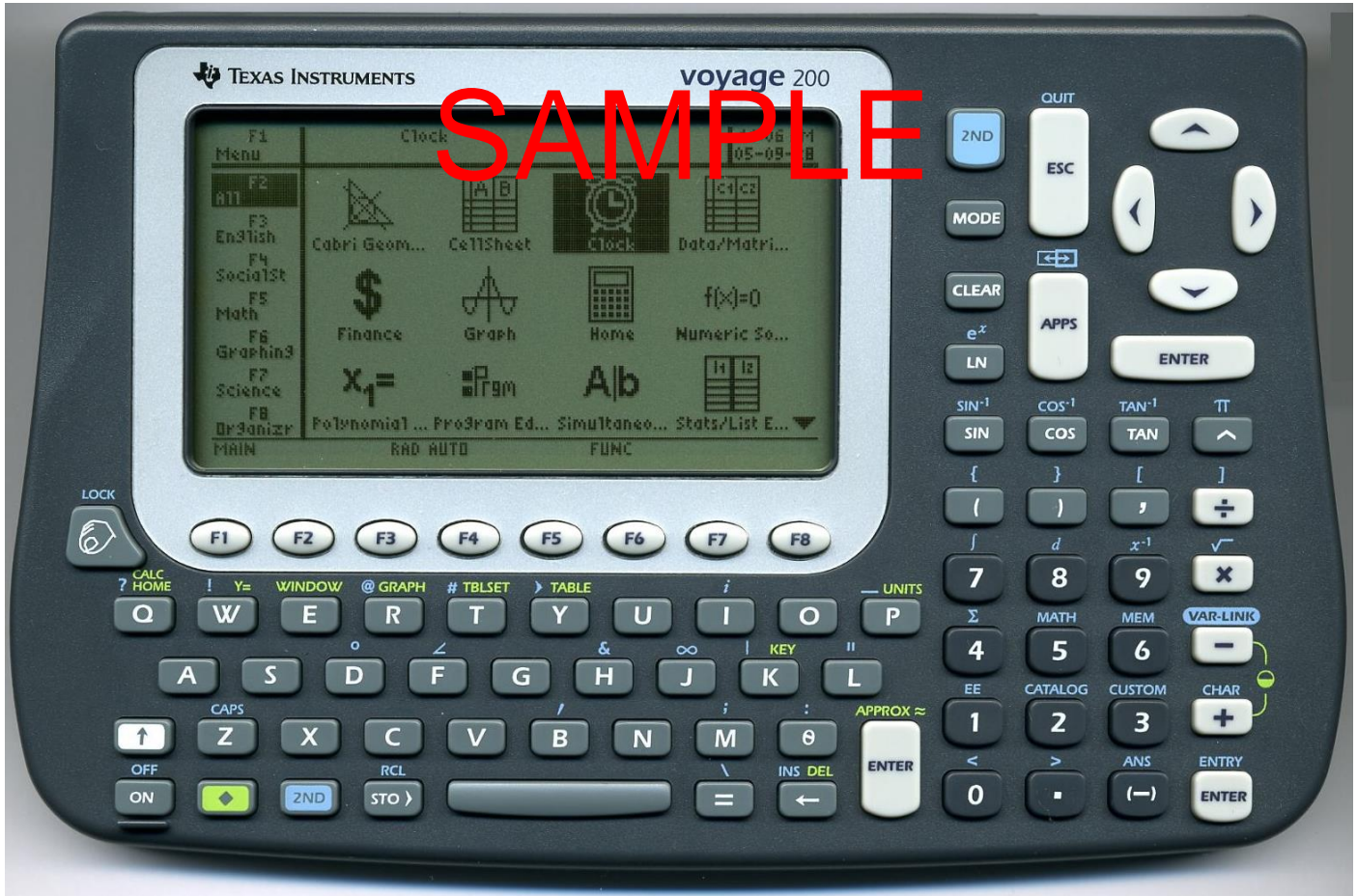
**HP 50g
Programmable Graphing Calculator**



Calculator with QWERTY keys – NOT ALLOWED

Calculators with **QWERTY** keys also display the full alphabet (from A to Z) on their keys. These calculators are **NOT** allowed during the written test. See example below:

**Texas Instruments
Voyage 200 Calculator**



NOTE: ALL CALCULATORS LISTED IN THIS DOCUMENT ARE PROVIDED AS SAMPLES ONLY, AND DO NOT REPRESENT A COMPREHENSIVE COVERAGE OF THE CALCULATORS ALLOWED AND PROHIBITED DURING THE FIELD ENGINEERING AIDE WRITTEN TEST.