Quiz - 1 : Acadview | Java   Submission by : Aditya Ghodgaonkar

Answer 1 : True.

As at the core(heart) even an interface is a class with distinct(or special) features.

Answer 2 : private int i; // this is an error. As, an interface can't have private data members.(They can't be inherited so it's of no use (logically))

Answer 3: Yes, multiple inheritance is possible via the usage of Interfaces.

Answer 4: -

Answer 5:-

Answer 6:- No.

An abstract class can't be instantiated. So, if an object can't be made then how a constructor will function or it's initialization could be done. (although not sure about static Initialization block)

Answer 7: final keyword ensures that a method can't be overridden (when used with methods). Whereas the basic idea for which we make any method abstract in an Abstract (Super) class is to provide it's implementation in it's subclasses (who inherit the abstract class).

So if one prevents overriding and one demands overriding so hence we can't use both of them simultaneously.

Answer 8: No, we can't.

Because, an abstract class may or may not have abstract methods but in any way it can't be instantiated.