Punjab Education, Curriculum, Training & Assessment Authority

Smart Syllabus / Accelerated Learning Program (ALP)-Deleted Topics and Exercise Questions for Computer Science & Entrepreneurship Grade-11

For the convenience of Grade-11 students, following content from the textbook of Computer Science and Entrepreneurship-11 are being deleted / excluded 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-11 is as under:

Unit No.	Unit Name	Deleted Topics and Exercise Questions	Page No.
1.	Introduction to Software Development	• 1.5 Graphical Representation of Software Systems • **Exercise:** MCQ No. 7 • Short Questions No. 5, 6 • Long Questions No. 1, 3, 4	9-13 18 19 19
2.	Python Programming	• 2.8 Object-Oriented Programming in Python • 2.9 Advanced Python Concepts • 2.10 Testing and Debugging in Python • **Exercise:** MCQ No. 6 • Short Questions No. 5, 8 • Long Questions No. 1 (a, c)	35-36 36-37 38 39 40 40
3.	Algorithms and Problem Solving	• 3.3.3 Complexity Classes (P, NP, NP-hard, NP-complete) • **Exercise:** MCQs No. Q 2- 4 • Long Questions No. 1	45-46 54 55
4.	Computational Structures	• No Topic and Exercise Questions are deleted. (Complete Chapter / Exercise is retained.)	---
5.	Data Analytics	• 5.3 Building Statistical Models • 5.4.1.5 Boxplots • **Exercise:** MCQs No. Q 1, 4, 5, 7, 8 • Short Questions No. 1, 2 • Long Questions No. 1, 2	74-79 82 84-85 85 85

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Unit No.	Unit Name	• Deleted Topics and Exercise Questions	Page No.
6.	Emerging Technologies	• 6.4 Introduction to Blockchain Technology • 6.5 Applications and Implications of Blockchain • **Exercise:** MCQs No. Q 3, 5, 8 • Short Questions No. 1, 2 • Long Question No. 4	92-95 95-97 99 100 100
7.	Legal and Ethical Aspects of Computing System	• 7.3 The Digital Divide and its Impacts • **Exercise:** MCQ No. 5 • Short Question No. 3 • Long Question No. 2	106-108 113 114 114
8.	Online Research and Digital Literacy	• No Topic and Exercise Questions are deleted. (Complete Chapter / Exercise is retained.)	---
9.	Entrepreneurship in Digital Age	• 9.5 Financial Concepts for Business • **Exercise:** MCQ No. 8 • Short Question No. 7	133-135 140 140

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