



**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		<b>Attempt any FIVE of the following :</b>	<b>10 M</b>
	<b>a</b>	<b>Define the term algorithm.</b>	<b>2 M</b>
	<b>Ans</b>	Algorithm is a stepwise set of instructions written to perform a specific task.	Correct definition 2M
	<b>b</b>	<b>List any 4 applications of queue.</b>	<b>2 M</b>
	<b>Ans</b>	<ul style="list-style-type: none"><li>• In computer system to maintain waiting list for single shared resources such as printer, disk, etc.</li><li>• It is used as buffers on MP3 players, iPod playlist, etc.</li><li>• Used for CPU scheduling in multiprogramming and time sharing systems.</li><li>• In real life, Call Center phone systems will use Queues, to hold people calling them in an order, until a service representative is free.</li></ul>	Any four applications- 1/2 M each

# Sample Question Paper Of G Scheme Ex

**Mark Steyvers**



## **Sample Question Paper Of G Scheme Ex:**

**Oswaal ISC 10 Sample Question Papers Class 11 History For 2024 Exams (Based On The Latest CISCE/ ISC Specimen Paper)** Oswaal Editorial Board,2023-11-11 Description of the product Fresh Relevant with Latest Typologies of the Questions Score Boosting Insights with 500 Questions 1000 Concepts Insider Tips Techniques with On Tips Notes Mind Maps Mnemonics Exam Ready Practice with 10 Highly Probable SQPs      **Collected Works (volume 1): Published Papers** Stephen Luttrell,2023-10-24 The motivation for the research that is described in these volumes is the wish to explain things in terms of their underlying causes rather than merely being satisfied with phenomenological descriptions When this reductionist approach is applied to information processing it allows the internal structure of information to be analysed so information processing algorithms can then be derived from first principles One of the simplest examples of this approach is the diagonalisation of a data covariance matrix there are many variants of this basic approach such as singular value decomposition in which the assumed independent components of high dimensional data are identified and extracted The main limitation of this type of information analysis approach is that it is based on linear algebra applied globally to the data space so it is unable to preserve information about any local data structure in the data space For instance if the data lives on a low dimensional curved manifold embedded in the data space then only the global properties of this manifold would be preserved by global linear algebra methods In practice data whose high dimensional structure is non trivial typically lives on a noisy version of a curved manifold so techniques for analysing such data must automatically handle this type of structure For instance a blurred image of a point source is described by its underlying degrees of freedom i e the position of the source and as the source moves about it generates a curved manifold that lives in the high dimensional space of pixel values of the sampled image The basic problem is then to deduce the internal properties of this manifold by analysing examples of such images A more challenging problem would be to extend this analysis to images that contain several overlapping blurred images of point sources and so on There is no limit to the complexity of the types of high dimensional data that one might want to analyse These methods then need to be automated so that they do not rely on human intervention which would then allow them to be inserted as components into information processing networks The purpose of the research that is described in these volumes is to develop principled information processing methods that can be used for such analysis Self organising information processing networks arise naturally in this context in which ways of cutting up the original manifold into simpler pieces emerge automatically      *Principles of Knowledge Representation and Reasoning* Bernhard Nebel,Charles Rich,William R. Swartout,1992 Stringently reviewed papers presented at the October 1992 meeting held in Cambridge Mass address such topics as nonmonotonic logic taxonomic logic specialized algorithms for temporal spatial and numerical reasoning and knowledge representation issues in planning diagnosis and natural langu      **Computational Logic in Multi-Agent Systems** João Leite,Tran Cao Son,Paolo Torroni,Leon van der Torre,Stefan Woltran,2013-09-10 This book

constitutes the proceedings of the 14th International Workshop on Computational Logic in Multi Agent Systems CLIMA XIV held in Corunna Spain in September 2013 The 23 regular papers were carefully reviewed and selected from 44 submissions and presented with four invited talks The purpose of the CLIMA workshops is to provide a forum for discussing techniques based on computational logic for representing programming and reasoning about agents and multi agent systems in a formal way This edition will feature two special sessions Argumentation Technologies and Norms and Normative Multi Agent Systems

**Theory of Cryptography** Eike Kiltz, Vinod Vaikuntanathan, 2022-12-21 The three volume set LNCS 13747 LNCS 13748 and LNCS 13749 constitutes the refereed proceedings of the 20th International Conference on Theory of Cryptography TCC 2022 held in Chicago IL USA in November 2022 The total of 60 full papers presented in this three volume set was carefully reviewed and selected from 139 submissions They cover topics on post quantum cryptography interactive proofs quantum cryptography secret sharing and applications succinct proofs identity based encryption and functional encryption attribute based encryption and functional encryption encryption multi party computation protocols key agreement and commitments theory sampling and friends lattices anonymity verifiability and robustness ORAM OT and PIR and theory

