



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ

Odisha State Open University

Established : 2015

Temporary Campus : G.M. University, Sambalpur

E-Mail : info@osou.ac.in, Website : www.osou.ac.in.

ସମ୍ବଲପୁର, ଓଡ଼ିଶା

ସ୍ଥାପିତ : ୨୦୧୫

ଅସ୍ଥାୟୀ ଶିବିର : ଜି.ଏମ୍. ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର

ASSIGNMENTS

CSP-016 & 017

(Theory)

SESSION: 2017-18

P.G DIPLOMA IN CYBER SECURITY

(PGDCS)

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.....COURSETITLE:.....

ASSIGNMENT CODE:SIGNATURE:

STUDY CENTRE:DATE:

2. Before you attempt the assignments, please go through the course materials carefully, understand the same and write answers in your own language and style.

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 Assignments :

1. Each assignment will carry 25% weightages and term-end examination 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

Sl.No.	Course Code	Name of the Course	Date of Submission	Day (as per calendar)
1	CSP-016	White Hat Hacking	22nd Oct.2017	Sunday
2	CSP-017	Security Analysis & Reporting	29th Oct.2017	Sunday

ASSIGNMENTS

CSP-016

(WHITE HAT HACKING)

PART-A

Full Marks- 100

Long Type Questions

20X2=40 Marks

1. Write & discuss about White Hat Hacking, their techniques & applications.
2. State & elaborate the different approaches of SQL injection & Buffer overflows.

PART-B

Medium Type Questions

10x3=30 Marks

3. What is Foot Printing & Reconnaissance?
4. Write and explain about Session Hijacking.
5. From your own language write what is Honey Pot.

PART-C

Short Type Questions

5×6=30 Marks

6. Write short notes on the following.
 - a) Ethical Hacking
 - b) Sniffers
 - c) Denial of Services
 - d) Google Hacking
 - e) Hacking Tools
 - f) Password Cracking Countermeasures.

ASSIGNMENTS

CSP-017

(SECURITY ANALYSIS & REPORTING)

PART-A

Full Marks- 100

Long Type Questions

20X2=40 Marks

1. Describe & illustrate about Security analysis & Reporting schemes clearly.
2. Write & discuss about Vulnerability assessment & Penetration Testing (VPAT).

PART-B

Medium Type Questions

10x3=30 Marks

3. Discuss the features, merits and demerits of Penetration Testing.
4. Explain Email Security Analysis.
5. Briefly explain different types of Firewalls and mention their advantages and disadvantages

PART-C

Short Type Questions

5x6=30 Marks

6. Write short notes on the following.
 - a) Monitoring & Analysis Techniques.
 - b) Tips of Internet Surfing
 - c) HSM Functionality.
 - d) Botnets
 - e) Cross-Site Scripting.
 - f) Post Incident Activity.