

SECTION - I

2. Answer briefly any Six parts from the following. (MS-Access)  $6 \times 2 = 12$   
(i) Define the term table or relation. (ii) What is the purpose of foreign key? (iii) Write down the purpose of feasibility study. (iv) Define the term modality. (v) What is meant by transitive dependency? (vi) What is meant by mutually exclusive data? (vii) Define wizard in MS-Access. (viii) Write a note on datasheet form. (ix) Write down any two types of reports.

3. Answer briefly any SIX parts from the followings:-

$6 \times 2 = 12$

C - Language

- (i) What is use of statement terminator in C?  
(ii) Define Linker?  
(iii) What is standard identifier?  
(iv) Define data type in C?  
(v) Identify errors from following code.  

```
#include <stdio.h>
void main(void)
{ int num
  printf ("%d", num);
}
```

  
(vi) Convert following mathematical equation into valid C expression.  
 $Z = 7w + xy$ ;  
(vii) What is meant by signature of a function?  
(viii) Find the output of the following code?  

```
float f = 17.246;
printf ("%5.2f", f);
```

  
(ix) Trace errors from the following code.  

```
int m, n;
print ("Enter two numbers");
scanf ("%d %d", &m, n);
```

4. Answer briefly any Six parts from the followings:-

C - Language

- (i) Define control structure.  
(ii) Find output of the following code.  

```
int a = 1, b = 6;
if ((a + b) < 7)
  printf ("%d", a);
else
  printf ("%d", b);
```

  
(iii) Define sentinel loop.  
(iv) Write output of the following code  

```
int n;
for (n = 5; n >= 1; n--)
  printf ("%d", n);
```

Visual Basic

- (i) What are important properties of Algorithm?  
(ii) Write any two guidelines for flow charting?  
(iii) Name any four (04) major parts of VB IDE?  
(iv) Differentiate between properties and methods?  
(v) What are differences between hiding and closing a form?  
(vi) Define Keywords?  
(vii) What is Implicit declaration?  
(viii) What is variant variable?  
(ix) Why concatenation is used?

$6 \times 2 = 12$

Visual Basic

- (i) What is default property of Command button.  
(ii) Trace output  

```
if 10 mod 5 == 1 then
  print ("OK")
END if
```

  
(iii) Write advantages of combo box over list box.  
(iv) Trace output  

```
for i = 1 to 10 step 3
  print i
next
```

# Nengineering Science Past Papers

**Severino L. Koh, Charles G. Speziale**



## **Nengineering Science Past Papers:**

Mechanical Engineering Science J. L. Gwyther, W. D. Brown, G. Williams, 2014-05-21 0 1 Mechanical Engineering Science covers various fundamental concepts that are essential in the practice of mechanical engineering The title is comprised of 19 chapters that detail various topics including chemical and physical laws The coverage of the book includes Newtonian laws mechanical energy friction stress and gravity The text also discusses the chemical aspects of mechanical engineering which include gas laws states of matter and fuel combustion The last chapter tackles concerns in laboratory experiments The book will be of great use to students of mechanical engineering The text will also serve professional engineers as a reference

Recent Advances in Engineering Science Severino L. Koh, Charles G. Speziale, 2012-12-06 The 25th Anniversary Meeting of the Society of Engineering Science was held as a joint conference with the Applied Mechanics Division of the American Society of Mechanical Engineers at the University of California Berkeley from June 20 22 1988 With the encouragement and support of the SES we decided to organize a symposium in honor of A C Eringen the founding president of the Society of Engineering Science who provided pioneering leadership during the critical first decade of the Society's existence We felt that there was no better way to do this than with a Symposium on Engineering Science the field that A C Eringen has devoted his life to Professor Eringen had the foresight even in his own early work to see the need for an intimate amalgamation of engineering and science transcending the bounds of the traditional engineering disciplines to address unsolved problems of technological importance Sustained by the belief that there was the need to provide a forum for researchers who had embraced this broader interdisciplinary approach Professor Eringen founded the Society of Engineering Science and the International Journal of Engineering Science in 1963 Since that time he has made countless contributions to the advancement of engineering science through his research educational and organizational activities The participants in the Symposium were former students and colleagues of Professor Eringen who have been strongly influenced by his professional activities and research in engineering science

Giants of Engineering Science O. Anwar Bég, 2003 Giants of Engineering Science is a biographical monograph examining the life and works of ten of the world's leading engineering scientists

