PAPER-II **COMPUTER SCIENCE**

Signature and Name of Invigilator 1. (Signature) _____ OMR Sheet No.:.... (To be filled by the Candidate) (Name) _____ Roll No. 2. (Signature) _____ (In figures as per admission card) (Name) Roll No.___ (In words) Time : $1^{1}/_{4}$ hours] [Maximum Marks : 100 Number of Pages in this Booklet: 12 Number of Questions in this Booklet: 50 **Instructions for the Candidates** परीक्षार्थियों के लिए निर्देश इस पृष्ठ के ऊपर नियत स्थान पर अपना रोल नम्बर लिखिए । 1. Write your roll number in the space provided on the top of इस प्रश्न-पत्र में पचास बहविकल्पीय प्रश्न हैं। this page. 2. परीक्षा प्रारम्भ होने पर, प्रश्न-पुस्तिका आपको दे दी जायेगी । पहले This paper consists of fifty multiple-choice type of questions. पाँच मिनट आपको प्रश्न-पुस्तिका खोलने तथा उसकी निम्नलिखित 3. At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested जाँच के लिए दिये जायेंगे. जिसकी जाँच आपको अवश्य करनी है : (i) प्रश्न-पुस्तिका खोलने के लिए उसके कवर पेज पर लगी कागज to open the booklet and compulsorily examine it as below: To have access to the Question Booklet, tear off the की सील को फाड़ लें । खुली हुई या बिना स्टीकर-सील की paper seal on the edge of this cover page. Do not accept पस्तिका स्वीकार न करें । a booklet without sticker-seal and do not accept an open (ii) कॅवर पृष्ठ पर छपे निर्देशानुसार प्रश्न-पुस्तिका के पृष्ठ तथा प्रश्नों की संख्या को अच्छी तरह चैक कर लें कि ये परे (ii) Tally the number of pages and number of questions हैं । दोषपूर्ण पुस्तिका जिनमें पुष्ठ/प्रश्न कम हों या दुबारा आ in the booklet with the information printed on the गये हों या सीरियल में न हों अर्थात किसी भी प्रकार की cover page. Faulty booklets due to pages/questions त्रुटिपूर्ण पुस्तिका स्वीकार न करें तथा उसी समय उसे लौटाकर उसके स्थान पर दूसरी सही प्रश्न-पुस्तिका ले लें । missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately इसके लिए आपको पाँच मिनट दिये जायेंगे । उसके बाद न by a correct booklet from the invigilator within the तो आपकी प्रश्न-पुस्तिका वापस ली जायेगी और न ही आपको period of 5 minutes. Afterwards, neither the Question अतिरिक्त समय दिया जायेगा । Booklet will be replaced nor any extra time will be (iii) इस जाँच के बाद OMR पत्रक की क्रम संख्या इस प्रश्न-प्रितका पर अंकित कर दें । (iii) After this verification is over, the OMR Sheet Number प्रत्येक प्रश्न के लिए चार उत्तर विकल्प (A), (B), (C) तथा (D) दिये should be entered on this Test Booklet. गये हैं । आपको सही उत्तर के वृत्त को पेन से भरकर काला करना है 4. Each item has four alternative responses marked (A), (B), (C) जैसा कि नीचे दिखाया गया है । and (D). You have to darken the circle as indicated below on उदाहरण :(A) (B) the correct response against each item. Example: (A) (B) (D) जबिक (C) सही उत्तर है । प्रश्नों के उत्तर केवल प्रश्न पत्र I के अन्दर दिये गये OMR पत्रक पर ही where (C) is the correct response. अंकित करने हैं । यदि आप OMR पत्रक पर दिये गये वृत्त के अलावा 5. Your responses to the items are to be indicated in the **OMR** किसी अन्य स्थान पर उत्तर चिह्नांकित करते हैं, तो उसका मुल्यांकन Sheet given inside the Paper I Booklet only. If you mark नहीं होगा । at any place other than in the circle in the OMR Sheet, it will अन्दर दिये गये निर्देशों को ध्यानपर्वक पढें । not be evaluated. 6. Read instructions given inside carefully. कच्चा काम (Rough Work) इस पुस्तिका के अन्तिम पृष्ठ पर करें । Rough Work is to be done in the end of this booklet. यदि आप OMR पत्रक पर नियंत स्थान के अलावा अपना नाम, रोल If you write your Name, Roll Number, Phone Number or put नम्बर, फोन नम्बर या कोई भी ऐसा चिह्न जिससे आपकी पहचान हो any mark on any part of the OMR Sheet, except for the space सके, अंकित करते हैं अथवा अभद्र भाषा का प्रयोग करते हैं, या कोई allotted for the relevant entries, which may disclose your अन्य अनुचित साधन का प्रयोग करते हैं, जैसे कि अंकित किये गये identity, or use abusive language or employ any other unfair उत्तर को मिटाना या सफेद स्याही से बदलना तो परीक्षा के लिये means such as change of response by scratching or using अयोग्य घोषित किये जा सकते हैं । white fluid, you will render yourself liable to disqualification. आपको परीक्षा समाप्त होने पर प्रश्न-पुस्तिका एवं मूल OMR पत्रक 9. You have to return the test question booklet and Original निरीक्षक महोदय को लौटाना आवश्यक है और परीक्षा समाप्ति के बाद OMR Sheet to the invigilators at the end of the examination उसे अपने साथ परीक्षा भवन से बाहर न लेकर जायें । हालांकि आप compulsorily and must not carry it with you outside the परीक्षा समाप्ति पर मूल प्रश्न-पुस्तिका तथा OMR पत्रक की डुप्लीकेट Examination Hall. You are, however, allowed to carry original प्रति अपने साथ ले जा सकते हैं । question booklet and duplicate copy of OMR Sheet on 10. केवल नीले/काले बाल प्वाईंट पेन का ही इस्तेमाल करें ।

