	H.W. (Pay 7)	Page No.
	Harris and the manual more south	il so doctorio
1)	Identify the feartures for the: - Java 8, 15, 17, 19.	following version
	THE WALL SOUTH LOOK SURE SHIP	cempanisti in
\rightarrow	1) Javars mala sensalis show and	4.5 Romas
L. PART	- Oxacle xeleased a new version of	Java as Java
919 h	Java 8 in March 18, 2014. It	includes various
U P	upgrades to the Java programming,	
Estar 11.	- Java 8 provides following feartures:	in the defenda
- nordvije	· Landa expressions	ristation carbon
25	· Method references!	Penyl ofrom
140 M	· Functional interfaces and many	at assurted a
9	· Stream API	d'I kanond
	· Default methods + to monking on	1 Park le
<u>lo as</u>	· Based 64 Encode Decode	Kan bally
Mersy	· Static methods in interface	a travar ou
+56)	· Optional class	mono contra
~ (A) - 1. W.	· For Each () method	The onth
Thomas	· Nashorn JavaScript Fnaine	18 H 3 X (16)
भरों क	Parallel Assay Sorting Type and Repating Annotations Concurrency Enhancements	Marinkton,
sit to	Type and Repating Annotations	na hisvora lut
	· Concurrency Enhancements	Rohmano +
•	JDBC Enhancements	Constile
	the state of the s	Site Sina
		0
7		

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1	2) Java 15	
	- It was released on 16th September 2020	
	Septiment 2020	
	- Java 17 Providen Fallowing Penturbons	
9009	- Java 15 Provides following Realtures: -	
	· Sealed Clarses	
0.540	· Pattern Matching For instance of	
	· Records songlaging poleshood agreem wall.	
	· Tex+ Blocks	
	· Hidden clanes and 19A Holga and something	
	· Remove the Nashoen Java Script Frain	
	· ReImplement the Legacy Datagean socket	
	· Disable and Deprecate Blased Locking	
	· Shenandoah: A Low - Pause - Time Garbage Collector	
	· Remove the Solaris and SPARC Ports	
	· Forlan - Memory Access API	
	· Depoecate RMI Activation for Removal.	
?	- Foxeiga Francisco II Merrise API (Inculrates	
	· Wester 1991 (Second Incutrates)	
	. Telepialization Filters Baken on Context	
	To X Day 16: 1 156 Server on 1	

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	Date
3) Java 17	Call AND TO GO IS
- It was released on 14th Sep.	tember 2021
- Java 17 Provides Following Fe	atures
· Restore or Rebuild the "Always -	Storct Floating-Point
Semantics	MANUAL CONTRACTOR
· Enhanced faster pseudo - Random	" Number General
· New macos rendering pipelines.	· Records
	. Text Blocks
· Dismiss the Applet API for Re	moval 19669H .
· JDK Internals Encapsulates &	toongly
· Switch lattern latching	TO THE MENT OF THE
· Activation of the Removal KI	y san sanera
(Tenerate Sealed classes	· deabaonade ·
· Removal of the Experimental	, HOT & JIT
Compiler	agil - noised is
Remove the Security Manager. Foreign Functions & Memory A Vector API (Second Incubator) Deserialization Filters Based (MA Stongrad.
· Foreign Functions & Memory A	PI (Incubator)
· Vector API (Second Incubator)	
- Deserialization Filters Based	on Context.
- The and Envelop Apportations	
and the state of t	
a constant of the constant of	

