QUESTION BOOKLET AND ANSWER KEY FOR RECRUITMENT TEST OF Manager (Information & Technology) Code 2.3 HELD ON 13.11.2011

English Version

1.	ਔਨ੍ਹਿਆਂ ਵਿਚ	–––ਅਖਾਣ ਪੂਰਾ ਕ	रते :	
	(A) ਬੋਲੇ ਰਾਜੇ	(B) ਲੰਗੜੇ ਰਾਜੇ	(C) ਕਾਣਾ ਰਾਜਾ	(D) ਬੋਈਮਾਨ ਰਾਜਾ
2.	ਸੰਬੰਧਕ ਚੁਣੋ:		· ·	(D) ਕੌਣ, ਕਦੋਂ
	(A) ਮੈਂ, ਸਾਡਾ	(B) ਤੂੰ,ਤੁਸੀਂ	(C) ਦਾ, ਦੇ	(D) ac, ae
3.	ਮਾਝੀ ਕਿਸ ਜਿਲ੍ਹੇ ਵਿੱ			(D) -1
	(A) ਅਮ੍ਤਿਸਰ	(B) ਪਟਿਆਲਾ	(C) ਜਲੰਧਰ	(D) ड़वीस्बॅट
4.	ਕਰਨਾ, ਖਾਣਾ, ਲਿਖਟ	ਭਾ ਕੀ ਹਨ∶ਂ		
	(A) ਨਾਂਵ	(B) ਵਿਸ਼ੇਸ਼ਣ	(C) ਪੜਨਾਂਵ	(D) ਕਿਰਿਆਵਾਂ
5.	ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਵਿੱਚ			••
	(A) 통 ਲ	(B) ਫਰਨੀਚਰ	(C) ਮੁੰਡੇ	(D) ਘੌੜਾ
Dire	ctions:- Q. Nos. 6-8 C	hoose the correct	preposition to be filled	in the blanks.
6.	Mohan's allegiance A) to	B) for	c) with	D) by
7.	You may not draw A) to	any inference B) from	this story C) by	D) for
8.	Everybody is pron A) in	e B) by	error. C) to	D) with
Dire	ctions:- O. Nos. 9-10:	- Choose the corr	ect meaning of the idio	ms/phrases.
9.	to flog a dead hors	e.	B) to deceive son	
	A) to be enthusiasti C) to repeat one's a		D) to waste energ	
10.	Hobson's choice	:	B) abundance of	choices
	A) virtually no choC) conditional choi		D) choice made t	
11.	TRAI stands for?	1 1° 1 a Ad Ind	:.	÷
	A) Telecom Re-est B) Telecom Regula	ablishment At Ind ator Answerable to	ia India	
	C) Telecom Regular D) Telecom Regular	ation at Airport in	India	
12.	Who is original do	eveloper of Linux i) Linus Torvalds	t, the free Unix clone on C) Dennis Ritchie D	the PC?)Richard Stallman
13.	Who is considere A) Ted Nelson	d the "father" of B) Bill Gates	World Wide Web? C) Tim Berners-Lee D) Narayan Murthy
14.	IC chips used in A) Lead	computers are us B) Silicon	ually made of C) Chromium	D) Phosphorous

15.	What is laughing gas? A) Nitrous Oxide C) Sulphur dioxide	B) Carbon monoxion D) Hydrogen perox	
16.	The purpose of choke in tube light is? A) To decrease the current C) To decrease the voltage momentarily	B) To increase the of D) To increase volt	·
17.	Amnesty International is an organisation fields?	n associated with w	hich of the following
	A) Protection of Cruelty to animals C) Protection of human rights	B) Environment pro D) Protection of his	
18.	The headquarters of International Atomi A) Vienna B) London	ic Energy Agency is C) Geneva	located in D) Washington
19.	Which scientist discovered the radioactiv A) Isaac Newton B) Albert Einstein C	re element radium? ') Benjamin Franklin	D) Marie Curie
20.	The imaginary line on the earth's sur	face, which closely	follows the 180 \hat{A}°
	meridian, is called the A) International Date Line C) Equator	B) Tropic of Cance D) Prime Meridian	r
21.	Choose the set of figures which follows the Rule: Any figure can be traced by a single		t retracting.
	(2) 🖈 🗇 🗘		
	(3) (3) (4) (5)		
	(4)		
	A) I B) 2	C) 3	D) 4
Answ	er Question number 22 and 23 based on: Ravi is son of Aman's father's sister.	Sahil is son of Divy	a who is mother of
	av and grandmother of Aman. Ashok is fa is wife of Ashok.	ather of Tanya and	grandfather of Ravi.
22.	How is Ravi related to Divya? A) Nephew B) Grandson	C) Son)) Data Inadequate
23.	How is Gaurav's wife reated to Tanya? A) Niece B) Sister C) Si	ster-in-Law D) N	lone of the above
	2.3 ENG-Page 2	2 of 11	

