THE THE DIATE AND SECTION AND SECTION OF THE SECTIO	Roll No:		Answer Sheet No:	
	Signature of Candid	late:	Signature of Invigilator:	
SLAMARAD	2			

	AMAD		Federal Board HSSC-I E Computer Science Model Q		
			SECTION – A	<u> </u>	
Time	allow	ed: 30 r	minutes		Marks: 15
Note:	answe hande	ered on th	ompulsory and comprises pages are question paper itself. It should to the Centre Superintendent. Dele	e compl	leted in the first 30 minutes and
Q.1	Encir	cle the c	orrect option i.e. A / B / C / D / E	. All par	rts carry equal marks.
	i.	A. C.	ece of hardware that temporarily ho Primary storage Secondary storage Input	olds data B. D.	and program is called CPU Output
	ii.	direction A. C.	of the following transmission lines ons but not simultaneously? Simplex Full duplex Parallel	B. D.	d and receive data in both  Half duplex Serial
	iii.	A. C.	of the following keys is used to car Arrow Num lock del	B. D.	peration? Caps lock Esc
	iv.	A.	of the following tasks is related to System specifications Feasibility study All of these	System A B. D.	Analysis phase? System scope Feasibility report
	v.	WWW A. C. E.	stands for Web Wide World Wide World Web Wide Web World	B. D.	World Wide Window World Wide Web
	vi.	CAD st A. C. E.	tands for:  Computer Aided Design  Computer Added Drawing  Computer Animated Design	B. D.	Computer Assisted Design Computer Automated Design
	vii.		book is a group of  Many Rows  Worksheets  Active Cell	B. D.	Many Columns Least number of Columns

Page 1 of 4 Turn Over

## DO NOT WRITE ANYTHING HERE

viii.	Which component of CPU is responsible for deciding which operations are to be								
	-	med by the CPU?	ъ	CIT					
	A.	ALU	В.	CU					
	C.	Register	D.	Memory					
	E.	Bus							
ix.	Which of the following devices is not an input device?								
	A.	Keyboard	B.	Mouse					
	C.	Monitor	D.	Microphone					
	E.	Scanner							
х.		printer is an example of impact p	rinters.						
	Ā.	Laser	B.	Dot-matrix					
	C.	Deskjet	D.	Thermal					
	E.	Inkjet	Ъ.	Therma					
xi.	Which of the following layers provides reliable and transparent transfer of packets between stations?								
	A.	Presentation layer	B.	Session layer					
	C.	Transport layer	D.	Application layer					
	E.	Data link layer							
xii.	The number of bits a computer can process at one time is called								
A11.	A.	Bit strength	B.	Crunch capacity					
	C.	Byte size	D.	Word size					
	E.	Band width	Ъ.	Word Size					
xiii.	•	networks include a central computer							
	A.	Server	В.	Bridge					
	C.	Gateway	D.	Client					
	E.	Workstation							
xiv.	The se	t of rules to exchange data in a comm	nunicatio	on network is called					
	A.	Gateway	B.	Procedure					
	C.	Protocol	D.	Token					
	E.	Language							
xv.	A communication technique to transmit large volume of data over long distance is								
		Dogehand	D	Duoodhand					
	A. C.	Baseband Bandwidth	B.	Broadband					
	*	Bandwidth	D.	Narrowband					
	E.	Wideband							

xvi.	Which communication medium requires line of sight?							
	A. C.	Microwave Twisted pair	B. D.	Fiber optics Coaxial				
	E.	Radio Wave						
xvii.	Which	h of the following is not an antivirus	progran	m?				
	A.	Trojan	B.	Norton				
	C.	Dr. Solomon	D.	Mcafee				
	E.	Security essentials						
xviii.	Which	h of the following software supports	work gi	roup computing?				
	A.	Shareware	B.	Freeware				
	C.	Groupware	D.	Adware				
	E.	Firmware						
xix.		IP works at layers.						
	A.	Network and Transport	В.	Application and Data link				
	C.	Physical and session	D.	Session and Transport				
	E.	Application and Network						
XX.	Which of the following register generates address of the next instruction to be fetched?							
	A.	DAR	В.	DR				
	C.		D.	IR				
	E.	AC						
xxi.	OCR	is an acronym of:						
	A.	Optical Card Reader	B.	Optical Character Reader				
	C.	Optical Card Recognition	D.	Optical Circuit Reader				
	E.	Optical Character Recognition						
xxii.	In which kind of network, every computer is capable of playing the role of client,							
		or both at the same time?	D	Dadiastad Campan				
	A. C.	Client Server	B.	Dedicated Server Circuit Switched				
	C. E.	Peer to Peer Packet Switch	D.	Circuit Switched				
	L.							
xxiii.	makes use of computer systems to assist in the creation, modification, analysis and optimization of design.							
	A.	e-commerce	B.	simulation				
	C.	CAD/CAM	D.	forecasting				
	E.	e-banking	ъ.	Torocusting				
xxiv.	Which	Which of the following bus is uni-directional?						
AA1 ( .	A.	address bus	B.	control bus				
	C.	data bus	D.	system bus				
	E.	universal serial bus	Σ.	system ous				
xxv.	Which disk is used to start-up your computer, if there is a problem on your hard							
	disk?	floppy disk	В.	boot disk				
	C.	compact disk	D.	zip disk				
	E.	digital video disk	D.	Zip disk				

