1. iii
2. ii
3. iii
4. i
5. iii
6. iii
7. ii
8. iv
9. iv
10. iv
11. iii
12. iv
13. iii
14. i
15. iii
16. iii
17. Architecture design is described as the process of defining a collection of hardware and software components and their interfaces to establish framework for the development of a computer system where as a system design is the process of designing the elements of a system such as the architecture ,modules and components,the different interfaces of those components and the data that goes through that system.

The realtionship between architecture and system design

Architecture is a design; it is about the solution domain, and not problem domain

Can view architecture as a very high level design focusing on main components

Design is about modules in these components that have to be coded

Design can be considered as providing the module view of the system

Boundaries between architecture and design are not clear or hard

It is for designer and architect to decide where arch ends and design begins

In architecture issues like files, data structure etc are not considered, while they are important in design

Architecture does impose constraints on design in that the design must be consistent with architecture

So we can say architecture design is a sub component of a bigger process which is system design which specifically helps to focus on the architecture design of a software.

1. Since both classes use same global variable it is common coupling i.e. coupling in which two modules use same global variable.

Common coupling can be resolved by introducing abstractions. If we make obe of the class A or B abstract and inherit the abstract class,by this the common coupling can be reduced

1. Set of poor programming practices on the base of coupling and cohesion
2. Low cohesion in the modules: Cohesion refers to the strength of a task a module could perform. Lower the cohesion higher is the probabilliity of making different modules with low functionality.
3. High coupling among the modules: Coupling is a measure of the degree of the interdependence or interaction between the two modules. Higher the interdependecy of the module ,more the repitition and it increases complexity and confusion.
4. Since it contains a word begin so it is most probably temporal cohesion as it mostly contains the word like "first", "next", "after", "start" etc.

To increase cohesion instead of being time specific between start at end it would be free of time so that it could become communicational cohesion.

1. When a module that performs a task that are logically related with each other is called logically cohesive. For such module content coupling can be suitable for coupling with other modules. The content coupling is a taken kind of coupling when one module makes use of data or control information maintained in other modules