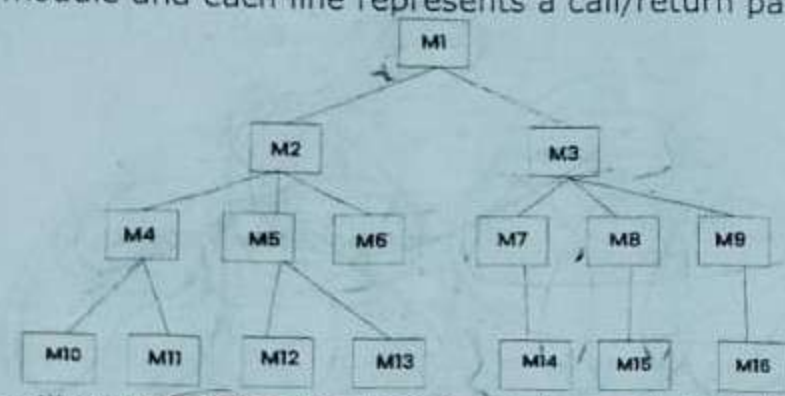


[2 + 3 + 2 + 3 = 10]

The diagram below shows the call-and-return architecture of a Café Management System (CMS). Each box represents a module and each line represents a call/return path between modules.



9

- How many stubs will be needed in the top-down, breadth-first incremental integration testing of CMS? 15 2
- What will be done in the last stage of top-down, breadth-first incremental integration testing of CMS?  
[Answer with respect to testing type(s) (unit, integration, etc.) applied to a single module or sets of modules.]
- How many drivers will be needed in the bottom-up, breadth-first incremental integration testing of CMS? 8 2
- What will be done in the last stage of bottom-up, breadth-first incremental integration testing of CMS?  
[Answer with respect to testing type(s) (unit, integration, etc.) applied to a single module or sets of modules.]

[10 + 10 = 20]

9

Use ECP and BVA to fill out the following two tables for black-box testing of the tuition waiver calculation module. Use **minimum** test cases in the last table.

Variable	Valid ECs	Representing values		Invalid ECs	Representing values for Invalid ECs
		For valid ECs	Boundary values		
Income Class					
Gender					
CGPA					

[illegible]