



# TAMIL NADU OPEN UNIVERSITY

## School of Computer Science

### Chennai-15

#### HOME/SPOTASSIGNMENT

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Programme Code No	: 1171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCAS 21 & Programming in C
Batch	: CY-2023(1 <sup>st</sup> year-Second Semester)
No. of Assignment	: One Assignment for Each 2 Credits
Maximum Marks	: 30

#### ASSIGNMENT-1

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Write in detail about Fundamentals of C
2. Explain Expressions in detail
3. Write about Storage Classes in detail



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#### ASSIGNMENT-2

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Explain in detail about pointers
2. Write about array and structure of an array
3. Write in detail about Multidimensional array



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Programme Code No	: 1171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCAS 22 & Open Source Technology
Batch	: CY-2023(1 <sup>st</sup> year-Second Semester)
No. of Assignment	: One Assignment for Each 2 Credits
Maximum Marks	: 30

### ASSIGNMENT-1

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Explain open source software VS free software
2. Write about Open Source History, Initiatives, Principle and methodologies
3. Briefly explain Patents Economics of FOSS



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### ASSIGNMENT-2

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Write about Importance of Communities in Open Source Movement
2. Explain MySQL, PHP, and JAVA as development platform.
3. Explain in brief about financial impacts of open source technology



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Programme Code No	: 1171
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Course Code & Name	: BCAS 23 & Digital Logic
Batch	: CY-2023(1 <sup>st</sup> year-Second Semester)
No. of Assignment	: One Assignment for Each 2 Credits
Maximum Marks	: 30

#### ASSIGNMENT-1

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Explain in detail about number systems
2. Write about boolean algebra
3. Difference between multiplexers and demultiplexers



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### ASSIGNMENT-2

**Max: 30 Marks**

Answer any **ONE** of the following three questions in 1000 words

1. Write about encoder and decoder in detail
2. Explain in detail about sequential logic and registers
3. Explain in brief about types of RAM's