

CIA TRIAD

| SUMMARY                   |         |
|---------------------------|---------|
| Matched Branch:           | 0       |
| Partially Matched Branch: | 8       |
| Mismatched Branch:        | 0       |
| Extra Branch:             | 7       |
| Total Match:              | 36.0 %  |
| Concept Match:            | 47.06 % |
| Link. Phr. Match:         | 12.5 %  |
| Misconception:            | 84.62 % |
| Hierarchy Match:          | 21.93 % |

Grade: 24.41%

composed of  
key security  
concepts

Confidentiality

Availability

Integrity

illustrated  
by

different  
types of

represented  
by

characterized  
by

varying types  
of

Preserving  
authorized  
restrictions  
on information  
access and  
disclose,  
including  
means for  
protecting  
personal privacy  
and proprietary  
information

Data Confidentiality

Privacy

Loss of availability  
is the disruption  
of access  
to or use  
of information  
or an information  
system

Ensuring timely  
and reliable  
access to  
use of information

Guarding against  
improper information  
modification  
or destruction,  
including  
ensuring information  
nonrepudiation  
and authenticity

Data Integrity

System Integrity

assures that

confirms that

Private or  
confidential  
information  
is not made  
available  
or disclosed  
to unauthorized  
individuals

Individuals  
control or  
influence  
what information  
related to  
them may be  
collected  
and stored  
and by whom  
and to whom  
that information  
may be disclosed

Information  
and programs  
are changed  
only in a  
specified  
and authorized  
manner

A system's  
performs its  
intended function  
in an unimpaired  
manner, free  
from deliberate  
or inadvertent  
unauthorized  
manipulation  
of the system