D-87-14 P.T.O.

प्रयोग वर्जित है ।

11. किसी भी प्रकार का संगणक (कैलकुलेटर) या लाग टेबल आदि का

गलत उत्तरों के लिए कोई नकारात्मक अंक नहीं हैं।

conclusion of examination.

10. Use only Blue/Black Ball point pen.

11. Use of any calculator or log table etc., is prohibited.

12. There is no negative marks for incorrect answers

COMPUTER SCIENCE

Paper – II

Note: This paper contains **fifty (50)** objective type questions of **two (2)** marks each. **All** questions are compulsory.

- 1. Consider a set $A = \{1, 2, 3, \dots, 1000\}$. How many members of A shall be divisible by 3 or by 5 or by both 3 and 5?
 - (A) 533

(B) 599

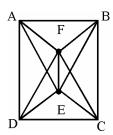
(C) 467

- (D) 66
- **2.** A certain tree has two vertices of degree 4, one vertex of degree 3 and one vertex of degree 2. If the other vertices have degree 1, how many vertices are there in the graph?
 - (A) 5

(B) n-3

(C) 20

- (D) 11
- **3.** Consider the Graph shown below :



This graph is a _____

(A) Complete Graph

(B) Bipartite Graph

(C) Hamiltonian Graph

- (D) All of the above
- 4. A computer program selects an integer in the set $\{k : 1 \le k \le 10,00,000\}$ at random and prints out the result. This process is repeated 1 million times. What is the probability that the value k = 1 appears in the printout atleast once?
 - (A) 0.5

(B) 0.704

(C) 0.632121

(D) 0.68

5. If we define the functions f, g and h that map R into R by:

 $f(x) = x^4$, $g(x) = \sqrt{x^2 + 1}$, $h(x) = x^2 + 72$, then the value of the composite functions ho(gof) and (hog)of are given as

