ANDHRA UNIVERSITY

All Official letters, packages etc, should be addressed to the Registrar by designation and not by name.

No. L I (1)/U.G. Courses/Computer Science/MQP/2021

Visakhapatnam,
Dt: 14-07-2021

From: **THE REGISTRAR**

To

Prof. S. Pallamsetty,
Chairman,
Board of Studies in Computer Science (U.G.),
Dept. of Computer Science & System Engineering,
College of Engineering,
Andhra University.

Sir,

Sub: Approval of Model Question Papers – Reg.

Ref: Letter dated 06-07-2021 along with Model Question Papers.

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With reference to the above, I am by direction to inform that the Revised Choice Based Credit System, U.G. Courses (w.e.f. 2020-2021) Model Question Papers of 1) 1st BCA-1st Semester-Programming in C 2) 1st BCA-1st Semester-Computer Fundamentals & Office Tools 3)1st B.Com – 1st Semester-Information Technology 4)1st B.Sc. -1st Semester - Problem Solving in C have been approved.

Hence, I request to arrange to circulate the same among the Teaching Staff and Students concerned and placed in A.U. website.

Yours faithfully,

(B. RAMACHANDER)
ASSISTANT REGISTRAR (ACADEMIC)

Copies to:
1. The Dean of Academic Affairs, A.U., VSP.
2. The Dean, U.G. & P.G, Professional Courses, A.U., Vsp.
3. The Dean, CDC, A.U., Vsp.
4. The Dean, Confidential, A.U., Vsp.
5. All Principals, A.U. Affiliated Colleges Offered in U.G. courses.
6. The Controller of Examinations, A.U., Vsp.
7. The Superintendent S.I Section for taking necessary further action.
8. The Secretary to V.C., Rector Table, P.A. to Registrar, A.U., Vsp.
9. The Director, Computer Centre, A.U., Vsp.
10. O.C. & O.O.F.

Vizag,
6-7-2021.

From:

Dr S. Pallam Shetty,
Professor,
AU College of Engineering
Vizag

TO

Registrar,
Andhra University,
Vizag.

Sir,

I prof S. Pallam Shetty enclosing the following the following Model Question papers for 2021-2022

1. 1st BCA - 1st sem - Programming in C
2. 1st BCA - 1st sem - Computer Fundamentals & Office tools
3. 1st B.Com - 1st sem - Information Technology.
4. 1st B.Sc - 1st sem - Problem solving in C

Thanking you

Yours Faithfully,

S. Pallam env
Dr. S. PALLAM SETTY
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ANDHRA UNIVERSITY
COMPUTER SCIENCE
MODEL PAPER

1st BCA – 1st semester – Programming in C

Max. marks: 75

Duration: 3Hrs

SECTION –A (5 x 5 = 25 Marks)
Answer any FIVE of the following

1. Define Algorithm and its characteristics?

2. Define a Function?

3. Illustrate break and continue with Example?

4. Define a Array?

5. Define a String with an example?

6. What is a Pointer?

7. List various dynamic memory allocation functions?

8. Illustrate the various types of files?

SECTION –B (10 x 5 = 50 Marks)
Answer the following

9. (A) Explain the structure of a C program?

    OR

    (B) Illustrate the various operators in C?

10. (A) Explain the decision control statement with an example ?

    OR

    (B) Illustrate the concept of parameter passing in the functions?

11. (A) Write a C Program to read and print values of a matrix using arrays?

    OR

    (B) Explain the various String handling Functions?

12. (A) Demonstrate the difference between the structure and union with example?

    OR

    (B) Illustrate the concept of array passing to the function using the Pointers?

13 (A) Illustrate the various File handling functions?

    OR

    (B) Write a C program to copy the contents of one file to another file?

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1st B.Com – 1st semester – Information Technology

Max. marks: 75   Duration: 3Hrs

SECTION –A (5 x 5 = 25 Marks)
Answer any FIVE of the following

1. Define a Computer?

2. Define Operating System?

3. Illustrate various types of text formatting?

4. Define a Macro?

5. Explain in brief about a cell in workbook?

6. Brief different templates in PPT?

7. What is meant by slideshow in PPT?

8. Explain about sort & filter in records?

SECTION – B (10 x 5 = 50 Marks)
Answer the following

9. (A) Explain basic components of PC in detail?

   OR

   (B) Explain various types of memory in detail?

10. (A) Demonstrate the concept of Mail Merging?

    OR

    (B) Explain the following?
       1. Bullets
       2. Header and Footer

11. (A) Explain about various functions in excel ?

    OR

    (B) Explain about various charts in workbook?

12. (A) Explain in detail about PPT?

    OR

    (B) Explain the process of inserting following in PPT?
       1. Image
       2. Adding Audio

13 (A) Explain the process of creating a Sample Database?

    OR

    (B) Explain the process of creating simple access form?

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ANDHRA UNIVERSITY
COMPUTER SCIENCE
MODEL PAPER

1st B.Sc – 1st semester – Problem Solving in C

Max. marks: 75

Duration: 3Hrs

SECTION –A (5 x 5 = 25 Marks)
Answer any FIVE of the following

1. Explain in brief about Flowchart?

2. List various Generations of Computer?

3. Define a Compiler ?

4. Explain an array?

5. Demonstrate the concept of Recursion in brief ?

6. Implement the concept of union with a program?

7. Illustrate the concept of declaring a Pointer?

8. Explain in brief about a File?

SECTION –B (10 x 5 = 50 Marks)
Answer the following

9. (A) Explain the block diagram of computer in detail?

    OR

    (B) Define a Algorithm and explain its characteristics ?

10. (A) Explain in detail about various Iterative Statements ?

    OR

    (B) Explain various Datatypes in c ?

11. (A) Demonstrate the various ways of storing values in an array?

    OR

    (B) Write a C program to calculate the sum of two matrices?

12. (A) Explain the various parameter passing in arrays?

    OR

    (B) Write a C program to implement array of structures?

13 (A) Illustrate in detail about the concept of dynamic memory allocation?

    OR

    (B) Explain in detail about the various File handling Functions?

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ANDHRA UNIVERSITY
COMPUTER SCIENCE
MODEL PAPER
1ˢᵗ BCA – 1ˢᵗ semester – Computer Fundamentals & Office Tools

Max. marks: 75

Duration: 3Hrs

SECTION –A (5 x 5 = 25 Marks)
Answer any FIVE of the following

1. Explain the peripheral devices?

2. Briefly explain the functioning of CPU?

3. Define Operating Systems?

4. Explain the different ways of Text Formatting?

5. Describe the addition and deletion of rows and columns in spreadsheet?

6. Explain the different templates of PPT?

7. Define software and Hardware?

8. Explain the process to create Hyperlink in word document?

SECTION –B (10 x 5 = 50 Marks)
Answer the following

9. (A) Explain in detail about the Architecture of computer with Block Diagram?

    OR

   (B) Explain the Memory Hierarchy?

10. (A) Explain the various types of computer languages?

    OR

   (B) Explain the list of operating systems?

11. (A) Explain in detail about the concept of mail merging?

    OR

   (B) Explain the following
      1. Bullets
      2. Dropcap

12. (A)Explain different functions in excel?

    OR

   (B) Explain in detail about cell referencing?

13 (A) Explain in detail about PPT?

OR

(B) Explain the process of inserting?
1. Image
2. Adding Audio

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