*International Benchmarking of U.S. Chemical Engineering Research Competitiveness* National Research Council, Division on Earth and Life Studies, Board on Chemical Sciences and Technology, Panel on Benchmarking the Research Competitiveness of the U.S. in Chemical Engineering, 2007-08-12 More than 400 billion worth of products rely on innovations in chemistry Chemical engineering as an academic discipline and profession has enabled this achievement In response to growing concerns about the future of the discipline International Benchmarking of U S Chemical Engineering Research Competitiveness gauges the standing of the U S chemical engineering enterprise in the world This in depth benchmarking analysis is based on measures including numbers of published papers citations trends in degrees conferred patent productivity and awards The book concludes that the United States is presently and is expected to remain among the world's

leaders in all subareas of chemical engineering research However U S leadership in some classical and emerging subareas will be strongly challenged This critical analysis will be of interest to practicing chemical engineers professors and students in the discipline economists policy makers major research university administrators and executives in industries dependent upon innovations in chemistry

**Cassier's Engineering Monthly** ,1915

**Model-oriented Systems Engineering Science** Duane W. Hybertson,2016-04-19 Systems engineering SE is experiencing a significant expansion that encompasses increasingly complex systems However a common body of knowledge on how to apply complex systems engineering CSE has yet to be developed A combination of people and other autonomous agents crossing organization boundaries and continually changing these hybrid sy

**Proceedings ... Papers, Reports, Discussions, Etc., Printed in the Journal of Engineering Education** American Society for Engineering Education,1901

**Women in Engineering, Science and Technology: Education and Career Challenges** Cater-Steel, Aileen,Cater, Emily,2010-05-31 This book discusses increasing the participation of women in science engineering and technology professions educating the stakeholders citizens scholars educators managers and policy makers how to be part of the solution Provided by publisher

**Handbook of Research on Computational Intelligence for Engineering, Science, and Business** Bhattacharyya, Siddhartha,Dutta, Paramartha,2012-11-30 Using the same strategy for the needs of image processing and pattern recognition scientists and researchers have turned to computational intelligence for better research throughputs and end results applied towards engineering science business and financial applications Handbook of Research on Computational Intelligence for Engineering Science and Business discusses the computation intelligence approaches initiatives and applications in the engineering science and business fields This reference aims to highlight computational intelligence as no longer limited to computing related disciplines and can be applied to any effort which handles complex and meaningful information

**The Electrician Electrical Trades Directory and Handbook** ,1900

**Engineering Grand Challenges in Scholar Programs** Ghafour Amouzad Mahdiraji,Edwin C.Y. Chung,Satesh Narayana Namasivayam,Mohammad Hosseini Fouladi,2019-02-06 This book explains how Taylor s University implemented a curriculum in their engineering program that prepares students to address challenges facing the world Aim is to enable Engineers put their knowledge into application to meet the 14 challenges of the century as outlined by the National Academy of Engineering NAE of the United States The research groups are organized around the 14 grand challenges for engineering The structure of their syllabi is organized in a way that they address the 5 core competencies Research Experience Entrepreneurship Service Learning Interdisciplinary Curriculum Global Dimension It uses the CDIO educational framework a project based learning approach that provides students with the big picture of engineering Through this method students are able to Master a deeper working knowledge of the fundamentals of engineering Lead in the creation and operation of new products and systems Understand the importance and strategic value of research work As the only programe of its kind outside North America it offers the brightest minds the opportunity to face

real world issues and places them on the cutting edge of the engineering world      **Engineering Magazine** ,1904      Public Works ,1921      **Study Skills for Science, Engineering and Technology Students** Pat Maier,Anna Barney,Geraldine Price,2013-11-26 An accessible student friendly handbook that covers all of the essential study skills that will ensure that Science Engineering or Technology students get the most out of their course Study Skills for Science Engineering Technology Students has been developed specifically to provide tried tested guidance on the most important academic and study skills that students require throughout their time at university and beyond Presented in a practical and easy to use style it demonstrates the immediate benefits to be gained by developing and improving these skills during each stage of their course      **Advances in Engineering Science** Society of Engineering Science,1976      Osborne Reynolds and Engineering Science Today Jack Allen,1970      **Biomedical Engineering Science and Technology** Bikesh Kumar Singh,G.R. Sinha,Rishikesh Pandey,2024-03-14 This CCIS post conference volume constitutes the proceedings of the Second International Conference ICBEST 2023 in Raipur India in February 2023 The 32 full papers together in this volume were carefully reviewed and selected from 60 submissions The conference s fundamental theme was Computing in Biomedical Research They were organized in three tracks as follows Artificial Intelligence in Healthcare Computational Mechanics in Healthcare and Health Informatics      Proceedings ,1922      *Proceedings of the American Society of Civil Engineers* American Society of Civil Engineers,1922 Vols for Jan 1896 Sept 1930 contain a separately page section of Papers and discussions which are published later in revised form in the society s Transactions Beginning Oct 1930 the Proceedings are limited to technical papers and discussions while Civil engineering contains items relating to society activities etc      *Transactions of the American Society of Civil Engineers* American Society of Civil Engineers,1916 Vols 29 30 contain papers of the International Engineering Congress Chicago 1893 v 54 pts A F papers of the International Engineering Congress St Louis 1904

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