

Goa Vidyaprasarak Mandal's

GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS PONDA - GOA

B.C.A. (SEMESTER V) INTRA SEMESTER ASSESSMENT (ISA)- I, AUGUST 2024

CYBER SECURITY(CAD101)

DURATION – 30 minutes

MARKS: 10

- Q.1 Fill in the blanks with correct option: (2 mks)
1. A _____ is a type of Trojan Horse that seeks to gain root or administrative access to a device or network.
 2. A _____ attack is an attempt to make an online service unavailable by overwhelming it with traffic from multiple sources.
- Q.2 State whether the following statement is **True** or **False**. Justify your answer with appropriate explanation. (2 mks)
- “The primary function of a firewall is to allow unrequested incoming and outgoing connections.”
- Q.3 Answer the following question: (2 mks)
1. With the help of diagram explain TOR Network. (2 mks)
 2. Opera VPN's feature: Bypassing Geo-restrictions. (1 mks)
- Q.4 Consider the following scenario: you are an under cover journalist. You have got access to some important information about a private firm which the general public should know about. In order to share this information you need to use VPN. Explain in detail which factors you will consider while choosing a VPN. (3 mks)
- (3 mks)

OR

List down and explain various features of Proxy servers, that provides online anonymity.

*****ALL THE BEST*****