



WINTER- 18 EXAMINATION

Subject Name: Data Structure using C

Model Answer

Subject Code:

22317

Important Instructions to examiners:

- 1) The answers should be examined by key words and not as word-to-word as given in the model answer scheme.
- 2) The model answer and the answer written by candidate may vary but the examiner may try to assess the understanding level of the candidate.
- 3) The language errors such as grammatical, spelling errors should not be given more Importance (Not applicable for subject English and Communication Skills).
- 4) While assessing figures, examiner may give credit for principal components indicated in the figure. The figures drawn by candidate and model answer may vary. The examiner may give credit for any equivalent figure drawn.
- 5) Credits may be given step wise for numerical problems. In some cases, the assumed constant values may vary and there may be some difference in the candidate's answers and model answer.
- 6) In case of some questions credit may be given by judgement on part of examiner of relevant answer based on candidate's understanding.
- 7) For programming language papers, credit may be given to any other program based on equivalent concept.

Q. No .	Sub Q. N.	Answer	Marking Scheme
1		Attempt any FIVE of the following :	10 M
	a	Define the term algorithm.	2 M
	Ans	Algorithm is a stepwise set of instructions written to perform a specific task.	Correct definition 2M
	b	List any 4 applications of queue.	2 M
	Ans	<ul style="list-style-type: none">• In computer system to maintain waiting list for single shared resources such as printer, disk, etc.• It is used as buffers on MP3 players, iPod playlist, etc.• Used for CPU scheduling in multiprogramming and time sharing systems.• In real life, Call Center phone systems will use Queues, to hold people calling them in an order, until a service representative is free.	Any four applications- 1/2 M each

Model Answer Paper Of Msbte Winter 21

Sabine Zange



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In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Model Answer Paper Of Msbte Winter 21**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we will delve to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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