

HP Calculator Quiz

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This is a quiz devised by Richard Nelson to provide a bit of fun at conferences. We present it here to give readers something to do after finishing their Christmas pudding. Answers are given further in this issue.

(1) How many internal digits of π are required (used) for an HP 12 Digit calculator (HP48/49) to produce accurate Trig. Functions?

A: 15 Digits B: 19 Digits C: 25 Digits D: 31 Digits
E: None of the above:

(2) How many HP-41's are estimated to have been sold during its 10 year product life?

A: 100,000 B: 250,000 C: 500,000 D: 750,000 E: 1,000,000
F: > 1,000,000

(3) Is the student the primary market (>80% machines sold) for calculators?

A: No B: Yes C: It doesn't have to be.

(4) What HP calculator model number has been used by HP three or more times?

A: HP-10 B: HP-32 C: HP-41 D: HP-85 E: HP-94
F: All of the above.

(5) What HP calculator model number was used four or more times?

A: HP-10 B: HP-32 C: HP-85 D: HP-94 E: None of the above.

(6) What feature/quality is *not* a requirement for an HP calculator?

A: Key per function B: Handheld C: Convenient D: Reliable
E: Accurate F: Fast G: Programmable H: Customizable I: Expandable
J: I/O K: Cheap

(7) Based on a pre-approved US IEEE computational standard, what is the "most accurate" HP Calculator?

A: HP-28 B: HP48 C: HP49 D: HP-71 E: All of the above
F: None of the above

(8 & 9) Two HP calculator models were produced for a very specific market. What are the applications these machines addressed? (Two answers)

A: Surveying B: Medical students C: Computer Science
D: Mortgage Banking E: Statistics students F: Chemistry
G: Investing and bonds H: None of the above.

(10 & 11) What are the model numbers of the machines in question (8 & 9)?

A: _____ B: _____

(12) What HP calculator models used a built-in printer?

A: HP-10A B: HP-19C C: HP-91 D: HP-92 E: HP-97
F: HP-97S G: All of the above H: None of the above

(13) Which calculator user interface(s) or Logic System(s) have been used in calculators made by HP?

A: Arithmetic (no logic) B: Algebraic C: RPN D: Command Line
E: All of the above.

(14) Which calculator model number was not used by HP for a calculator?

A: HP-10 B: HP-11 C: HP-12 D: HP-13 E: HP-14
F: HP-15 G: HP-16 H: None of the above.

(15) HP designed many machines that were never put into production. Which programmable model had its Owner's Manual printed and was advertised in catalogs complete with photographs but was cancelled at the last minute?

A: HP-70 B: HP-75 C: HP-80 D: HP-85 E: HP-90 F: HP-95
G: None of the above.

(16) HP uses code names for unannounced calculator products because:

A: It was a special privilege for the product manager to name the project.
B: Marketing preferred names, engineering preferred numbers.
C: A name facilitates non-disclosure agreements and confidential communication with vendors.
D: It gives the product a human identity.
E: None of the above

(17) Which HP calculator model *did not* use a magnetic card reader?

A: HP-65 B: HP-67 C: HP-71 D: HP-75 E: HP-92 F: HP-97
G: HP-9100 H: All of the above used a magnetic card reader.

(18) Which HP calculator model does not belong in this series?

A: HP-10B B: HP-14B C: HP-17B D: HP-20C E: HP-20S F: HP-21S
G: HP-22S H: HP-27S I: HP-32S J: HP32SII
K: They are all models in the same series.

(19) What is the name of the series described in (18)? _____

(20) What is the only calculator model that is the same machine but was redesigned to change the user interface from a menu interface to a prefix key interface? _____

Each question is worth 5%. Check against the answers and determine your HP Calculator knowledge "rating".