POLYMORPHISM MESSAGE PASSING INHERITANCE DATA ABSTRACTION & DBJECT ORIENTED ENCAPSULATION (7) DYNAMIC BINDING O CLASS OBJECT user defined data type data member & member functions blue print of an object CLASS HUMAN CLASS

instance of a class
uhen instantiated - memory allocated
represents neal life entities OBJECT BHAGA OBSECT SPEAK WRITE 3. DATA only providing essential information
ABSTRACTION hiding background details & implementation 4. ENCAPSULATION variables or data of a class hidden from any other class can only be accessed through any member function of their class. - data hiding from other classes Variables

CLASS

derive properties I charactersties from (5) INHERITANCE another dass PARGNT / PARENT PARENT / CHILD CHILD mulliple inhenitance Single inhentance PARENT PARENT DERIVED 1 CHILDI CHILD3 CHILD 2 Hierarchical Inherstance DERIVEDZ PARENT Mutti level inheritance DERIIVED DERIVED MY BAID inher tance DERIVED

(b)	POLYMOR PHISM	Ability to have more than one forms
Make_sound		
CAT DOG DUCK		
		BUACK_
Meow BARK		
0.0000000000000000000000000000000000000		
(7) DYNAMIC BINDING		
_ code to be executed in response to		
_ code to be executed in response to function call is decided runtime		
(8) MESSAGE -	by sending I recieus message
	PASSING	by sending I recieving message
	/	
		13 Commenting
	name of	name
name of name information object of to be sent function		
1 function		