(A) $x^8 - 71$ and $x^8 - 71$

(B) $x^8 - 73$ and $x^8 - 73$

(C) $x^8 + 71$ and $x^8 + 71$

- (D) $x^8 + 73$ and $x^8 + 73$
- **6.** The BCD adder to add two decimal digits needs minimum of
 - (A) 6 full adders and 2 half adders
 - (B) 5 full adders and 3 half adders
 - (C) 4 full adders and 3 half adders
 - (D) 5 full adders and 2 half adders
- 7. The Excess-3 decimal code is a self-complementing code because
 - (A) The binary sum of a code and its 9's complement is equal to 9.
 - (B) It is a weighted code.
 - (C) Complement can be generated by inverting each bit pattern.
 - (D) The binary sum of a code and its 10's complement is equal to 9.
- 8. How many PUSH and POP operations will be needed to evaluate the following expression by reverse polish notation in a stack machine (A * B) + (C * D/E)?
 - (A) 4 PUSH and 3 POP instructions
- (B) 5 PUSH and 4 POP instructions
- (C) 6 PUSH and 2 POP instructions
- (D) 5 PUSH and 3 POP instructions
- **9.** The range of representable normalized numbers in the floating point binary fractional representation in a 32-bit word with 1-bit sign, 8-bit excess 128 biased exponent and 23-bit mantissa is
 - (A) 2^{-128} to $(1-2^{-23}) \times 2^{127}$
- (B) $(1-2^{-23}) \times 2^{-127}$ to 2^{128}
- (C) $(1-2^{-23}) \times 2^{-127}$ to 2^{23}
- (D) 2^{-129} to $(1-2^{-23}) \times 2^{127}$
- **10.** The size of the ROM required to build an 8-bit adder/subtractor with mode control, carry input, carry output and two's complement overflow output is given as
 - (A) $2^{16} \times 8$

(B) $2^{18} \times 10$

(C) $2^{16} \times 10$

(D) $2^{18} \times 8$

11. What will be the output of the following 'C' code?

```
main ( )  \{ int x = 128; \\ printf ("\n%d", 1 + x ++); \}
```

(A) 128

(B) 129

(C) 130

- (D) 131
- **12.** What does the following expression means?

```
char *(*(*a[N])())();
```

- (A) a pointer to a function returning array of n pointers to function returning character pointers.
- (B) a function return array of N pointers to functions returning pointers to characters
- (C) an array of n pointers to function returning pointers to characters
- (D) an array of n pointers to function returning pointers to functions returning pointers to characters.
- **13.** Which of the following is not a member of class?
 - (A) Static function

(B) Friend function

(C) Const function

- (D) Virtual function
- **14.** When an array is passed as parameter to a function, which of the following statements is correct?
 - (A) The function can change values in the original array.
 - (B) In C, parameters are passed by value, the function cannot change the original value in the array.
 - (C) It results in compilation error when the function tries to access the elements in the array.
 - (D) Results in a run time error when the function tries to access the elements in the array.

15.		ch of the following differentiates bettions?	etwee	n overloaded functions and overridden
	(A)	Overloading is a dynamic or runtim time binding.	e bind	ing and overridden is a static or compile
	(B)	Overloading is a static or compiler runtime binding.	time	binding and overriding is dynamic or
	(C)	Redefining a function in a friend of function in a derived class is called a		s called overloading, while redefining a ridden function.
	(D)	Redefining a function in a derived redefining a function in a friend class		s is called function overloading, while led function overriding.
16.	Divi	sion operation is ideally suited to hand	le que	ries of the type :
	(A)	customers who have no account in ar	y of t	he branches in Delhi.
	(B)	customers who have an account at all	l branc	ches in Delhi.
	(C)	customers who have an account in at	least o	ne branch in Delhi.
	(D)	customers who have only joint accou	nt in a	any one branch in Delhi
17.	Whi	ch of the following is true?		
	I.	Implementation of self-join is possib	le in S	QL with table alias.
	II.	Outer-join operation is basic operation	on in r	elational algebra.
	III.	Natural join and outer join operations	s are e	quivalent.
	(A)	I and II are correct.	(B)	II and III are correct.
	(C)	Only III is correct.	(D)	Only I is correct.
18.		at kind of mechanism is to be taken in ag entity set in entity-relationship diagr		ount for converting a weak entity set into
	(A)	Generalization	(B)	Aggregation
	(C)	Specialization	(D)	Adding suitable attributes
19.		best normal form of relation scheme endencies $F = \{AB \rightarrow C, AB \rightarrow D, C \rightarrow B\}$		B, C, D) along with the set of functional $D \rightarrow B$ is
	(A)	Boyce-Codd Normal form	(B)	Third Normal form
	(C)	Second Normal form	(D)	First Normal form
20.		tify the minimal key for relational endencies $F = \{A \rightarrow B, B \rightarrow C, AC \rightarrow B, B \rightarrow C, AC \rightarrow B, B \rightarrow C, AC \rightarrow B \}$		me R(A, B, C, D, E) with functional
	(A)	A	(B)	AE
	(C)	BE	(D)	CE
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Pape	(C)	1011	(D)	1110 D-87-14
	(A)	1010	(B)	1110
27.		classful addressing, first four bits in Cl		
	(0)		(D)	10000
	(C)	1000	(D)	10000
4 0.	(A)	10	(B)	100
26.	The	period of a signal is 10 ms. What is its	freque	ency in Hertz ?
	(C)	2n −1 nodes	(D)	2 ⁿ nodes
	(A)	n nodes	(B)	log ₂ n nodes
25.	A fu	Il binary tree with n leaves contains		
	(C)	570	(D)	575
	(A)	560	(B)	565
24.		sider an array A[20, 10], assume 4 w A is 100. What is the address of A[11	-	per memory cell and the base address of Assume row major storage.
	(C)	Swap space	(D)	Cache
	(A)	Symbol table	(B)	Partition
23.	The entri	•	_ that	translates filenames into their directory
	(C)	Quick sort	(D)	Insertion sort
	(A)	Bubble sort	(B)	Selection sort
22.	Whi	ch of the following sorting method wo	uld be	
	(C)	ABD + ^EF / – G+	(D)	ABD^ + EF / – G+
	(A)	$ABD^+ EF - / G+$	(B)	$ABD + ^EF - / G+$
	(A +	$B^{\wedge}D)/(E-F)+G$		

