SECTION-A Answer the following questions. Each question carries 1 mark.

20X1=20

l. Ti	The technique of breaking down one big solution into smaller modules is called						
a.	Modules			b. Modular apı			
c.	Reliable			d. Efficient	•		
2. A	dvantages of Moo	dular Program	ming				
a.	Testing is faster			b. Tested indep	pendently		
c.	Easy to debuggin	g and mainten	ance	d. All of these			
3. C	orrecting the error	is called?					
a.	Bug		b. Debuggin	ıg			
4. Ste	ep by step process	is called					
a.	Algorithm	b. Pseudoc	ode	c. a and b	d. None of these		
5	is used when a set of statements in to be repeated many times.						
a.	Decision Control	Structures		b. Selection Co	ontrol Structures		
c.	Loop Control Str	uctures		d. All of these			
6. Ex	ample for Decisio	n Control Stru	ictures is				
a.	if statement			b. for statemen	nt		
	while statement			d. do- while st			
	n we write a prog		without Cor	trol Structures?			
	Yes	b. No		c. May	be		
	vantages of an alg						
	It is equally unde						
b.	It can be part of	documentatio	n and assist i	n program maint	tenance.		
	Anyone reading		an understan	d both problem a	and solution.		
	All of the above						
	w many minimum	-	•		2.1		
	Zero	b. One			e of these		
	an algorithm mus			-			
	Yes	b. No	c. May be		e of these		
		e Documentat	ion explains	about data flow	diagrams, entity relationship	p	
	liagram?						
a. Design Document				b. Requirements Document			
c. Technical Documentation				d. Testing Document			

12. In which stage we look different ways of solv	ving the problem?						
a. Understanding the problem	b. Analyzing the problem						
c. Developing the solution	d. Coding						
13. What is the first stage in problem solving?							
a. Understanding the problem	b. Analyzing the problem						
c. Coding	d. developing the solution						
14. Variable is used for							
a. Handle the data	b. Refer to a memory location						
c. Store one value at a time	d. All of the above						
15. When do you tell an algorithm is efficiency?							
a. It takes the least time	b. It uses the least memory						
c. It is shortest to describe	d. All of the above						
16. Does computer has IQ?							
a. True b. Fa	alse						
17. Does computer solve problem itself?							
a. True b. F. 18. A name that identities any variable, object, fu							
19. An expression that is not complied but written 20. Distance of text from left to right margin is ca	n as a note is called						
NOTE: Answer any two questions, ea	ch question carries 5 Marks						
1. (a) What are the characteristics of a good prog	gram? (2.5 M)					
(b) Write an algorithm to check whether a giv		2.5 M)					
2. (a) What is program maintenance? Explain different types of Maintenance? (2.5) (b) Write an algorithm to calculate factorial of a given number (Here you need to							
accept a number from the user, and to prin		(2.5 M)					
3. (a) Explain different types of errors in detail?		(2.5 M)					
(b) Write an algorithm to check whether a give	ven number is prime or not?	(2.5 M)					
4. What is problem solving? What are the prima							
detail?		(5 M)					
ALT. 7	THE BEST						