D 111159 (Pages : 2) Name..

Reg. No....................................

THIRD SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY) EXAMINATION, NOVEMBER 2024

(CBCSS)

Forensic Science

FSC 3C 13—DIGITAL AND CYBER FORENSICS

(2020 Admission onwards)

Time : Three Hours   Maximum : 30 Weightage

I. Answer any *four* of the following. Short Answer Type Questions. Weightage 2 :

    1   Write a brief on functions of CPU.

    2   What is Volatile Memory ?

    3   Give an overview on digital forensics.

    4   What is Routing Table Poisoning ?

    5   What is Cache ?

    6   Give a brief on Jailbreaking in smartphones.

    7   What is the importance of network address ?

(4 × 2 = 8 weightage)

II. Answer any *four* of the following. Short Essay Type Questions. Weightage 3 :

    8   Describe the Basic Input Output Systems.

    9   Give the types of Hard Discs.

   10   What is DOS Attack ?

   11   Describe Imaging of digital evidence.

   12   Give the overview of OSI Model.

   13   Describe the procedure of tracking emails.

   14   Write a brief on Cloud Forensics.

(4 × 3 = 12 weightage)

Turn over

III. Answer any *two* of the following. Long Essay Type Questions. Weightage 5 :

15   Describe the file systems of a computer.

16   Describe the SOP in Digital Forensics Evidence analysis.

17   How is evidence searched in a network, concerning an incident of illegal intrusion ?

18   Elucidate the protocol for analyzing evidence in a mobile phone ?

(2 × 5 = 10 weightage)