21. Convert the following infix expression into its equivalent post fix expression

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	(D)	None of the above		
	(C)	Both (A) and (B)		
	(B)	All $LR(K)$ parsers with $K > 1$ can be	transf	formed into LR(1) parsers.
	(A)	Canonical LR parser is LR (1) parser	with	single look ahead terminal
32.	Whic	ch of the following is true?		
	(D)	Shift step that does not advance in to completed grammar rule to form a six	-	out stream and Reduce step that applies a ree.
	(C)	Shift step that advances in the input that applies a completed grammar rule		m by $K(K = 2)$ symbols and Reduce step orm a single tree.
	(B)	<u> </u>		am by one symbol and Reduce step that e recent parse trees, joining them together
	(A)	•	rule t	m by $K(K > 1)$ symbols and Reduce step o some recent parse trees, joining them 1.
31.	Shift	-Reduce parsers perform the following	g:	
	(C)	18	(D)	19
	(A)	16	(B)	17
	key '		(T)	
30.		•	S algo	rithm, which is parameterized by a 56-bit
	(C)	120,00,000 bits/baud	(D)	None of the above
	(A)	0.336 bits/baud	(B)	3 bits/baud
29.		analog signal has a bit rate of 6000 bps ents are carried by each signal elemen		a baud rate of 2000 baud. How many data
	(C)	Reverse path forwarding	(D)	All of the above
	(A)	Flooding	(B)	Multidestination routing

Which of the following algorithms is not a broadcast routing algorithm?

28.

