

COMPUTER SCIENCE PAPER 1 (THEORY)

Maximum Marks: 70

Time Allowed: Three hours

(Candidates are allowed additional 15 minutes for only reading the paper.

They must NOT start writing during this time).

Answer all questions in Part I (compulsory) and six questions from Part-II, choosing two questions from Section-A, two from Section-B and two from Section-C.

*All working, including rough work, should be done on the same sheet as the
The intended marks for questions or parts of questions are given in brackets [].*

PART I – 20 MARKS

Answer all questions.

While answering questions in this Part, indicate briefly your working and reasoning, wherever required.

Question 1

- (i) The law which states $a + (b.c) = (a+b) . (a+c)$ is: [1]
- (a) Associative Law
 - (b) Distributive Law
 - (c) Involution Law
 - (d) Commutative Law
- (ii) The dual of $(P + P') \cdot (Q + 0) = Q$ is: [1]
- (a) $P.P' + Q.1 = Q$
 - (b) $P.P' + Q.0 = Q$
 - (c) $P.P + Q.1 = Q'$
 - (d) $P+P' + Q+1 = Q$

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web in the chemistry lab it is most common to use liquid liquid extraction a process that occurs in a separatory funnel a solution containing dissolved components is placed in the funnel and an immiscible solvent is added resulting in two layers that are shaken together

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