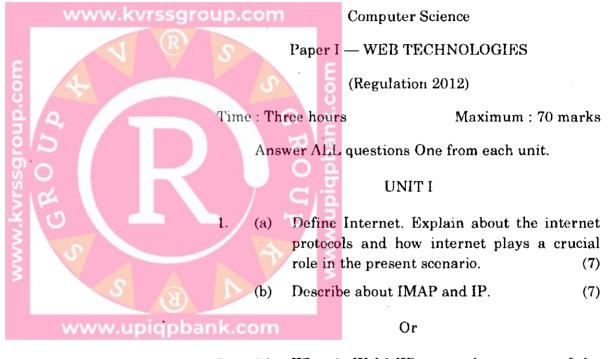
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- 2. (a) What is Web? What are the concepts of the web? Describe about Internet Standards. (7)
 - (b) Discuss about (i) Internet applications (ii) Host Names (iii) E-mail Protocols. (7)

UNIT II

UNIT IV

3.	(a)	Explain about Streams in de	tail. (7)	7.	(a)	Describe about Document Object Model a its collections.	nd (7)
	(b)	Describe about GET GRID	APPLICATION		41.5		
		program.	(7)		(b)	Discuss about Cascading Style Sheets (CSS	5). (7)
		Or	www.kv	rssgrou	p.co	Or	
4.	Crea	ate a Resume by using all option ML. UNIT III	ons in FORMS of	R 8.	(a)	Differentiate XSL and XML.	(7)
	HTN		(14)		(b)	Describe the CCI Script Structure and Modules.	its (7)
						O Y UNIT V	
5.	(a)	Define Java Script. What embedding Javascript in HI		9.	(a)	Discuss about Multitier applications us Data Base Connectivity.	ing (7)
		a Java Script program for GCD of two numbers using f			(b)	Establish a JSP Connection for retrievent the data from a HTML file to a JSP file.	i ng (7)
	(b)	Explain the Objects of Ja	iva Script with			Or	
		examples.	(7)	10.	Exp	olain 🔰	
		Or		B	(a)	Servlet Life cycle.	(4)
			www.up	iqpbank	(b)	ASP cookies.	(3)
6.	(a)	Discuss about Object and VE	Script. (7)	·	(c)	Components of JSP	(4)
	(b)	Write a VB Script program for inserting an		·	(d)	Compare JSP and ASP	(3)
		element into an array.	(7)			-	

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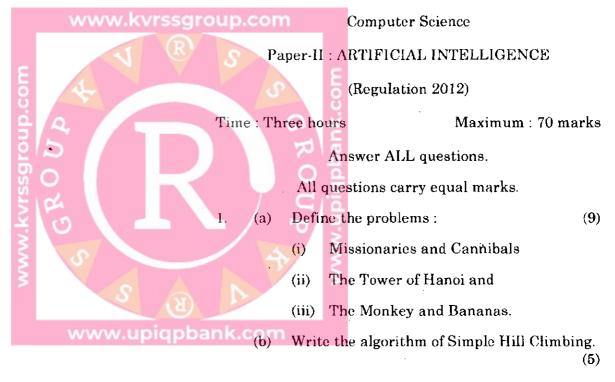
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Or

(c) What is Best-First search? Write and explain the A* algorithm with suitable examples. (14)

2.	(a)	Write Unification algorithm.	(5)	4. (a)	Describe in detail the components of a
	(b)	Consider the following facts :	(9)	•	planning system. (14) Or
٠		(i) John likes all kinds of food.		(b)	Explain Semantic grammars and Case
		(ii) Apples are food.			grammars in detail.
		(iii) Chicken is food.	ANA KAR	ssaro ō.o.c(a)	Write about any two Commonsense
		(iv) Anything anyone eats and isn by is food.		R S	ontologies in detail. (14)
		(v) Bill eats peanuts and is still aliv	ze.		E Or
		(vi) Sue eats everything Bill eats.		(b)	Write about the Explanation and Knowledge
		Convert these formulas into predica and write the clauses. Prove that 'Jo peanuts' using resolution.			acquisition facilitics provided 14 by an Expert system.
		Or 👸 🔾			
	(c)	Discuss the role of Matching in ex the applicable rules.	tracting (14)		P dr.
3.	(a)	Distinguish between Nonmo reasoning and Statistical reasoning.	notonic (4)		
	(b)	implementation of JTMS.	as an (10)	(B)	
		Or	ww.upic	qpbank.com	
	(c)	What are Partitioned Semantic ne What are Frames?	tworks? (4)		
	(d)	Design a Frame system for Baseba and give explanation.	ll team (10)		

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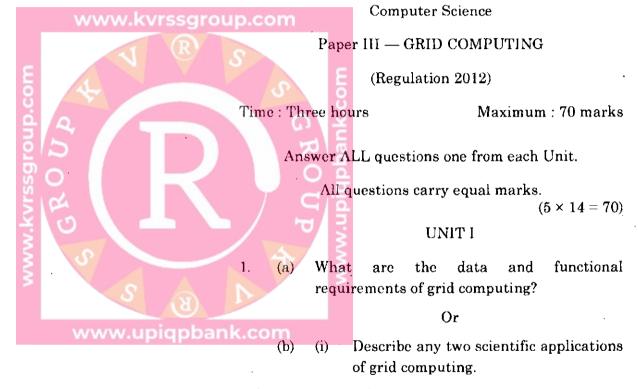
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(ii) What is grid? Describe its components with neat diagram.

UNIT IV

UNIT II

2. (a) How are grid computing organizations classified? Write about each category.

Or

(b) Discuss briefly about organization building VISSGIOU and using grid based solution to solve their computing data and network requirements.

UNIT III

- 3. (a) (i) Briefly explain terminologies
 - (1) web services
 - (2) Stateful web services
 - (3) Grid services
 - (4) Grid service interface.
 - (ii) With the help of a diagram, explain service description for web services. W. upiqpbank.com

the

following

5.

(a)

(b)

Or

- (b) (i) What is WSDL? Describe its components.
 - (ii) Explain Grid Service interoperability.
 - 2 (MCS403A12)

4. (a) Give any use case for OGSA. Explain its actor, scenarios and functional requirements.

\mathbf{Or}

(b) Give a high level introduction to OGSI, with a neat diagram depicting a typical web service and grid service layers.

UNIT V

Describe in detail the architecture of GT3. with the core services supported by the same.

Or

What extra services are needed in grid environment to manage data? Discuss data management and information services in GT3.

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	7) 7)
Fourth Semester WWW.kvrssgroup.com OR	,
Computer Science Paper III — MOBILE COMPUTING (Regulation 2012) (Regulation 2012) (Re	4)
Time : Three hours Maximum : 70 marks 7. Explain the different spread spectru technologies. (1	m 4)
1. (a) Write about Middleware and gateways. (7) 8. Write about following : (1 (b) Explain mobile computing through Internet. (7) 8. Write about following : (1	.4)
Or 2. Explain the Architecture of mobile computing. (14) (b) GPRS Applications. UNIT V	
	(7) (7)
(b) Explain mobile IP. (7) Or	14)
Or 10. Explain security issues in mobile computing. (14)	.4)

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