

BACHELOR OF TECHNOLOGY (CBCS - 2023)
B. Tech. Sem-II INFORMATION TECHNOLOGY : SUMMER : 2025
SUBJECT: CONTENT MANAGEMENT SYSTEM

Day : Wednesday
Date : 28/05/2025

S-27744-2025

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

Q.1 What are the key differences between a CMS based website and a website developed using traditional web development methods? Discuss the advantages and disadvantages of each approach. (10)

OR

Q.1 Explain the different types of CMS platforms, such as open-source, proprietary and headless CMS. Discuss the key features and use cases for each type and provide examples of popular CMS platforms within each category. (10)

Q.2 What criteria should be considered when evaluating different CMS platforms to determine the best fit for a particular organization or project? (10)

OR

Q.2 What are the challenges and best practices associated with migrating existing data and content to a new CMS? How can data migration be planned and executed effectively to minimize disruptions. (10)

Q.3 What are the key features and tools available in CMS platforms for creating and editing various types of content, such as text, images and multimedia? (10)

OR

Q.3 How can taxonomies and categories be used to organize and structure content in a CMS? Discuss the benefits of using a well-defined taxonomy and provide examples. (10)

Q.4 Describe the typical stages involved in the content publishing process within a CMS, from content creation to final publication. What roles and responsibilities are involved at each stage? (10)

OR

Q.4 How can workflow management tools be used to streamline the content creation and approval process in a CMS? Discuss specific examples of workflow features and their benefits. (10)

Q.5 What is the importance of regular backups for a CMS and what strategies can be used to ensure data integrity and recoverability? (10)

OR

Q.5 What are some common performance bottlenecks in CMS platforms and how can they be addressed? (10)

Q.6 How can plugins be effectively integrated into a CMS to extend its functionality without compromising system performance or security? Discuss specific examples of plugins and their applications in popular CMS platforms like WordPress, Drupal and Joomla. (10)

OR

Q.6 How can a CMS be optimized for search engine optimization (SEO) to improve its visibility and ranking in search results? Discuss techniques such as keyword optimization, meta tags, sitemaps and content creation strategies that can be implemented within popular CMS platforms. (10)
