



15. Which type of threat cannot replicate itself within a system, but can transmit its copies by means of e-mail?
A. Malware B. Virus C. Worm D. Trojan horse
16. For which of the following is an information security policy not developed?
A. Information systems security
B. System access control
C. Hardware and software control
D. Information classification
17. Which of the following is not an entity type?
a) name b) store c) product d) work center
18. Which term represents a selected course of action, and recognizes that usually it is necessary to make multiple decisions in the process of solving a single problem?
A. Problem solving B. Problem C. Decision making D. Decision
19. Which level of systems is used to monitor an organizations transactions and elementary activities?
a. Management level B. Organizational level C. Operational level.
20. A system that would provide information to help managers decide how many products should be produced to fulfill customer orders is an example of a:
a. Sales and marketing system.
b. Manufacturing and production System.
C. Finance and Accounting systems.
21. A payroll system is an example of an application in a :
a. A finance /accounting TPS .
b. A finance /accounting MIS.
c. A human recourses TPS.
22. An Object-Oriented data base stores data and procedures as:
a. Nodes b. Objects c. Records.
23. A file is a group of the same type of :
a. Records b. fields c. Characters.
24. A fundamental principal of data administration is that all data be made available to :
a. Top managers.
b. Systems analysis
c. Any group that requires them.
25. Which problem-solving activity involves selecting a particular course of action from those available?
A. Intelligence activity
B. Design activity
C. Decision activity
D. Choice activity
26. The selection of a location to build a new plant would be classified as what type of problem?
A. Capital decision
B. Unstructured problem
C. Structured problem
D. Semistructured problem
27. Database administrators work with users to develop new systems and improve existing systems.
a) True b) False
28. The first step in phased development is analysis.
a) True b) False



26 Which of the following is the correct use of the < title> tag?

- A. <title= "web designer help"> </title>
- B. <title= "web designer help">
- C. <title= "web designer help"/title>
- D. <title= "web designer help"</title>

27. What is the correct tag for the largest heading?

- A. < h6>
- B. <Large>
- C. < big>
- D. <h1>

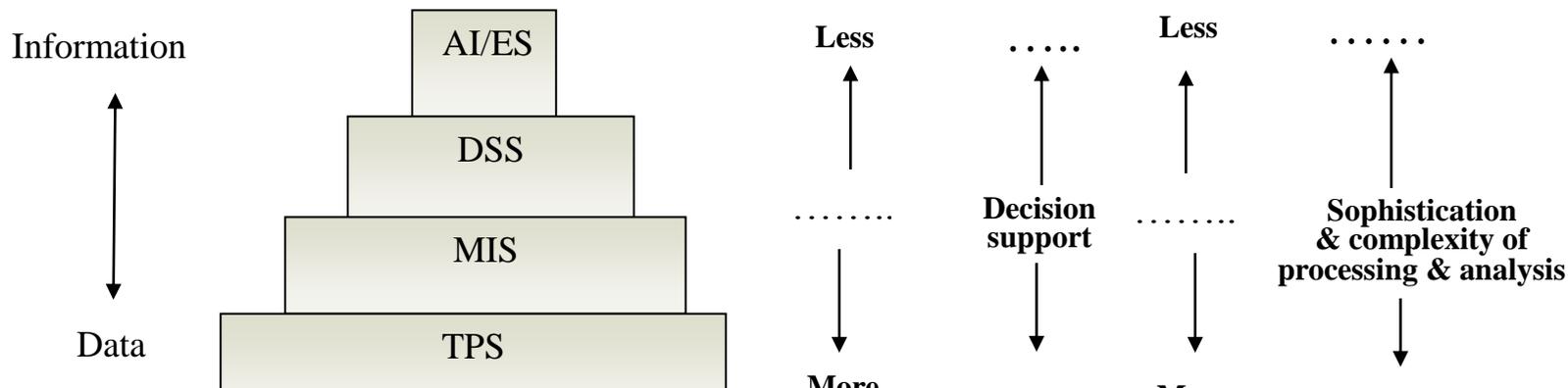
28. What is the difference between a < [P]> and a <[br]> ?

- A. There is no difference.
- B. <[br]> creates a blank line before the next row of text.
- C. <[P]> creates a blank line before the next row of text.
- D. <[P]> can only be used with multiple sentences because you are creating.

Q2) 1) Draw Diagram for each of the following :

- B) DSS Components.
- C) Porter's Value Chain.
- D) Data Base Management Systems components.

2) Complete the space in the next figure:





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Q3) Develop the network diagram for the CPM/PERT problem listed below tabular format:

Activity		Optimistic	Most likely Time	Pessimistic
1	2	12	18	36
1	3	12	16	36
3	4	8	8	44
3	5	8	21	28
4	5	6	14	26
2	5	8	20	44
5	6	4	10	22
5	7	4	22	22
6	7	8	11	26
7	8	5	9	13

Required :

1. Draw Pert Diagram, indicating the expected time for each activity.
 2. Determine Critical Path.
 3. Calculate SD and Variance.
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Q4) In column C, you have the average result for each students for an exam. In column B, write a function which returns if the students Pass or Fail if the average mark is greater or equal than 10.

J	I	H	G	F	E	D	C	B	A
									1
									2
	Student		Exam 1	Exam 2	Exam 3	Total	Average	Result Expected	3
									4
	Mohamed Ahmed		8	15	9				5
	Sara Ahmed		4	15	16				6
	Basmala Ahmed		11	6	8				7
	Omar Mohamed		17	16	3				8
	Rania Moneer		17	18	10				9
	Samir saleh		6	5	13				10
	Mohamed saleh		18	19	15				11
									12
									13

Change your function to display

- **Fail** (when the average is below 10)
- **Pass** (when the average is between 10 and 12)
- **Good** (when the average is between 12 and 14)
- **Very Good** (when the average is between 14 and 16)
- **Excellent** (when the average is beyond 16)

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