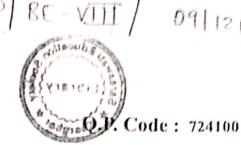
Examination:	November-December 2016	Date:	9-12-196	
Branch:	Computer Engineering	Subject:	HMI	
Class/SEM:	BE/VIII	Paper Code:	724100	
Examination:	November-December 2016	Date:	25-11-16	
Examination: Branch:	November-December 2016 Computer Engineering	Date: Subject:	25-11-16 DF	

HMI/CBSGS/COMP/BE-VIII/ 09/12/16

SUB :- HME



(3 Hours)

2 0445 CO445 229120109:59:5 [Total Marks : 80

- N.B.: (1) Q 1 is Compulsory
 - (2) Solve any 3 from remaining Questions
 - (3 Please specify your answers with neat sketches and Example wherever necessary
 - (4) Assume any data if not specified
- 1. Solve any five of the following.
 - (a) What are the three levels of processing? Explain
 - (b) Explain Goal Directed design process in brief.
 - (c) Mention steps in constructing persona
 - (d) What do you mean by direct manipulation and indirect minipulation
 - (e) Discuss issues related to Long Term Memory and short Term Memory.
 - What do you mean by keyboard accelerators (f)
- How reading is important in UI Design? Write your comme. ts related 10 2. (A) to the quote "Poor Design may affect Reading".
 - In the state of Maharashtra, Water Distribution Company want to provide 10 (B) self- help portal for its customers. The portal consists of online meter logging facility, Bill Payments, VDS i.e Voluntary Deposit Scheme for Bill. Complaints and other facilities. Being a Subject Matter Expert (SME) provide the detailed analysis and for the same provide the Interface that will be used by people in all Districts of Maharashtra
- What are the advantages and Disadvantages of Digital or Graphical 10 3. (A) systems? Explain in brief.
- It is necessary to provide state of an art digital KIOSK for Rural India 10 **(B)** where citizens can register for Birth/ Death Certificates, Insurance premium ayments, Postal Schemes such as Investments, Money nen Metc. The Unfigured in Local design for the same. Transfer, etc. The application will be easy and multilingual to be configured in Local Language. Provide suitable Analysis and Interface



TURNOVER Scanned by CamScanner



Q.P. Code : 724100

- 4. (A)
- What do you mean by response time? What are various to 10 methodologies adopted for Feedback and guidance? Provide a systematic design analysis for Municipal Co-dobile App; to perform Tax and billing relations of client, Describe the lis, pay tax, Comptain Mobile App; to perform Tax and billing related transactions such as Registration of client, Describe the Property, get Tax and water Charge bills, pay tax, Complaints and many other relevant operations.

20

		1- VII4 CD	DFC	(BGS)	Corop	1 m	- C	1
		9.1	- DF ((m)}	26W XTU	25/11	116
And St.		240	- Br		OP	NOV-	Dec -	2016
			(2.1)		Q/ Q	CODE : 72500.	,	
	N	.B. (1) Question No.	(5 H	lours)		Total Mark	s 80	
		.B. (1) Question No. (2) Attempt any TI						
			l' i	with justification	questions. on.			~
	Q.	a) What do you me	an by incident resp	onse methodolor	v2 Evolain all ca	monants of it	10	0
		b) What do you me handling?	an by digital eviden	ce? What are the	challenges invo	imponents of it. Need in evidence tem.	10-10	pla -
	Q. 2	a) List and explain in	brief				Sec	
		a) List and explain in b) Explain procedures	i orier steps taken to	collect live data	from UNIX syst	tem.		
		b) Explain procedure	to investigate rout	ers.		L'AND	10	
	Q.3	a) Explain the terms :	i) DMCA (ii) CFAA	(iii) CAN	Spam	12016A	10	
		b) What are the steps	s involved in forensi	c analysis? Expla	in each in brief	. 4 ²	1.0	
	Q. 4	a) What are various h	acking tools? Explai	n any two in det	ails.	~	10	
		b) Explain the bodies.	of law. Explain the l	evels of law.			10	
	Q. 5	 a) What are various h b) Explain the bodies of a) Write the difference (i) netcat and cryptcat b)Explain procedure for advantages of it ? 	s hetween:	-f	. .		10	
	-	(i) netcat and cryptcat	(ii) Virus and Wor	·ms.	6			
		b)Explain procedure for	recording cryptog	raphic checksun	ns of critical file	s. What are the		
		advantages of it ?	0	1/2			10	
	Q. 6	Answer any four:		NAS .			20	
		a) Write short notes ofb) Explain the terms ;	on Evidence Validat	iôn. Qualified Fore	nsic Duplicate			
		c) Write short notes of	n Internet Fraud.					
		d) Explain techniques (e) Explain the storage l	used to recover the	e deleted files.				
		f) Explain levels of culp	ability.			al Education		
		7	by.		BE	Library		
		7 -						
		b P'				harghai		
		.0°						
		<u>,</u> 0 [.]						
	(16						
	5							
	123							
.4	∧`)							
OAA		51b70.7b.0b AM -					¥ .	
ĭ								
Contraction of the second								

Scanned by CamScanner