

MASTER OF SCIENCE (INFORMATION SECURITY) (MSCIS)

MSCIS/ASSIGN/2026

**ASSIGNMENTS
JULY 2026**

Semester-III

MSE-029, MSE-030, MSE-031, MCS-226 and MSEL-032

**SCHOOL OF VOCATIONAL EDUCATION AND TRAINING
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

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Course Code	:	MSE-031
Course Title	:	Cyber Security using Python
Maximum Marks	:	100
Weightage	:	30%
Last date of Submission	:	31st October, 2026 (For latest update, Pl. check IGNOU's Website)

Attempt any five questions out of seven questions. Each question carries 20 marks. You may use illustrations and diagrams to enhance the explanations. Please go through the guidelines regarding assignments given in the Programme Guide for the format of presentation.

Q1: Write stepwise procedure to install python and write minimum system resources required. Also write and explain any five features of Python.

Q2: What do you mean by Python Libraries? Give illustration. Also What is a graphical user interface? Discuss its common elements.

Q3: What is social media analysis for information gathering? Explain it with an example.

Q4: Explain the use of Python for web scraping.

Q5: Describe cross-site attacks with examples..

Q6: Write and explain in detail any five attacks on wi-fi networks scripting (XSS).

Q7: Write and explain in detail any five vulnerabilities in a website procedure to prevent