UNIVERSITY OF THE PUNJAB



B.A. / B.Sc. Part – I Annual Examination - 2017

Roll	No.	 	

Subject: Computer Studies-I

PAPER: A (Introduction to IT and Computer Programming)

TIME ALLOWED: 3 hrs.

MAX. MARKS: 70

NOTE: Question # 1 in Part – I and Question # 5 in Part-II are compulsory. Attempt TWO of the remaining THREE questions in Part-I and Part-II.

For objective type questions (Question#1 and Question#5), you do not need to write the question statements. You are only required to write the part number (e.g. 1, 2, 3, etc.) and your selected answer letter (e.g. A or B or C or D) against it. Cutting and/or overwriting should be avoided. You must provide answers to the questions in the sequence (from 1 to 15)

Part-I (Inti	oduction to I	nformation T	echnology)		Max Marks: 35	
						(15)
O#1 (Dos	ll parts in this o	s responsible for	r controlling varie	ous com	puter operations.	
	Unit (B) Ou		(C) Control Unit) Storage Unit	
2 A compu	ter program that		• •		language is called a/an	
(A) Inter	and the same		(C) Compiler	(D) Commander	
3 i	s the measureme	ent of things suc	h as fingerprints	and retin	al scans used for security	access.
(A)Bion		o measurement	(C) Computer se	curity	(D)Smart machinery	7
	puter, most of th					
(A) Men	ory (B)R/	AM	(C) Motherboard	•) CPU	
5. ROM ch	ips, called	, contain per	manently writter	data, in	structions, or information	•
		(B) Registers		Œ)) Transistors	
6. Optical	discs store items	by using				
(A) Lase	r beam (B) El	lectron gun	(C) Magnetic be	eam (I)) Electric beam	
7. Which o	f the following	does not store d	ata permanently?			
(A) RO			(C) Floppy Disl	,	O) Hard Disk	
8. Comput			ces also known a	ıs		
(A) Reg	isters (B) A	uxiliary storage	(C) RAM	(1	D) Cache storage	
9. A DVD	A DVD is an example of a (n)-				ns a 111-lete etempo dorre	riaa.
(A) Har	d disk (B) C	optical disc	(C) Output dev	ice (D) Solid-state storage dev	rice
	all is a(n)		_	,	D) Decembring language	A
	at device (B) C		(C) Software	(D) Programming languag	C
11. Which	of the following				D) All of these	
(A) Ke		Mouse	(C) Card reade		•	
12. As con	pared to comma	and line operation	ng system, GUI o	peraung	system is.	n
(A) Mo	re Efficient	(B) Easier to	use (C) Mo	high en	le (D) All of the give	
					eed internet connection. (D) microwave	
(A) rad	address consists		(C) ultraviolet	•	(4)	
				(D) Eigh	ht	
(A)Tw			` '		er making it uniquely id	lentifiable
among	st all the comput	ters connected to	the Internet.			
(A) IP	address (B)	MAC address	(C) Inode	(D) Not	ne of the above	
O# 2: Ex	plain the following	ng types of inpu	t mechanisms:			(10)
	otical scanning ometric input	c) Magnetic d) Bar Code	stripe card input Readers			
<u>Q# 3:</u>	*					(5)
a) De b) Br	escribe the basic iefly explain diff	operations of m ferent quality ch	achine cycle. aracteristics of d	isplay de	evices.	(5)
					hub, switch and router.	⁽¹⁰⁾ (P.T.O.)

F	ar	t-II (Compute	<u>er Program</u>	ming)			N	lax Mark	s: 35
9)#:	5 (Do all parts	in this questi	on)					(15)
		What is the value		-	the staten	nent x = 1	0*2+5 is 6	executed?	
		A) 10 (B) 20	-		70				
2	•	Let A = 10 and I		•	•	AND NO	T(B=20)	evaluates to)
		A) True (B) Fa				,,		· · · · · · · · · · · · · · · · · · ·	
3		variabl		reserves valu	e even wl	nen a proc	edure end	ls.	
		A) Static	_			-			
4	•	You declare a na		•	•				
		A) Constant					medCons	tant	
5		functi	` '	•	•	` ,	incacons	wait	
		A) Message					nd.		
6				* //		(2) 111	Ju		
·	6. IDE stands for							ant	
	(B) Information I	Development F	Environment	(D) I	nternal D	evelopme	nt Environm	nent
7	. Т	The list of forms	will display in	tree like str	ucture in		win	dow.	
		A) form	(B) project e					O) form layo	out
8		e	vent will exec	ute automati	cally at th	e activation	on of the t	ool.	
	(.	A) GotFocus	(B) LostFoci	ıs	(C) E	Enabled	(I	O) Click	
9	. I.	ike text box,	is a	nother tool u	sed for di	splay / ou	tput the in	formation.	
	(,	A) input box	(B) frame	(C) button	(D) r	nessage b	ox	•	
1	0. Iı	n a list box,	fund	ction is used	to insert i	tem to the	list.	>•	
	(4	A) addlist()	(B) additem((C)	addcoun	t()	(D) addda	ata()	
1	1	disp	lays a list of a	ll forms and	modules r	naking up	your app	lication.	
	(4	A) Project windo	w (B)Properti	es window (C) Form l	ayout win	dow (D)	All of the gi	ven
12	12. Which of the following properties determines the number of elements in an array?								
	(A	A)Size	(B) Elements	(C) Length	(D) N	nmberOf	Clements	ui array?	
13	i		property desig					hau	
	(A	A) Text	(B) Name	(C) Caption		one of the		oar.	
14	. w	hich of the follo	• •	_					
		A)Design	(B) Break	(C) Run	(D) T		ciaus;		
15	. Y	ou may change a	control's Te						
)True	(B) False	*					
Q#	# 6:	Write a VB 6	program that	asks the use	er to ente	r number	of electric	city unite o	has beenge
co	mpı	utes the electrici	ty bill on the b	oasis of the fo	ollowing to	ariff:	or ciccur	city units c	(10)
	Units Tariff								
				1 to 100 101 to 300	7 Rs. 10 Rs.	}			
				Above 300	13 Rs.				
Afi am	ter our	computing the consum	electricity cos	t, 16% sale	ax should	d be adde	d in it to	obtain the	total payable
the	we I ma	Write a program in are represente ek, minimum, n aximum.	u by numbers	U. I	e nrogran	a chould d	liculas, sk.		and the second of the second o
		rite a program to	find the indi-		a 34				•
	W	rite a program to ould display "Nu hat is the different . Object and	nce between the	id ii the give	en numbe	rom an arı r is not pr	ray of 100 esent in th	elements.	The program (6) (4)
	ii		nd function		•				