24.	when he slips back	20 feet before he ag gins his ascent at 8.0	ning of each hour an gain starts climbing i 0 a.m. at what time v	n the beginning of
	A) 4 p.m.	B) 5 p.m.	C) 6 p.m .	D) None of above
25.	Find the next term i A) 316	in the series:- 9,27,3 B) 1135	S1, 155, 161, 1127 C) 1288	D) 2254
26.	As 'Circle' is relate what?	ed to 'Circumference	' in the same way 'So	quare' is related to
	A) Perimeter	B) Diagonal	C) Area	D) Angle
27.	to his left. After thi	s he walked 10 m tur	his house. Then he vering to his left and in is he now from his s C) East	the end he walked
28.	Statements: Some: No F: Conclusions: I. Son II. No	aquir is King. ne saints are kings. o saint is king.		
	Find out which con A) Only I	clusions follow the gi B) Both I and II	ven statements. C) Only II	D) Neither I nor II
29.	If the numbers be unit, tenth or both will be left?	tween 4 to 90, which place, are removed.	are divisible by 5 a then how many nun	nd contain 5 in the obers divisible by 5
	A) 7	B) 8	C) 18	D) 12
30.	Every body in a rhandshakes is 66. 7A) 11	room shakes hands when total number of p B) 12	rith everybody else. The ersons in the room is: C) 13	The total number of D) 14
31-	In UNIX operating A) Tar	system, command us B) Backup	sed for backups and a C) Archieve	chieves is D) None of Above
32.	In UNIX operating A) rwr	system chmod 654 s B) rrr	tands for C) rrw-r	D) rw-rw-r
33.	information regard A) Cycles in the pro	ding the number of ogram ic paths in the program gram	provides the softw	are designer with
34.	A) Ends with delive B) Is more chaotic to C) Includes project	of software developments of software production incremental mode risks evaluation during trarely produces a me	t il g each iteration	

35.	A) Magnetic storage techniques C) Optical storage techniques	B) Laser storage techniques D) Flash memory	
36.	With SQL, how can you return the num A) SELECT COLUMNS(*) FROM Persons B) SELECT COLUMNS() FROM Persons C) SELECT COUNT() FROM Persons D) SELECT COUNT(*) FROM Persons	ns	" table?
37.	Which operator performs the pattern m A) AS operator B) LIKE Operator C)	atching? SELECT Operator D) None	of above
38.	Order the following list by their asynfastest to slowest.) (i) n (ii) n ⁿ (iii) log n A) iii - i - v - iv - ii C) iii - i - v - ii - iv		n in order, n log(n)
39.	Cookies were designed as a response to HTML and HTTP? A) Lack of privacy and confidentiality in the B) Inequality if information between client C) The open and distributed nature of the D) Persistence of state between web-session	viewing web-pages ts and servers Internet	al design of
40-	If a table, sales, has a column filled wing you want to find all states that have any that via this SQL command: A) Select * from sales where state like '%' B) Select * from sales where state = '%P' C) Select * from sales where state like '\$1 D) Select * from sales where state = '\$P\$	n "P" somewhere in its name, P%'; 6'; \$\$%';	states and you can do
41.	Which one of the following uses the observation an HTML page? A) <p><applet "buttontext.java"="" <p="" =="" vb)=""><applet <p="" buttontext.c)="" code="ButtonText.C) <P><APPLET CODE = "><applet buttontext.class"<="" code="ButtonText.D) <P><APPLET = " td=""><td>VIDTH = 300 HEIGHT = 250> java" WIDTH = 300 HEIGHT class" WIDTH = 300 HEIGHT</td><td>= 250> = 250></td></applet></applet></applet></p>	VIDTH = 300 HEIGHT = 250> java" WIDTH = 300 HEIGHT class" WIDTH = 300 HEIGHT	= 250> = 250>
42.	Which process in database design haredundancy and the avoidance of upda A) Hierarchical representation C) Data warehousing	as as a purpose the eliminate te anomalies? B) Normalization D) Entity relationship model	
43.	Consider the following function in C: sample(int d) { if (d == 0) return else return d += s		
	When above function is called with a value of A) d B) d-1 C)	non-zero positive value, it alv $d*(d+1)/2$	ways returns D) Zero