(17	4) Java 19 pivot, il + + > All coniderations de
	- It was released on 20th september 2022
	- Java 19 Movides tollowing Festures
	· Support Unicode 14.0
	· New System properties for System.out & System.err · HTTPS Channel Binding Support for Java GISS/
	· HTTPS Channel Binding Support for Java GISS/
in l	TO SECTION AND TO SECTION AND THE SECTION AND
Min	· Additional Date - Time Formats
T. ne	· New Methods to Create Preallocated Hash Maps
· also	14 TlabhSets: xxx hotmax) thou sometimes and
The	· Support to PAC-RET Protection on linux/AAxch 64
	· MITOMATIC Gleneration of the CNS Avablua
offit.	Windows newstore Updated to Include Access to the
	Local rightine Location
id is	· TLS signature Schemes
MA	· Add a provider path ofther to lar stones
201	- C++ Supported the - C++ O C deep nt sap
- F	orth strategets the gots Stutements
+ 40	19. if Hassots and the steadant the
DX A	multiple inheritance, multiple inheritance
1	not an almost real of the seal of the order in a factor
work .	in some interpretation of the sound of the s
-32 i	- if the sometime operation - Java doesn't sup
	cyestacidias.
414	thid steppers print- your supports found
HO _n :	he show can write a intermity thousand
4	Confider paces and in contraction pain
hat d	Property The
1917	A factor has made of the
	in the state of th

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2	Comparision Of C++ 8	2 Java DI MATE
	con seatuplose and	- The cappidde and the
\Rightarrow	C++ wanting	molla mostavaplaca
		L. Suppost Universa 14.0
7.20	C++ is plat form	- Java is platform
15	dependent the and ?	independent.
	C++ is mainly used	- Java is mainly used for
	toe system programming	application programming.
- 1	CITT was designed	- Java was designed and
	tol Systems and	(SOATED AS AD (OTER, ONL)
Pann	applications programming	. For printing systems but
8.3	It was an extension	for printing systems but later extended as a
2017	or the choogeamming	Suppost network computing.
	language.	It was designed to be
		easy to use and accesible
	cotton to indicate	to a broader audience.
	C++ Supports the	- Java doesn't Support
	goto Statement.	The goto Statement.
	C++ Supposts	- Java doesn't support
	multiple inheritance.	multiple inheritance through
		class. It can be achieved
_	C++ Grossela alan	by using interfaces in fava.
	C++ Supports operator	- Java doesn't suppost
-	Overloading.	operator overloading
	you can write a	- Java supposts Pointer
(internally. However, you
	Pointer program in	can't write the pointer
y i		program in java. It means java has restorcted pointer
		Support in java.
		ahhase in Jalan.

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Date		

	C++ uses compiler only.	- Java uses both compiler &
	C++ is complied and	interpreter. Java source
	run using the compiler	code la converted into
	Which converts source	bytecode at compilation
	rode into Machine code	time. The interpreter
2	50, C++ is plat form dependent.	executes this bytecode at
	dependent.	surtime and produces output.
1.4.	along to John Marie	Java is interpreted that
5.	is the sail of sail is	is uny it is platform
1	Conjextance to a la la	independent.
	C++ Supports both call	- Java supports call by Value
	by value and call by	only. There is no call by
	reference.	reference in fava.
	C++ Supposts Structure	- Java doesn't Support
-	ly unions.	Stouctures & unions.
	C++ doesn't have	- Java has built - in thread
	built in suppost for	Support.
	threads. It relies on	
26	third-party. libearles	
	for thread supports	
	C++ doesn't	- Java supports documentation
	support documentation	comment (/** */) to
11112	Comments.	create documentation for
		Java Source code.
-	C++ Supports virtual Keyword.	- Java has no vistual keyword.
	Klyword.	0
	<u> </u>	

		Page No. Date
- C+ - C+ - C+	++ doesn't support >> (Un signed igh+ Shift) operator ++ always creates new inheritance ee. + is neares to Edware. ** a single soot carchy is not paritie	- Java Supports (Unsigned Signt Shift) >>> 8 perator. - Java always uses a Single in heritance tree because all classes are the Child of the Object class in java. The Object class is the Goot of the inheritance tree in java. - Java is not so interactive with hardware. - Single Groot hierarchy is positile as puerthing
	Supposted of the second of the	gets derined from p Sava lang-Object. Allow the same to the same