

Sec-3

Q-2

* Static scope \Rightarrow Is also called lexical scoping in this scoping available always refers to if top level environment.

* dynamic scope \Rightarrow Is the requires the programmer to anticipate all possible dynamic contexts.

* Non-local variable in static scope: A non-local variable of a subprogram refer to the variable of that name from the enclosing unit (or from that unit's enclosing unit, etc)

A routine (an set of routines) can be set up to depend on a global variable with a default value.

* Translation of switch statement The intended translation of a switch is

side to evaluate the expression.
And the value v_j is the list of
cases that is the same as the
value of the expression.

Translation scheme for statement that
alters flow of control.

In case of If then - else, If we
evaluate to be true, first's will
be executed. After this we should
ensure that instead of second the
side after the if then else will
be executed.