1 Explain about the main method in Javan Java main method is the buty point of any java program. Dublic: Access modifier of the main method. It has to be public so that Java ountinue can excute this mother Static: this method has to be Hatic so that Jun can land the class into momora the main method wold: Java nown method doesn't return anything, thate of the settern type is wid main this is the name of java main nethod String I Jags Accepts a single argument Despe stoing array. De also as java

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Outrol remains in > could be transfered). Java control flow statements? butfide the loop the same loop Keyword used is - keyword used be 1. Decision making statements ~ break" "continue" 1 statements Switch Materients 4. What is an Array? How will you 2. Loop statements. de dall an Array. Do while loop. Array Ne a container to white loop. stone datas of multiple datatypes Fox loop We declare an array on los- each loop. Java as we do other variables, 3. Jump statements. by providing a eype and name: break statement but t J my Assay; continue étatement. 5. When will you get Array Index Duty continue. 3 Break the continues the - ie used to becak -Bounds Exception? loop of iteration doop or iteration occurs whenever we age -> used with switch Not used with toying to access any item of an switch case case loop array at an index which is not -> Boreaks loops kallows Allows iterating possent in the array. in the loop. coming out from & (hinenera the index may be agative of Paperkraft exceed the size of an array Paperkraft

Variable: -> cue- character names 6. Define the syntax to create should be avoided an object for a class. int I j marks; className Object = new classwame(); double doctole answer -> What are the haming con ventions to ASS! 2. be followed while exeating a class, 7. variable ? How woll you declare nection x Variable. Explain with egis. a variable un Java? A crast; I should be nouns. Reporesents the > interfaces names should information or data. Variable is also be capitalized a container to store value of different data types. - Acornyms x abbre should be avoised beclare a variable: class Stadent & } will specify the type, leave at least One space, then the have for the Clase Scanner SI Variable & end the lip with a class S= Integers ? semicolon. methode: - should be verbs. type Variable Name = vacue: - floor little doungcase 8. want is string in jave? It a first letter of each enterpal word is a para types capitalized pulpic Static void main (string of age) 82 Scaucha of Charactery how pere metite date type roporking

String is generally considered a 11. Why is Java a playoum independent datatyte x is often impremented lang hage? as an array data expecture of Because it does not F bytes. depend on any type of platform. P In Jaca, programe are compiled 9. Diff ways to create string object in jua? Ento byte and that lyte code de platform- iadependent. O using string literal. String stra "feello!"; 12 instance Variable Local Variable During new Key word. -A variable that is - A variable that is Storing et 1= new strong ("Hello!"); bounded to the typically used that (3) Using as character Array: Doject itself method or constructor char cntJ= 5 4111 e, 110113; -can have default - Do not have default Values Values. String stx 1 = new string (ch); 10. . Evuals and ==? 13. can we over load main method on 2 lamansing cheens whather his Thecos wheather Yes, but Jum only call the Strings are pointing the strings original mach method. It 2 to same location are same or will have call our overloaded not ox not wain muthod Paperkraft

17. What is the difference between 14. Access modifiers available in Java? concation and concatenation operator"+" -> private concate) method takes only a argument -> defaut or package private of string and concatenates et with -> protected -> public other string. t operator take any number of arguments and concatenates all is How will you call a non static hrethod from main mothed in Java. the strings put your main code in the class and then from main coeate a 18: What is inheritance? new object of your newly created inheritance to one of the key features of DDP that allows us to class. create a new class from an unisting 16. Why string it in mentalde on thea? class-The string is immutable in Java de rale of the Security, 19 Types of inhisitance? Syndronization & Concustincy, Single coaching & class loaping muetiple multilend

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23 method outloading 20. Atvantages of inheritance? & used to increase > code remarity. the readability of the program. -> Fag mainternance - Effective memory management us! compile time polymorphism 24. Java Constructor 21. unerfance example in selimin Java method. Chromitrine A constructor is used a method is used to Choromium Doiver to unitalize the state expose the Remove Web Daires. of an object. behavious of the 22 method Crussiding. Object. -) occurs on two clauses and I'l -) used to provide the specific * constauctor must not A metrod must uniplamentation of the method have a netren type have a neturn type is already provided by the The constructor is invoked super class. the method is implicitly -) eg: nen time pody morphyon invoked explicitly The provides a defaut the method ic constructor if you not provided by don't have any construct the congiter in Paperkraft in a class. any class.

The constructor name The method have 20. What is polymorphism & the types? FR must be Same as may or may not polymorphism in Java the class have be same as is the ability of an object to clase hame take many forms. 1. Method Oblestoading: This Es an example of comple time (or statte) P this Keyword represent the current poly mosphism class's instance. 2. Method overriding This is an example of suntime (or dynamic) constructor chainning; > Using trice); paymorphism. keywood we call form one class to another clase. this (); beyword 27. What is interface & exple in is unitialized in the start of the selenium, Java? pagamatized law bouctor to. Interface is a design, et has no ASSI: 4 conpensentation only. 9 = = 25. Oops Stands for? public & default modifiers as object oriented programming 4 the only two modifiers that can System, Et ic a worked used be used an the interface. too designing a program Eq: Chromopoiser = new chromeDoises); using classes and ologocte.

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28. What its alistract class x eg? 31- What is the keywood for using Mneritance? A class which is declarad with the abstract keepwood is known to inherit forom a clase, use the as an abstract class in Java. extends keywords. 32. What is the keywood to connat 29. Multiple Inheritance Multiparel inheritance. Intellace & class Maltiple Wheritano It is an inheritance TO accese the interface, the type the inhelt from Can imperitance intelface must be 'implemented' type where a class a derived class, making by another class with the linesite from more that derived does a impremente Keywoode. than one base class base class for a new class. 33 · CLASS INTERFACE. . _ _ A class describes In Interfale contains 30. 18 multiple inneribance possible the attributes and behavious that a en Java benaviours of an class implements. The java programming language supports Deget. multiple inheritance of type, where A class may contain An Interface curior is the ability of a class to contains only colstony abstract methods, ituplement more than one Concrepe heethods. pretrode interface.

ASSIS 34. Scientium? its components? 37. Why (D is prefusable than x-path! 10 is considered as unique koy selection is a free subornated testing framework to there cannot be more than I used to validate was applications elements for same it. accross different prowers and plat form. 28. How to select terop pown? components: " Selenium IDE. 1. Impost the package. 2. Selenium RC 2. Instantiate the diopdown box as an orgect, select in selenium 3. Web Down + · Selenium Grist. Webpiule. 35. How does selenium communiste 39. Absolute path Relative path -> specifies the docation related to the with the Web prouners? from the not directory location from To communicate with the web current directory browers, selevium into priver wes JOON. > Begins with a determiting werreg begins with character a delimiting that > wontent from other domains content from som 36. What are the elocators to find -> uses abstitute URL uses merapus upi an elevent citing celeviums D. Name, Classbarry, Jag Name, Land out, partial Link bed, 185 Selector Paperkraft Xpalan

40 system set property Web Daiwellanger 42. How do get an attribute value managadhe Automaty the using Selarium Webstille? interalization of the chrome brower soup in The get Attribute method hope to driver in the first step. the leteneum get the value of any attribute of code. a web elemt. 11. Syntax for following & proceeding. following: - Elder sittings pate / facowing - sibling: young tag name. -> Flder couring xpoth) following: your tagneme Pareceding: -> young sibuly xpath preceding sibling : ! Elder tog Name - younger cousin xpury preceding: Paperkraft Paperkraft