33.	In a	two-pass assembler, symbol table is		
	(A)	Generated in first pass		
	(B)	Generated in second pass		
	(C)	Not generated at all		
	(D)	Generated and used only in second pa	.SS	
34.	Debi	ougger is a program that		
	(A)	allows to examine and modify the cor	itents	of registers
	(B)	does not allow execution of a segmen	t of p	rogram
	(C)	allows to set breakpoints, execute a register	segn	nent of program and display contents of
	(D)	All of the above		
35.	The	following Context-Free Grammar (CFC	G):	
	$S \rightarrow$	aB bA		
	$A \rightarrow$	→ a as bAA		
	$\mathrm{B} o$	b bs aBB		
	will	generate		
	(A)	odd numbers of a's and odd numbers	of b's	S
	(B)	even numbers of a's and even number	s of t	o's
	(C)	equal numbers of a's and b's		
	(D)	different numbers of a's and b's		
36.	Cons	sider the following justifications for con	nmor	nly using the two-level CPU scheduling:
	I.	It is used when memory is too small to	o holo	d all the ready processes.
	II.	Because its performance is same as th	at of	the FIFO.
	III.	Because it facilitates putting some s made from that.	set of	processes into memory and a choice is
	IV.	Because it does not allow to adjust the	e set o	of in-core processes.
	Whi	ich of the following is true?		
	(A)	I, III and IV	(B)	I and II
	(C)	III and IV	(D)	I and III
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		70 K of bootstrap code. If five editors nory is needed if shared text is used?	are st	arted simultaneously, how much physical
	(A)	1135 K	(B)	335 K
	(C)	1065 K	(D)	320 K
38.		ch of the following conditions does not lem?	ot hol	d good for a solution to a critical section
	(A)	No assumptions may be made about	speeds	s or the number of CPUs.
	(B)	No two processes may be simultane	ously	inside their critical sections.
	(C)	Processes running outside its critical	sectio	n may block other processes.
	(D)	Processes do not wait forever to ente	r its cı	ritical section.
39.	the p mini gives	page size be y bytes, and each page en mizes the total overhead due to the page by	try req	opose the average process size be x bytes, juires z bytes. The optimum page size that ble and the internal fragmentation loss is
	(A)	$\frac{\lambda}{2}$	(B)	$\frac{\lambda L}{2}$
	(C)	$\frac{x}{2}$ $\sqrt{2xz}$	(D)	$\frac{xz}{2}$ $\frac{\sqrt{xz}}{2}$
40.	servi mod acce	ice a page fault is 8 m.sec. if an empty ified, and it takes 20 m.secs., if the	frame	le is held in registers. The time taken to e is available or if the replaced page is not ed page is modified. What is the average the page to be replaced is modified 70%
	(A)	11.6 m.sec.	(B)	16.4 m.sec.
	(C)	28 m.sec.	(D)	14 m.sec.
41.		are applied throughout the so	ftware	process.
	(A)	Framework activities	(B)	Umbrella activities
	(C)	Planning activities	(D)	Construction activities
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37. A specific editor has 200 K of program text, 15 K of initial stack, 50 K of initialized data,

42.	Man	agement and Integrated Supplier Management are process areas required to achieve writy level
	(A)	Performed
	(B)	Managed
	(C)	Defined
	(D)	Optimized
43.	of th	software of a program or a computing system is the structure or structures e system, which comprise software components, the externally visible properties of e components, and the relationships among them.
	(A)	Design
	(B)	Architecture
	(C)	Process
	(D)	Requirement
44.		ch one of the following set of attributes should not be encompassed by effective vare metrics?
	(A)	Simple and computable
	(B)	Consistent and objective
	(C)	Consistent in the use of units and dimensions
	(D)	Programming language dependent
45.	Whi	ch one of the following is used to compute cyclomatic complexity?
	(A)	The number of regions – 1
	(B)	E-N+1, where E is the number of flow graph edges and N is the number of flow graph nodes.
	(C)	P-1, where P is the number of predicate nodes in the flow graph G.
	(D)	P + 1, where P is the number of predicate nodes in the flow graph G.

