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THIRD SEMESTER B.VOC. DEGREE EXAMINATION
NOVEMBER 2025

Common Course

A12—INFORMATICS AND EMERGING TECHNOLOGIES

(2021 Admissions)

Time : Two Hours and a Half　　　　　　　　　　　　　Maximum : 80 Marks

Section A (Short Answer Type Questions)

All questions can be answered, each correct answer carries a maximum of 2 *marks.*
Ceiling 25 *marks.*

1. Define Internet.

2. Describe the function of an output device and give example.

3. Explain the term DAMPS.

4. Describe about evolution of laser.

5. Describe infrared communication.

6. Explain the term "generation of computers."

7. Explain the purpose of Indian IT Act.

8. Describe any *two* good password practices.

9. What are PCS networks ?

10. Mention two applications of holography.

11. Describe about digital signatures.

12. Describe about biometrics.

13. What is WAP ?

14. Mention any *two* examples of storage devices.

15. What are CIA triad ?

Turn over

Section B (Paragraph Type Questions)

All questions can be answered, each correct answer carries a maximum of 5 marks.
Ceiling 35 marks

16. Describe about input and output devices.

17. Explain about Operating Systems and its functions.

18. Describe about Smart phones.

19. Describe about useful educational websites.

20. Explain about applications of Laser.

21. Differentiate between primary and secondary memory.

22. Describe about online shopping fraud.

23. Describe the steps to recognize persons by their Iris pattern.

Section C (Essay Type Questions)

Answer any **two** *questions, correct answer carries* 10 *marks.*

24. Explain about Optical Fibres.

25. Explain in detail about Cyber Security.

26. Explain about Wireless LANs and its different types.

27. Explain about Fingerprint verification and Face recognition.

(2 × 10 = 20 marks)