

Easy

Assistant Engineer (Electrical), Class 2025

Building Department

DAA instruction is used to perform which type of addition?

A

BCD addition

Correct

B

Excess-3 addition

C

Binary addition

D

Octal addition

Correct Answer: A

Full Detailed Explanation

Concept & Reasoning The processor performs ordinary binary addition first. DAA then examines the lower nibble/auxiliary carry and upper nibble/carry and conditionally adds 06H and/or 60H.

This produces a valid two-digit packed BCD result.
How to Solve It in the Exam DAA = Decimal Adjust after Addition.
Important Exam Point DAA does not itself perform decimal addition; it corrects the accumulator after binary addition.
Related Revision Path This question sits in the revision path Microprocessors and Interfacing → 8085 Microprocessor → Instructions .

Open live question on website:

<https://sarkariresultout.com/pyq/question/gpsc-ae-electrical-q215-daa-instruction/>