44.		ion composed of	columns from one or mo	ore related relations is
	called a/an: A) Index	B) View	C) Relational map	D) Base table
45.	A) Can be writte B) Is connected	en more compactly to other modules a mplete its function	ion of the degree to which and outside world in a timely manner	a module
46.	A) Improving sB) DistributingC) Developing	program functions	cryption technology s through remote procedure hrough improved technolog Veb	calls Y
47.	Match the follow a) HTML b) HTTP	(i) Protocol for s (ii) Company the	ending electronic mail on that charges a fee to enable or	ganizations to connect to
	c) ISP d) SMTP	(iii) Set of tags a (iv) Internet star	nd related rules that are used dard that supports exchange	to create web pages. e of information on Web.
	A) a)-(iv) b)-(C) a)-(iii) b)-(i) c)- (ii) d)-(iii) ii) c)- (iv) d)-(i)	B) a)-(iv) b)-(i) D) a)-(iii) b)-(i	c)- (iii) d)-(ii) v) c)- (ii) d)-(i)
48.	A) ASCII is a B) A Java co language ii C) Java is an class meth D) There are represente	nto byte-codes that object-oriented pods, instance varia 256 different seq d by a byte.	class definitions written in t are hardware-independent programming language that ables, instance methods, and uences, or arrangements, o	supports class variables, multiple inheritance f length 8-bit that can be
49.	secret messas	matches the follows within some of see if they knew	lowing definition? The and ther form that is usually where to look.	VISIBLE OF Our was the About
`	A) Encryption C) Digital Sig	1	B) Digital wate D) Stenograph	
The	MANUFACT PRODUCT(Name of the Manufacturer Ma	URER(<u>Manufacti</u> <u>ManufacturerID, M</u> ID foreign key to	ollowing database: urerID, Name, Address, City (odelNumber, Description, V MANUFACTURER	y, State, Zip) Weight, Price) relationship between
50.	MANUFAC A) One-to-ma B) One-to-ma	TURER and PRO any, with MANUF any, with MANUF	ediately above, the DDUCT is best described a ACTURER as the "one" ACTURER as the "many" key and a foreign key overland.	s

51.	ModelNumber – a t multiple fields	keys, Manufacturer hposite primary key able has only one keys y constructed prim	y consisting of the factoring primary key, but	er ields ManufacturerID and it can be a composite of ary key and a foreign key
52.	Select the most ap addresses of recent "Back" button.	propriate data s ly visited web sit	tructure to impler es in a Web Brow	nent the storage of the ser for the operation of
	A) Queue	B) Link List	C) Array	D) Stack
53.	Suppose instead of	using 16 bits for t	he network part of	a class B address, 20 bits there?
	have been used. Ho A) 16	B) 20	C) 14	D) 256
54.	IPv6 address is	bits long.		m) 100
0	IPv6 address is A) 16	B) 32	C) 64	D) 128
55.	The Toyo o	nnlet retrieves 3	more images delor	as 6 images and 1 Java re it can run. How many before this web page can D) 01
56.	If a switch has 24 (minimum) does queuing/blocking fA) 4.8 Gbps	the switching	tabric need to v ration?	eed of 100Mbps, how fast e in order to prevent D) 200 Mbps
57.	against small drif	ts in transmissior that no two adia	i treatiency. II we	I that provides protection divide listening area into time frequency bands, how with 250 cells? D) 50000
58.	A) <link <external="" c)="" my="" rel="style: B) <style src ="/> myst; D) <stylesheet>my</stylesheet>	sheet" type="text/c style.css"> yle.css style.css <td></td> <td></td>		
59.	table?	h') INTO Persons (Persons (LastNam Persons (LastNam	LastName) e) VALUES ('Singh' e) 'Singh'	tName" in the "Persons"