46.	Con	sider	the fo	llowii	ng statei	ments S	1 and S2:						
	S1:							tel in the source cell is retained and used the target cell.					
	S2:						ch the channe cell is engage	ne channel in the source cell is released and only is engaged.					
	(A)	S 1	is true	and S	S2 is not	t true.	(B)	S1 is not true and S2 is true.					
	(C)	Bot	h S1 a	and S2	2 are tru	e.	(D)	Both S1 and S2 are not true.					
47.	Fact	-less	fact ta	ıble in	a data	warehoi	use contains						
	(A)	onl	y mea	sures			(B)	only dimensions					
	(C)	key	s and	meası	ıres		(D)	only surrogate keys					
48.		ch e-		ess m	odel al	lows co	onsumers to	name their own price for products and					
	(A)	B2	В				(B)	B2 G					
	(C)	C2	C				(D)	C2 B					
49.	custo	omer:				_	U 1	ees down by increasing the number of					
49. 50.	(A) (C)	Eco Dat	s who onomic a Min	buy a c Ordering wing	particu er Quan	lar prod	o bring prioduct at once. (B) (D)	Inventory Demand-Sensitive Pricing					
	(A) (C)	Ecc Dat	s who onomic a Min e follo List	buy a c Order ing wing - I	particu er Quan	lar prod	luct at once. (B) (D)	Inventory Demand-Sensitive Pricing List – II					
	(A) (C)	Ecc Dat	s who onomic a Min e follo List	buy a c Order ing wing - I	particu er Quan	lar prod	luct at once. (B) (D) Interface	Inventory Demand-Sensitive Pricing					
	(A) (C) Mate	Ecc Dat	s who onomica Min e follo List	buy a c Order ing wing - I	particu er Quan	lar prod	luct at once. (B) (D) Interface	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC)					
	(A) (C) Mate	Eco Dat ch the Cal A-b	s who onomica Min e follo List	buy a c Order ing wing - I	particu er Quan	lar prod tity i.	Interface (BTS) and Spread spe	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC)					
	(A) (C) Mate	Ecc Dat ch the Cal A-b BSI	s who onomic a Min e follo List dicontractions	buy a c Order ing wing - I	particu er Quan	lar prod tity i. ii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management etween Mobile Switching Centre					
	(A) (C) Mate	Ecc Dat ch the Cal A-b BSI CD	s who onomic a Min e follo List : l continuis MAP MA	buy a c Order ing wing - I	particuer Quan	lar prod tity i. ii. iii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management					
	(A) (C) Mate	Ecc Dat ch the Cal A-b BSI CD es: a	s who onomic a Min e follo List do List MAP MA	buy a c Orde ing wing - I rol pro	particuer Quan : otocol	lar prod tity i. ii. iii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management etween Mobile Switching Centre					
	(A) (C) Mate a. b. c. d. Cod	Eco Dat Cal A-b BSI CD es: a	s who onomic a Min e follo List di contin MAP MA	buy a c Orde ing wing - I rol pro	particuer Quan cotocol d ii	lar prod tity i. ii. iii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management etween Mobile Switching Centre					
	(A) (C) Mate a. b. c. d. Cod (A) (B)	Eco Dat Cal A-b BSI CD es: a iii	s who onomic a Min e follo List l control MAP MA	buy a c Orde ing wing - I rol pro	particuer Quan cotocol d ii ii	lar prod tity i. ii. iii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management etween Mobile Switching Centre					
	(A) (C) Mate a. b. c. d. Cod	Eco Dat Cal A-b BSI CD es: a	s who onomic a Min e follo List di contin MAP MA	buy a c Orde ing wing - I rol pro	particuer Quan cotocol d ii	lar prod tity i. ii. iii.	Interface (BTS) and Spread spec	Inventory Demand-Sensitive Pricing List – II between Base Transceiver Station Base Station Controller (BSC) ectrum n management etween Mobile Switching Centre					

						PAPER Compu		cie		. 12/06 and App		75	
QNO	ANS		QNO	ANS		QNO	ANS		QNO	ANS		 	
1 1	С		26	в 		51			76		_	 	
2	D	1	27	Z	-	52			77				
3	С	I	28	D	I	53			78				
4	С	I	29	В	- 1	54		-	79		_		
5	D	1	30	D	-	55			80				
6	D		31	В		56			81		_		
7	2		32	С		57			82		_		
8	В		33	A		58 		 	83		_		
9	D		34	С		59			84		_		
10	В		35	Z		60			85		_		
11	В		36	D		61			86		_		
12	Z		37	В		62			87		_		
13	В		38	C		63			88		_		
14	Α		39	C		64			89		_		
15	В		40	В		65			90		_		
16	В		41	В		66			91		_		
17	D		42	C		67			92		_		
18	D		43	В		68			93		_		
19	В		44	D		69			94		_		
20	А		45	D		70			95		_		
21	А		46	D		71			96		_		
22	D		47	D		72			97		_		
23	А		48	D		73			98		_		
24	А		49	D		74			99		_		
 25	C	 	50	В	 	75		 	100		_		

Z=ALL OPTIONS ARE CORRECT/ 1=A,B/ 2=A & C OPTIONS ARE CORRECT/ 3=A & D OPTIONS ARE CORRECT/ 4=B & C OPTIONS ARE CORRECT/ 5=B & D OPTIONS ARE CORRECT/ 6=D & C OPTIONS ARE CORRECT/ 7=A, C & D OPTIONS ARE CORRECT/ 8=A, B & C OPTIONS ARE CORRECT