



# **PG DIPLOMA IN CYBER SECURITY (PGDCS)**

## **ASSIGNMENTS**

**CSP-016 to CSP-017**

**(Practical)**

**SESSION: 2017-18**

*Please read the instructions carefully before attempting assignment questions.*

## **INSTRUCTIONS FOR DOING ASSIGNMENTS**

Dear Learner,

You are required to submit one assignment per course within the stipulated time in order to become eligible to appear in the term-end examination. The assignments will be evaluated by the counselors at your Study Centre. Please submit your assignment solutions to the Coordinator of your Study Center.

### **Purpose of Assignments:**

1. Assignments are part of the continuous evaluation process in Open and Distance Learning (ODL) system. Due weightage is given to the marks/grades you obtain in assignments. This will help you for better performance in the term-end examination. If you secure good grades/marks in assignments, your overall performance will improve.
2. Assignments are also a part of the teaching-learning process in ODL system. Your assignment, after evaluation, will be returned back to you with specific and general comments by the evaluator. This will help you to know your strength as well as your weakness. Thus, it will establish a two-way communication between learner and evaluator.

## HOW TO WRITE ASSIGNMENTS:

Please read the instructions for writing the response of an assignment before you start writing your answer.

1. Write your name, programme code, course title, enrolment no. and study center name with code in the top sheet of the assignment answer booklet as per the format given below.

PROGRAMME TITLE: .....ENROLMENT No.: .....

NAME: .....

ADDRESS:.....

COURSECODE.....COURSE TITLE:.....

ASSIGNMENT CODE: .....SIGNATURE: .....

STUDY CENTRE: .....DATE: .....

2. Before you attempt the assignments, please go through the course materials and practical sessions, consult with your counselor concerned and write answers in your own language.
3. Write the answers in your own handwriting. Give sufficient margin in the left side of each page so that the evaluator will give comments on each paragraph/page.
4. Your handwriting should be neat and readable.

## WEIGHTAGE FOR EACH ASSIGNMENT:

1. Each assignment will carry 25% weightage and term-end examinations will carry 75% weightage.
2. Each assignment will be of 100 marks. But it will carry 25% weightage.
3. You have to score minimum pass mark i.e. 40% in each assignment. In case you do not submit assignment or get fail mark in assignment you have to re-submit in the next year.

### **SUBMISSION DATES FOR ASSIGNMENTS**

<b>Sl.No.</b>	<b>Course Code</b>	<b>Name of the Course</b>	<b>Date of Submission</b>	<b>Day (as per calendar)</b>
1	CSP-016	White Hat Hacking	17-12-2017	Sunday
2	CSP-017	Security Analysis & Reporting	17-12-2017	Sunday

## **CSP-016: White Hat Hacking (100 Marks)**

Write any **FOUR** questions (each question carries equal marks)

1. Write about the different tools that are widely used to prevent hacking and getting unauthorized access to a computer or network system.
2. Write the processes of gathering possible information about a target computer system or network.
3. Write the steps to determine what operating system is running on a remote computer.
4. Write the steps to determine which IP address from a range of IP addresses map to live hosts.
5. Write the steps for TCP/IP hijacking using an e.g.
6. Write the steps for working with KISMET wireless sniffing tool.

## **CSP-017: Security Analysis & Reporting (100 Marks)**

Write any **FOUR** questions (each question carries equal marks)

1. Write the various methods for Taping into the wire.
2. Write the steps for saving and exporting Capture Files.
3. Write the steps for working with capture settings.
4. Write the steps for Viewing Network Conversations.
5. Write the steps for expert information.
6. Write the steps for Identifying Open and Closed Ports.