xxvi.	How	How you can select all the items in a window by pressing:						
	A.	Ctrl + A	В.	Ctrl + b				
	C.	Ctrl + c	D.	Ctrl + v				
	E.	Ctrl + s						
xxvii.	Whic word	ch of the following features is used?	to find the	synonym for the selected				
	A.	Word wrap	B.	Spell check				
	C.	Built in thesaurus	D.	formatting				
	E.	mail merge						
xxviii.	mark	ch of the following is an appropriate ing in cells B2, B3 < B4.						
	A.	= (B2 + B3 + B4)/300 * 100	В.	(B2 + B3 + B4)/300 * 100				
	C.	= B2 + B3 + B4/300 * 100	D.	= (B2 + B3 + B4)/100 * 30	00			
	E.	(B2 + B3 + B4/300) * 100						
xxix.	Whic	ch of the following is the major lang	guage of w	www?				
	A.	http	B.	java				
	C.	php	D.	html				
	E.	atta vista						
XXX.	In the	e address <u>smith@spark.barkley.edu</u>	, which pa	art refers to the domain name?	?			
	A.	Smith	В.	Spark				
	C.	Barkley	D.	edu				
	E.	barkley.edu						
For Examine	r's us	e only						
	1 5 45			O.N. 1 T. 1 M. 1	1.5			
				Q. No.1: Total Marks:	15			
				Marks Obtained:				
				· ·				



# Federal Board HSSC-I Examination Computer Science Model Question Paper

Time allowed: 2.30 hours Total Marks: 60

Note: Sections 'B' 'C' and 'D' comprise pages 1-2 and questions therein are to be answered on the separately provided answer book. Use supplementary answer sheet i.e., sheet B if required. Write your answers neatly and legibly.

### **SECTION – B** (Marks 21)

#### **Note:** Section-B consists of following topics of the syllabus:

- a. Basic Concepts of IT
- d. Information networks
- b. Data communication
- e. Applications and use of computers
- c. Hardware and system software
- Q.2 Attempt any **SEVEN** parts from the following. All parts carry equal marks.  $(7 \times 3 = 21)$ 
  - i. Differentiate between system software and application software by giving examples.
  - ii. Write down the purpose of Plotter. Also define its two types.
  - iii. Draw and label block diagram of computer system.
  - iv. Briefly define any three layers of OSI Model.
  - v. Define three data communication modes.
  - vi. Write down three types of data communication speed.
  - vii. How computer can be useful in Medical field by giving example?
  - viii. Define three types of ROM.
  - ix. Write down the function of following:
    - a. Program counter register
- Instruction register
- c. Accumulator register
- x. What is VIRUS? How can it damage computer?

### **SECTION – C** (Marks 21)

b.

**Note:** Section-C consists of following topics of the syllabus:

- a. Security, copyright and the law
- d. Spreadsheet (Using MS-Excel 2000)
- b. Operating systems (Windows)
- e. Internet, Internet browsing and e-mail
- c. Word processing (using MS-Word 2000)
- Q.3 Attempt any **SEVEN** parts from the following. All parts carry equal marks.  $(7 \times 3 = 21)$ 
  - i. Write down any three ways to spread virus.
  - ii. Write down steps to restore data from the Recycle Bin?
  - iii. Give three benefits of GUI Operating System over command Line Operating System.
  - iv. Write down the purpose of the following:
    - a. Word Wrap
- b. Thesaurus
- c. Undo

	Page 1 of 2	Turn Over
v.	Differentiate between copy and move the text in MS-Word.	
vi.	What is the use of chart in MS-Excel? List any two types of charts.	

- Write down step to send an MS-Word document through E-mail. vii.

- What is web surfing? Write down name of any four search engines. viii.
- Define website and web browser. ix.
- Differentiate between LAN and WAN. X.

### **SECTION – D** (Marks 18)

Note:	Attempt any	THREE q	uestions. All q	uestions carry	y equa	l marks. (	3	× 6	= 1	8)

- Q.4 Describe the usage of printers also mention the working capacity and mechanism of any three different types of printers.
- Q.5 Define computer networks. Describe the purpose and benefits of computer networks. (6)
- What is data communication media? Explain three types of a guided communication Q.6 media with examples. (6)
- What is the data protection act? Explain the data protection principles. **Q**.7 (6)

