ASSIGNMENT 6 what is nullind overloading in java and explain with an enample. I here we can create multiple method of same have and all the methods work in diff way. Public Moid findAreal) {

System. out. println ("area"; ara); Public void findArea () }

gystim out. Neintla (3.14\* \*\*\*); 92) what are the rules for mythod ovuloading resolution in Java? How doer Java detirming which over melled to call? -) i) puthod must have diff parameter. 11) The class should be same. (v) Pourameter type and parameter number should be different. 3) what does static kyword mean in jara ) troph
the diff between states and non static inches

3 static kyword in jara endicate that a particular men is an instance but Rather be should arrised all instance of the class one instance of it Stalie method er a class method and blong

to the class etreff. This wears you do not used an interface in order to line a skir willed. A non state milled is an instan that is generated from these 94) Can static method be predoaded and over willen en Java? Howare the sorted mulipe Instance de a à dans 3 Stalic melluds in jara con not be orande.
This is because stalic method are not alsocrated with the instance of the class. but
with the class etserf. Therefore when a such inthat a Static multod from its pount class, It cornot prodify the behaviour or the static method 3in any way. Os) what is the sole of static trypword in the contest of numbery wandquarent?

The static trypword in gara is making wind for numbery marget. The static trypword in Jaro used to stare the same raidsle or milhod as a given dans. The user lan attend static begand in variable method, bleek and In I risted classes. The state know lackongs to the class than the instance 36) what is the significance of final types in foral is a typered

	Date: / / Page No.:
<u>i)</u>	fial vourable: If we make any vourable on feral we connect change the habite.
	float we connect change the Galue.
(ii	Final multipad. Per in 10 1 10 1
/	Final method: If we make muthod as final we connot orwide 2t.
111)	Pinal class: By we make any classe to 1
N.	Pinal class: By we make any class final we
ST	can a final pullod be oraleasted o wide
	I can a final nuthod be onalessed o wider and a subclass! How down the final Kupurand affect variable, nuthod and class in Jana.
)	All harkends in fara.
	though its volues of the line cannot
	then we cannot privile st it is
614	House its values 1. of nuthod made final then we cannot then we cannot orinide 3t. clark, final can not be extend it.
08	
30	What doce-Unis ayword represent an java? This = instance of a class used to access of models could
	1121d to access of a class
file.	shirt was all modify fill or current
	used to access or modify field or current object, when field name! - local variable name
	nelled as a construction of a construction
	This tupword expers the current object in a neithod as a construction. The most common as a construction to element condition
	between class attribute and parameter with
	the same name.

Page No.: ga) what are narraing and widing conversion in java? Conversion a smaller data type into larger datatype. Marsoning: converting a lage datatype to a smaller datatype. \$10) Provide example or narrowing and widning Comersion bituan primit 80 ) inding PSVM () Esm Sop ("value: "+a); Sop ("value: "+a); Narrowing: How does para handle potential loss in medicin De the case of Odouble to float, you can have a constart value which it in the right Trange, but It lose precision in your

Date: / Page No.: specific corre of 10.0. The value can be sepresented exactly in bath final and double. float 6 = (float ) 10.1; double d=10.1; Sol (+==d) (912) Enplain the concept of automatic undering Convension in java. -) widowing convusion take place when two data type our authoratically converted! This happens when I two datatype au compatible when we assign a value of a soraller data type to begger data byte -) short -) int -> long -> float -> double. the emplications of narrowing and convension of type compatibility and data undering Conversion present the source value but cap change its resepresentation. Note accur 3/ you consent from an integral type or deciros or form char to stilling change a value.