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(FOR THE CANDIDATES ADMITTED

23PEL4E5

DURING THE ACADEMIC YEAR 2023 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : May 2025

M.A. English Literature

MAXIMUM MARKS: 75

SEMESTER: IV

TIME : 3 HOURS

PART – III

**23PEL4E5 APPLICATIONS OF INFORMATION TECHNOLOGY IN LANGUAGE AND
LITERATURE AND CYBER SECURITY**

Section – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

1) To access the services of the operating system, the interface is provided by the _____ (K1)
a) Library b) System calls c) Assembly instructions d) API

2) Microsoft word is _____ software. (K1)
a) Application b) Compiler c) System d) Programming

3) Which of the following is used to read an HTML page and render it? (K1)
a) Web server b) Web network c) Web browser d) Web matrix

4) Which of the following is defined as an attempt to steal, spy, damage or destroy computer systems, networks, or their associated information? (K1)
a) Cyber attack b) Computer security c) Cryptography d) Digital hacking

5) The field that covers a variety of computer networks, both public and private, that are used in everyday jobs. _____ (K1)
a) Artificial Intelligence b) Machine Language c) Network Security d) IT

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

6) Define: “Computer”. (K2)

7) Comment on Wi-Fi. (K2)

8) Illustrate the use of tag in HTML. (K2)

9) Relate the benefits of windows security. (K2)

10) Write a note on Cybercrime. (K2)

(CONT...2)

Ethical paper

SECTION – B (5 X 5 = 25 MARKS)**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.**

- 11) a) Discover the revolution of computers. **(K3)**
(OR)
b) Point out the various types of operating system. **(K3)**
- 12) a) Distinguish between the LAN and WAN network. **(K3)**
(OR)
b) Evaluate the steps to create a worksheet in Microsoft Excel **(K3)**
- 13) a) Summarize the salient features of DHTML. **(K3)**
(OR)
b) Estimate the requirements of web services. **(K3)**
- 14) a) Show the confidentiality and integrity in cyber security. **(K3)**
(OR)
b) Outline the differences between viruses and Trojans. **(K3)**
- 15) a) Illustrate the various types of firewalls. **(K3)**
(OR)
b) Describe the need of copyright and patent. **(K3)**

**Section-C
MARKS)****(5 X 8 = 40****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.**

- 16) a) Elaborate the general architecture of computer with diagram. **(K4)**
(OR)
b) Analyze the evolution of operating system. **(K5)**
- 17) a) Demonstrate the half-duplex and full-duplex communication. **(K5)**
(OR)
b) Assess the steps to modify the slides in MS PowerPoint presentation. **(K5)**
- 18) a) Identify the formatting elements in HTML document. **(K4)**
(OR)
b) Elucidate the inserting an images and hyperlinks in HTML webpage. **(K4)**
- 19) a) Formulate the security authentication in cryptography algorithm. **(K5)**
(OR)
b) Compare the buffer overflow and heap overflow in memory exploits. **(K4)**
- 20) a) Integrate the network intrusion detection and prevention systems **(K4)**
(OR)
b) Assume the importance of intellectual property rights. **(K5)**
