4. B) Interfaces

=) An interface in Java is a collection of asstract methods that define a get of rules a so stop class must follow.

Can have = /

(+) Bos only Abstract memode

- All methods are public abstract (by default)

(11) Only constants

- All fields are public static final (by defeuts)

(m) No Constructors XX

(iv) No method bodies XX
(v) No instance variables XX

(vi) Can extend multiple interfaces

vii) A class can implement multiple interfaces

(viii) Cannot be instituted XX

Interface Syntax The party of the party of the party and

interface, Interfacellame & // Constant (implicitly public static final)

Int Some-Constant = 10;

MADSHract method (implicity public abstract) int method2 (int param);

(11)	Imalamania a Interface	-
	Implementing an Interface	
	Clase Incomenting chase informante Interface Name &	
	class Imprementingclass imprements Interfacellane &	
	11 Must implement All interface methods	
	(a) ou errièe	
	Public void method () {	
	11 implementation Code	
	model the Balling and the second of the seco	
	@overnide	
30	public int method2(int param) &	
30	1/ implementation code here	H
	retorn param * 2;	
	By Wall Maria Con Carried	
	3 V X MILLION CONTRACT ON THE PARTY OF THE P	1
	Constitution Lagrey and Live	1
(111)	Key Points and Rules.	The same
	Lesson to the institute of the same of the	THE REAL PROPERTY.
1.	Declared with the interface keyword.	The state of the s
2.	All inferface methods are implicitly public approach (no	
	private, Static, or final methods pracique &	
3.	All fields are implicitly public Static final Constants.	
4.	100 constructor allowed	
5.	A Class can implement multiple interfaces using comma separation.	
6.	Classes must implement all methods of their interfaces or docare themselves abottact.	1
	docare themselves abottact.	1
7.	Interfaces can extend multiple interfaces simultaneously, eg, interface C extends ALB 8	1
	interface c extends A15 & - 2	1
8	Cannot instantiate interaces directly frew Interaction	1
9.	Interfaces are for defining Capabilities Contracte (is illegal)	1
	Cannot instantiate interaces directly new InterfaceName () is illegal). Interfaces are for defining Capabilities (Control 18, separe from implementation.	1

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Liv Interface Reference Variable

- You can declare variables of interface type and assign them instances Of implementing class-

InterfaceName obj = new Implementing (1985 ();
Obj. method [];

Examples. is in Girhub Practice Porder