*Monthly Weather Review*, 1992

**Information Security Practice and Experience** Liqun Chen, Yi Mu, Willy Susilo, 2008-03-14 This book constitutes the refereed proceedings of the 4th International Information Security Practice and Experience Conference ISPEC 2008 held in Sydney Australia in May 2008 The papers cover a wide range of topics

**Noncommutative Geometry, Arithmetic, and Related Topics** Caterina Consani, Alain Connes, 2011 Mathematics Institute these essays collectively provide mathematicians and physicists with a comprehensive resource on the topic

**Recent Advances in 3D Imaging, Modeling, and Reconstruction** Voulodimos, Athanasios, Doulamis, Anastasios, 2020-02-28 3D image reconstruction is used in many fields such as medicine entertainment and computer science This highly demanded process comes with many challenges such as images becoming blurry by atmospheric turbulence getting snowed with noise or becoming damaged within foreign regions It is imperative to remain well informed with the latest research in this field Recent Advances in 3D Imaging Modeling and Reconstruction is a collection of innovative research on the methods and common techniques of image reconstruction as well as the accuracy of these methods Featuring coverage on a wide range of topics such as ray casting holographic techniques and machine learning this publication is ideally designed for graphic designers computer engineers medical professionals robotics engineers city planners game developers researchers academicians and students

**Argumentation in Multi-Agent Systems** Peter McBurney, Iyad Rahwan, Simon D. Parsons, Nicolas Maudet, 2010-05-09 This book constitutes the thoroughly refereed proceedings of the 6th International Workshop on Argumentation in Multi Agent Systems held in Budapest Hungary in May 2009 in association with the 8th International Conference on Autonomous Agents and Multi Agent Systems AAMAS 2009 The 18 revised full papers were carefully reviewed and selected from numerous submissions and are organized in four topical

sections on practical reasoning and argument about action persuasion and negotiation argumentation theory and applications and emotions      **European Control Conference 1993** ,1993-06-28 Proceedings of the European Control Conference 1993 Groningen Netherlands June 28 July 1 1993      Code of Federal Regulations United States. Internal Revenue Service,2008 Special edition of the Federal register containing a codification of documents of general applicability and future effect as of April 1 with ancillaries      Dynamics and Control of Chemical Reactors, Distillation Columns and Batch Processes (DYCORD+ '92) J.G. Balchen,E.D. Gilles,K.V. Waller,J.B. Rawlings,2014-05-23 In addition to the three main themes chemical reactors distillation columns and batch processes this volume also addresses some of the new trends in dynamics and control methodology such as model based predictive control new methods for identification of dynamic models nonlinear control theory and the application of neural networks to identification and control Provides a useful reference source of the major advances in the field      **CT-RSA 2003** Marc Joye,2003-03-18 This book constitutes the refereed proceedings of the Cryptographers Track at the RSA Conference 2003 CT RSA 2003 held in San Francisco CA USA in April 2003 The 26 revised full papers presented together with abstracts of 2 invited talks were carefully reviewed and selected from 97 submissions The papers are organized in topical sections on key self protection message authentication digital signatures pairing based cryptography multivariate and lattice problems cryptographic architectures new RSA based cryptosystems chosen ciphertext security broadcast encryption and PRF sharing authentication structures elliptic curves and pairings threshold cryptography and implementation issues      *A New Etymological Dictionary of the English Language* Joseph Emerson Worcester,1888      ,      *Federal Register* ,2013-07      Science & Public Policy ,1993      **Initial Reports of the Deep Sea Drilling Project** Scripps Institution of Oceanography,1969      **Journal of the Royal Society of Arts** Royal Society for the Encouragement of Arts, Manufactures and Commerce,1872

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web getaran dan gelombang dalam dokumen hubungan motivasi belajar dan persepsi siswa terhadap fisika dengan hasil belajar fisika halaman 34 39 bab ii landasan teori a kajian teori 4 getaran dan gelombang a getaran getaran adalah gerak bolak balik periodik melalui titik kesetimbangan

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web gelombang adalah getaran yang merambat getaran dan gelombang merupakan dua hal yang tidak dapat dipisahkan dalam kehidupan sehari hari tentu kita telah mengenal istilah gelombang seperti gelombang air laut gelombang tsunami gelombang radio dan sebagainya apa yang dimaksud dengan gelombang

**rangkuman getaran dan gelombang kelas 8 clear indonesia - Oct 14 2022**

web satu getaran adalah gerakan benda dari suatu titik awal a kembali ke titik semula simpangan adalah jarak antara benda bergerak dengan titik kesetimbangan amplitudo adalah simpangan terjauh gelombang adalah getaran yang merambat dengan membawa energi frekuensi adalah jumlah getaran dalam satu detik  $f$   $f$   $n$   $t$   $f$  frekuensi hertz