In some systems, when there is no more free memory, the system automatically 60. determines what is in use and reorganizes memory so that the available memory is in one big contiguous block. What is this process called? D) Memory Leak C) Linking A) Garbage Collection B) Formatting In Java, if you wish to change an applet's background color dynamically, what 61. method must be called to make this change visible? C) restart() D) stop() B) setBackground() A) repaint() 62 Consider the following pseudo-code: GET num IF num is less than 0 THEN REPORT -1 ELSE WHILE num is greater than 1 SUBTRACT 2 from num REPORT num A) This algorithm will output -1 if the user enters a negative number and outputs 2 less than the input number otherwise B) This algorithm will report -1 if the input number is negative, 0 if the input is both even and positive and 1 if it is both odd and positive C) This algorithm will report -1 if the input is negative and nothing otherwise D) This algorithm will report 0 as the output T1(EMPLOYEE_ID,EMP_NAME) tables the 63. Consider T2(PRODUCT ID, PRODUCT_NAME, EMP_ID). Query to find out those employees who have ordered "printers". A) Select EMP_NAME from T1 where T1.EMPLOYEE_ID=T2.EMP_ID and PROD_NAME='printer' B) Select EMP_NAME from T2 where T1.EMPLOYEE_ID=T2.EMP_ID and PROD NAME='printer' C) Select EMP_NAME from T1, T2 where PROD_NAME='printer' D) Select EMP_NAME from T1, T2 where T1.EMPLOYEE_ID=T2.EMP_ID and PROD NAME='printer' Suppose one IPv6 router wants to send a datagram to another IPv6 router, but 64. the two are connected together via an intervening IPv4 router. If the two routers use tunneling, then: A) the sending IPv6 router creates an IPv4 datagram and puts it in the data field of an IPv6 datagram. B) the sending IPv6 router creates one or more IPv6 fragments, none of which is larger than the maximum size of an IPv4 datagram C) the sending IPv6 router creates an IPv6 datagram and puts it in the data field of an IPv4 datagram. D) the sending IPv6 router creates an IPv6 datagram and intervening IPv4 router will reject the IPv6 datagram To host a web site which of following is required: 65. B) Exchange Server A) Web Server D) Database Server C) Mail Server

66.	speed networks beca A) it offers immense B) it has extremely lo	ause: transmission bandwid ow error rates	ive physical layer me th distances before requir	
67.	B) Organization for s C) Organization to pr	ion for assigning name tetting up rules to oper rovide security to serv ork administration mor	ices	ent domains
68.	Find the class of IP A) Class A	address: 129.6.8.4 B) Class B	C) Class C	D) Class D
69.	A) l's complement ca B) 2's complement r C) l's complement i	ing is correct stateman have two zero reprosent an extra negate some useful for logical can be formed by char	esentations utive number	's înto l's.
70.	Find the closest number search 1000 in arra A) 4 B) 9	mber of comparisons y A={19, 25, 30, 35, 3 C) 0	s using binary search 67, 45, 52, 69, 900} D) Binary Search ca	
71.	The conditions imm A) the boundary C) the environment	nediately outside the	software system is cal B) the graphical use D) None of the Abo	r interface
72.	How can you make A) <mail>xxx@yyy C) <a href="xxx@yy</td><td>an e-mail link in HT
</mail>
yy"></mail>	ML? B) <mail href="xxx D) <a href=" mailto"<="" td=""><td></td></mail>		
73.	DNS servers transle A) MAC address	ates web addresses o B) FTP address	r host names to : C) IP address	D) Host Name
74.	SELECT A.Employ JOIN Spouse B ON A) A list of all emp B) A list of all emp C) A list of employ	A.Employee_ID = B. loyees' names, includition loyees that have spous	Name FROM Employe Employee_ID ing the name of their spaces, with spouse names	ouse if they have one
75.	temperature falls more than 21. To t	below 18 and then	witch. The Switch is s it is turned on when entify the Equivalence	the temperature is
	to the same class. A) 12,16,22	B) 24,27,17	C) 22,23,24	D) 14,15,19

76.		ot come under Configuration Management
	of software?	B) test documentation
	A) live data	b) lest document document
	C) operating systems	D) user requirement document
77.	Testing activity which is performed to	expose defects in the interfaces and in the
	interaction between integrated compo	B) Integration Level Testing
	A) System Level Testing	
	C) Unit Level Testing	D) Component Testing
78.	A Type of functional Testing, whi detection of threats, such as virus from	ch investigates the functions relating to malicious outsiders.
	A) Convint Testing	B) Recovery Testing
	A) Security Testing	D) Functionality Testing
	C) Performance Testing	D) I diferioriantly resums
79.	tool on the project.	Tester? ndor to identify best ways to leverage test
	ii. Prepare and acquire Test Data	
	iii. Implement Tests on all test levels,	execute and log the tests.
	iv. Create the Test Specifications	-
	A) i, ii, iii is true and iv is false	
	B) ii,iii,iv is true and i is false	
	C) i is true and ii,iii,iv are false	
	D) iii and iv is correct and i and ii are ir	correct
80.	A document called is	created by decomposing the project scope
00.	into smaller, more manageable eleme	
	A) Scope Statement	B) Network Logic Diagram
	C) Work Breakdown Structure	D) Requested Change
		, -
81.	B) It should describe how requiren	rements management plan? ments to project scope / WBS deliverables. nents activities will be planned, tracked, and
	reported. C) It should trace high-level requirem D) It should trace requirements to objectives.	nents to more detailed requirements. to business needs, opportunities, goals, and
82.	Which of the following becomes environment?	increasingly important in a virtual team
	A) Requirements engineering	B) Communication planning
	A) Requirements engineering	D) Network diagramming
	C) Formal procurements closure	D) 1100110112 anna anna anna anna anna

