

Accelerated Learning Program (ALP) for Computer Science & Entrepreneurship - IX

For the convenience of ninth-grade students, following content from the textbook of Computer Science and Entrepreneurship are being removed so that the syllabus can be reduced and made more manageable. It is mandatory for exam paper setters not to include any objective, subjective, or other types of questions from the content that have been excluded when preparing the examination papers.

Detail of excluded content for Computer Science and Entrepreneurship - IX is as under:

Sr.#	Unit No. & Name	Excluded Content
01.	Introduction To Systems	Types of System Objectives (Pg. No. 3 - 4), Static Vs Dynamic Systems (Pg. No. 5), Activity (Pg. No. 6), Types of Systems (Pg. No. 7 -10), Design Science of Computer Science (Pg. No. 12), Computer as System (Pg. No. 13- 15), Computing Systems (Pg. No. 18 - 20) Exercise: MCQs (Q. 4,6,7, 10) (pg. 22 , 23), Short Questions (Q. 3, 4, 10) (pg. 23), Long Questions(Q. 2-5,8) (pg. 23)
02.	Number System	Binary Encoding of Integers(Z), Real Numbers(R), Whole Numbers (W) and Integers (Z) (Page No 31), Understanding Floating Point Representation (Page No 33 -36), Storing Images audio and video in computers (Page No 43-45). Exercise: MCQs (Q. 7-10) (Page 47), Short Question (Q. 8-10) (Page 47)
03.	Digital Systems and Logic Design	Application of Digital Logic (Page No 62-66), Class Activity (Page No 66) Exercise: MCQs (Q 4), Short Question (Q 5), Long Question (Q 3-6, 8, 9)
04.	System Troubleshooting	Trouble shooting strategies (Page No 74), Addressing Security Threats (Page 79), Using Resources for Troubleshooting (Page 81-82). Exercise: MCQs (Q. 6,9,10), Long Questions (Q 5,6,8,9).
05.	Software System	Introduction to system software and application software. (Page No 89-96). Exercise: MCQs. (Q 1,3,5-7,9,10), Short Question (Q. 2-4, 6-8), Long Questions (Q 2-6).
06.	Introduction to Computer Networks	Key concepts in Network Security(Page No 114-116) Exercise: MCQs (Q 6), Short Questions (Q. 4,6,10), Long Question(Q 3,5,8)
07.	Computational Thinking	Class Activity Algorithm Challenge Page 128, did you know page 141.
08.	Web Development with HTML, CSS and	History of HTML (Page 155), Styling Background (Page 163-164), Positioning (Page 165-166), Adding animations and

	JavaScript	transitions to CSS (Page 167-168), Data Types (Page 170), Handling Events and User Input (Page 172-175), Debugging Techniques (Page 175-176) Exercise: Long Question no 8.
09.	Data Science and Data Gathering	Examples of Data (Page 180), Types of Qualitative data (Page 181-182), Types of Quantitative data (Page 182-184), Class Activity (Page 185), Gathering data from Online Sources (Page 188-189), Data Storage Techniques (Page 190-191), Importance and Benefits of Data Visualization (only Paragraph) (Page 192), Visualizing Different Data Types (page 192), Quantitative data (Page no 195-196), Qualitative Data (Page 196), Class Activity (Page 197), Collaborative Authoring (Page 198-199), Data Science Work Flow (Page 200), Class Activity (Page 201), Big Data and its Application (Page 201-206) Exercise: MCQs (Q 3-5,7,12-14), Short Question (Q 2,3,6-8,11), Long Question (Q 3,5,7,8,10).
10.	Emerging Technologies	Historical Context of Artificial Intelligence (Page 212-213), Explainable Whitebox Algorithm (Page 216), Implications and Future of Emerging Technologies (Page 220-221). Exercise: MCQs (Q 8-10), Short Questions (Q 2, 7-10), Long Question (Q 2,5-9).
11.	Ethical, Social, and Legal Concerns in Computer Usage	Class Activity (Page 227), Safe and Secure Operations of Digital Platforms (Page 228), Importance of Privacy Settings and Data Security Measures (Page 230), Legal Ethical Framework (Page 230-232), Ethical and Legal Responsibilities Regarding Intellectual Property (Page 233), Responsible Internet Use (Page 233-235), Class Activity Page 236, Impact of Computing on Society (Page 236-238). Exercise: MCQs (Q 10,11,13-15), Short Questions (Q 2-5,14,15,18-21), Long Question (Q 3,4,6,8)
12.	Entrepreneurship in Digital Age	E-Commerce Platform (Page 249-252), Ideation and Problem Solving (Page 253), Class Activity and Did You know (Page 257), Class Activity and Did You know (Page 258). Exercise: MCQs (Q 4,5), Short Question (Q 5), Long Question (Q 3,5)