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THE UNIVERSITY OF THE WEST INDIES

Originating Campus: Cave Hill □ Mona 🛭 St. Augustine □	

	semester 1 = semest	er II 🗵 Supplement	al/Summer School [
	Examinations of Dece	mber 🗆 /April/	May ⊠ /July □	2018
	Originating Campus: C	ave Hill □ Mona	☑ St. Augustine	
Course Code and	Title: LIBS2502 – INTRO		INFORMATIC	
Date:			Time:	
Duration:	2 Hours		Pape	r No:
Materials required	<u>1:</u>			
	Answer booklet:	Normal □	Special □	Not required ⊠
	Calculator: Programme (where applicable)	ammable □	Non Progra	mmable □
•	e answer sheets: naterial(s) – Please specif		☐ alphabetica	al 🗆 1-20 🗆 1-100
	permitted to bring th			
Instructions	to Candidates: This	s paper has	s 7 pages &	9 questions.
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the First and Second Examiners, and where applicable the University and
handed to the Senior/Assistant Registrar (Examinations). Where applicable,
question paper and return it with comments, if any, (on a separate sheet), to
University Examiner (where applicable)
External Examiner (where applicable)
Date: 20/

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SECTION A (24 MARKS)

SHORT ANSWER QUESTIONS

PLEASE ANSWER EACH QUESTION, USING ONE TO THREE SENTENCES.

1.	Information is critical to the success of relevance, timeliness, completeness, cur	any business and must be evaluated based on: rrency. Briefly explain each. (2 marks)
	Relevance	
	Timeliness	
	Completeness	
	Currency	
2.	What are the possible risks faced by a b correctly. Identify FOUR (4) risks. (2 in	ousiness if it fails to evaluate Information marks)
The Univ	rersity of the West Indies Co	ourse Code 20/
DO NOT INSTRU External EXTERN	WRITE OR TYPE ON THE BACK OF THIS SHEE CTIONS: Each page must be signed by the First and SExaminers. Completed forms should be handed to the	
First Exa	miner	University Examiner (where applicable)
Second E	xaminer	External Examiner (where applicable)

Date: 20..../....

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	3. Identify FOUR (4) problems of managing data resources in a tradition (2 marks)	onal file format.
4a.	4a. What is a database? (1 mark)	
	4b. Briefly explain how data are organized in a database using at least F modelling terms. (4 marks)	OUR (4) data
	5. In assessing a Project's Feasibility, there are six areas that must be codiscuss each. (6 marks) Economic	onsidered. Briefly
	Operational	
	Technical	
Univ	University of the West Indies Course Code	20/
NOT TRUC rnal I TERN	NOT WRITE OR TYPE ON THE BACK OF THIS SHEET: USE ONE SIDE ONLY TRUCTIONS: Each page must be signed by the First and Second Examiners, and where applicable that Examiners. Completed forms should be handed to the Senior/Assistant Registrar (Examination ERNAL EXAMINER is required to sign the question paper and return it with comments, if any, or/Assistant Registrar (Examinations).	le the University and ons). Where applicable, th
	Examiner University Examiner	(where applicable)
	nd Examiner External Examiner (where applicab	le)
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	Schedule	
	Legal and contractual	
	Political	
6.	Explain the following critical Inf	Formation Security Challenges. (4 marks)
	Computer Viruses	
	Identity Theft	
	Denial of Service attacks	
	Ransom Ware	
7.	Businesses have employed an arr Explain how the following are us	ray of technology to protect their information resources. sed. (3 marks)
	Identity management and authen	tication
The Uni	versity of the West Indies	Course Code 20//
INSTRU External EXTER	Examiners. Completed forms should be hand	IIS SHEET: USE ONE SIDE ONLY First and Second Examiners, and where applicable the University and ded to the Senior/Assistant Registrar (Examinations). Where applicable, the stion paper and return it with comments, if any, (on a separate sheet), to the
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	Firewalls	
	Encryption and decryption	
		UESTIONS. DISCUSS WITH THE USING LY USED IN LIBRARIES. (26 MARKS)
8.		Open Source Software. Comment briefly on THREE isadvantages of using each? (10 marks)
The Univ	versity of the West Indies	Course Code 20/
INSTRU External EXTERN	Examiners. Completed forms should be hande	S SHEET: USE ONE SIDE ONLY rst and Second Examiners, and where applicable the University and ed to the Senior/Assistant Registrar (Examinations). Where applicable, the tion paper and return it with comments, if any, (on a separate sheet), to the
First Exa	aminer	University Examiner (where applicable)
	Examiner	External Examiner (where applicable)

Date: 20..../....

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9.	last fifteen years and has four Elizabeth and St. Catherine), e returned from University where has been encouraging his fathe current operations and expand t	medium sized business which has been operational for the branches, spread across three parishes (St. Andrew, St. A
a)	Briefly discuss how Benjamin (2) benefits to be derived. (4 mag)	an use an Information System in his business and TWorks)
b)	Briefly discuss Cloud computing (6 marks)	g and TWO (2) advantages and TWO (2) disadvantages
NOT STRU ternal	al Examiners. Completed forms should be ha	Course Code 20/ IIS SHEET: USE ONE SIDE ONLY First and Second Examiners, and where applicable the University and ded to the Senior/Assistant Registrar (Examinations). Where applicable, the estion paper and return it with comments, if any, (on a separate sheet), to the
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c)		e possibility of building a system in house? Discuss TW () disadvantages of doing so. (6 marks)	0
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		END OF PAPER	
The Unix	versity of the West Indies	Course Code 20//	
	•	OF THIS SHEET: USE ONE SIDE ONLY	
INSTRU External EXTERN	CTIONS: Each page must be signed by Examiners. Completed forms should be	the First and Second Examiners, and where applicable the University and the handed to the Senior/Assistant Registrar (Examinations). Where applicable question paper and return it with comments, if any, (on a separate sheet),	e, the to the
First Exa	miner	University Examiner (where applicable)	•
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Date: 20.	/	Date: 20/	