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A) 1 b) Political feasibility
   2 c) Functional description
   3
   4 c) Strong cohesion & Low coupling
   5 c) Spiral Model
      d) Impossible to determine

B. 6) Coupling is the degree of interdependence between software modules, a measure how closely connected two modules are :

• type of connector between two modules
• Complexity of the interface
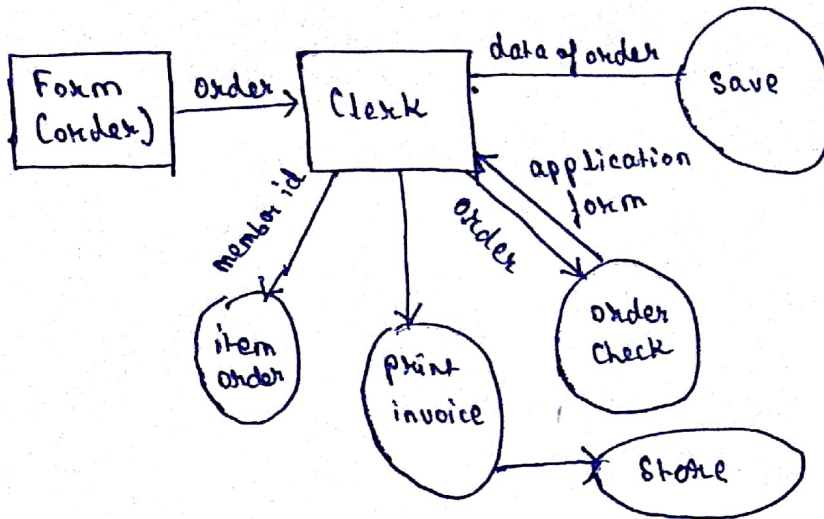• type of information flow between modules

Coupling is usually contrasted with cohesion, a low coupling often correlates to a high degree of cohesion and a high degree of cohesion or low coupling is a sign of a well structured computer system.

7)
$\phi = 0.03$

$N = 50$, $j = 36$

We know,
$$\lambda(t) = \phi(N-j+1)$$

$$\therefore \lambda(t) = 0.03(50-30+1)$$
$$= 0.03 \times 0.21$$
$$= 0.63 \quad (Ans)$$

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Level 1:-

Form (Order) → order → Clerk

Clerk → data of order → Save

Clerk ← application form → order Check

Clerk → order (application form) → order Check

Clerk → member id → item Order

Clerk → Print invoice

Print invoice → Store

Level 0:-

Order → order data → Clerk

Clerk → order data → Verification and storage system

Verification and storage system → result → Clerk