16U	421	(Page	es: 3)	Name	: :							
				Reg.N	No							
FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL 2018												
(Regular/Supplementary/Improvement)												
(CUCBCSS-UG) CC15U BCA4 C08 - MANAGEMENT INFORMATION SYSTEMS												
(Complementary Course)												
(2015 Admission onwards)												
Time:	Three Hours				Maximum: 80 Marks							
		PAR	ТА									
Answer <i>all</i> questions. Each question carries 1 mark.												
1.	1. The setting of goals and policies are the responsibilities of level.											
a) Top-level management		ement	b) management -control									
	c) TPS		d) operational control									
2. The equation to calculate the number of interconnections if all subsystems inte												
	a) ½ n(2n-1)	b) 2n-2	c) ½ n(n-1)		d) n^2 -1							
3.	3. In long term memory, the unit of stored information is											
	a) Byte	b) Chunks	c) Word		d) Bit							
4. A system is called when t			e inputs, process and the outputs are not known									
	in advance.											
	a) Probabilistic	b) Open	c) Determini	stic	d) Close							
5.	5 is the degree to which the decision maker is satisfied with the output of											
	the formal informat	ion system.										
	a) Information satisfaction		b) Defensive	b) Defensive avoidance								
	c) Satisfycing information			d) Information determination								
6.	Example of optimiz	ation techniques under	certainty:									
a) Game theory		b) Linear programming										
c) Transportation problem			d) Travelling salesman problem									
7. Which one of the following is not an important characteristic of useful and effect												
	information?											
	a) Accuracy		b) Complete	ness								
	c) Timeliness		d) Economy									
8.	Tactical planning is done by which level of management and the duration is:											
	a) Top-level manage	•			ssing System – 1 year							
c) Middle level management 1-5 years			d) Operational Control – 3 years									

(1) Turn Over

9.		_ decision has no pre-establishe	d decision procedure.						
	a) Structured	b) Programmed	c) Probabilistic	d) Unstructured					
10.		_is the process of defining the c	urrent problem, deter	mining why a new					
	system is needed, identifying the objectives of the proposed system								
	a) Feasibility analysis		b) System definition						
	c) System analysis		d) System requirements						
				$(10 \times 1 = 10 \text{ Marks})$					
PART B Answer <i>all</i> questions. Each question carries 2 marks.									
11.	List out the thre	ee levels of management.							
2. Differentiate between organizational efficiency and effectiveness.									
13.	13. What is defensive avoidance?								
14.	What do you m	nean by boundary of a system?							
15.	List out the me	thods for avoiding uncertainty.							
				$(5 \times 2 = 10 \text{ Marks})$					
PART C Answer any five questions. Each question carries 4 marks.									
16. List and explain different types of subsystem.									
17. Explain the life cycle approach to application system development.									
18. Discuss the major phases involved in decision making process.									
19. Explain any two behavioral models of decision maker.									
20.	20. Write a note on decision making under psychological stress.								
21.	21. Which are three types of knowledge with respect to outcomes? Explain with examples.								
22.	22. Discuss the General model of the human as an information processor.								
23.	Explain the Co	ncept of organizational Plannin	g.						
				$(5 \times 4 = 20 \text{ Marks})$					
		PART Answer any <i>five</i> questions. Each		marks.					
24. Discuss the Operating elements of an information system.									
25. Explain the concepts of human cognition and learning.									

(2)

26. Explain the MIS structure based on management activity.

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- 27. Explain the behavioral model of organizational decision making.
- 28. Comment on organizations as open system.
- 29. Explain SDLC approach to the system development.
- 30. What do you understand by quality in information system? Discuss.
- 31. Describe the Modifications of basic organizational structure.

 $(5 \times 8 = 40 \text{ Marks})$