In a software company a large number of simultaneously performed projects 83. utilize the same groups of human and other resources. Project B Project C Project D Project E Project A Resource Directory What is the term commonly used for this situation? A) Concurrent engineering B) Resource over-allocation D) Program management C) Resource pooling Back-up procedure helps in 84. A) restoring the operation whenever there is a disk failure B) restoring both application and system software whenever there is disk corruption. C) restoring the data files whenever there is a system crash D) All of the above Data Definition Language (DDL) 85. A) describes how data are structured in the data base B) specifies for the DBMS what is required; the techniques used to process data C) determine how data must be structured to produce the user's view D) All of the above Bug manes 86. A) A logical error in a program B) A difficult syntax error in a program C) Documenting programs using an efficient documentation tool D) All of the above Goals for the design of the logical schema include 87. B) being able to construct queries easily A) avoiding data inconsistency C) being able to access data efficiently D) All of the above Which is the easiest component to environmentally recycle? 88. B) CMOS batteries A) Motherboards D) Cathode ray tubes C) Toner cartridges 89. RS-232 is a standard that applies to? D) All of above B) Serial port C) Game port A) Parallel port All of the following are types of communication and collaboration done in real 90. time EXCEPT: D) VoIP B) webinars C) instant messaging A) blogging Web analytics, mining tools and services: 91. A) simply report which pages were clicked and how long a visitor stayed there. B) offer advanced functions that help marketers decide which products to promote, and merchandisers achieve a better understanding of the nature of demand. C) are used to redesign Web sites quickly and on the fly. D) provide information to update website.

92.	White box testing can be started A) After SRS creation			B) After Insta D) Anytime i			
	C) After Program	ming		D) Allytime	in bobbe		
93.	In a HTML pag A) Title	e, <title B) For</title 		CE> tag must be C) Header	within _	D) Body	
94.	A) impersonation B) impersonation C) impersonation D) impersonation gain	by a thief of by a thief of by a thief of by a thief of	of someone v of someone v	vith computer sk vith good credit	ills	f economic/ s	ocial
95.	An attempt to sl system with requ A) virus B)	uests for in	formation is	mputer system o called a f-service attack		rk by flooding D) Trojan hor	
96.	Which of the focopied and given A) freeware	ollowing w n to a frien B) pir	d without th	it the following te permission of C) shareward	the copy	tion – softwa right owner? D) public don	
97.	A Green PC A) uses no energ B) uses less ener C) uses less ener D) represents the	gy than old gy than any	other office	device °C possible			
98.	Print server use the printer.	es	_ which is a	buffer that hol	lds data l	before it is se	nd to
	A) Queue	B) Sp	lood	C) Node		D) UPS	
99.	Which of the fo A) Operating Sy B) Files on hard C) Hard disk has D) Hardware set	stem Passw disk got co s bad sector	ord lost. Trupted.				?
100.	You wish to in following is con A) Install the dri	nmonly the iver	dware device first instruc	te that is not Piction given to in B) Install th D) Disconn	stall this	device:	of the

	Key 2.3						
Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	С	26	A	51	В	76	Α
2	С	27	В	52	D	77	В
3	Α	28	D	53	С	78	А
4	D	29	В	54	D	79	В
5	D	30	В	55	A	80	С
6	A	31	A	56	A	81	В
7	В	32	D	57	С	82	В
8	С	33	В	58	А	83	С
9	D	34	С	59	В	84	D
10	A	35	В	60	A	85	A
11	D	36	D	61	A	86	A
12	В	37	В	62	В	87	D
13	С	38	A	63	D	88	С
14	В	39	D	64	С	89	В
15	A	40	А	65	A	90	A
16	D	41	С	66	D	91	В
17	С	42	В	67	A	92	В
18	A	43	С	68	В	93	С
19	D	44	В	69	А	94	D
20	A	45	В	70	A	95	С
21	В	46	В	71	С	96	В
22	В	47	D	72	D	97	В
23	С	48	С	73	С	98	В
24	С	49	D	74	В	99	D
25	В	50	А	75	С	100	С