



YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY, NASIK
HOME ASSIGNMENT - (2016-17)

Advanced Diploma in Computing (T60)

Instructions for the Students:

- 1) All Questions are compulsory.
 - 2) Each Sub-question carries 5 marks.
 - 3) Each Sub-question should be answered between 75 to 100 words. Write every question's answer on separate page.
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CMP201 : Programming Expertise in "C"

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| Q.1. What is debugging in C? Explain in brief. | 5m |
| Q.2. Explain the difference between array and structure. | 5m |
| Q.3. What is Pointer explain its types in brief? | 5m |
| Q.4. Explain the Memory organization. | 5m |

CMP202 : Data Structure using C

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| Q.1. What is sorting ? Explain the merge sort with example. | 5M |
| Q.2. What is time and space complexity of algorithm? | 5M |
| Q.3. Explain Binary Searching with example. | 5M |
| Q.4. Define Tree and explain its types. | 5M |

CMP204 : Office Tools

- Q.1. Write the benefits of office tools. 5M
- Q.2. What is the header and footer in MS word? 5M
- Q.3. Draw various charts in MS Excel. 5M
- Q.4. Write the stepwise procedure of adding animation in MS PPT . 5M

CMP247 :JAVA

- Q.1. List out the features of Object Oriented Programming. 5m
- Q.2. What is JVM? Explain the need of JVM. 5m
- Q.3. Explain the Multithreading in java. 5m
- Q.4. Define the Abstract classes and Final classes. 5m

CMP203: OOPs and C++

- Q.1. What is inheritance and also explain types of Inheritance? 5m
- Q.2. How Exception handling is achieved in OOP? 5m
- Q.3. Explains Virtual function in OOP. 5m
- Q.4. Explain the Linear Search with its example. 5m

CMP220: Programming Excellence through VB.NET

- Q.1. Draw and explain the architecture of the .NET framework. 5m
- Q.2. What is Constructor and its types. 5m
- Q.3. Explain various Validation controls in vb.net 5m
- Q.4. Explain Thread and its lifecycle. 5m

CMP212: Building Web Portals through ASP.NET

- Q.1. List out the various html tags. 5m
- Q.2. Differentiate between the HTML and XML. 5m
- Q.3. What is Dynamic Web Page. 5m
- Q.4. Explain the need of Grid View Control in web page. 5m

CMP213: Programming Excellence through C#

- Q.1. What are the Decision Control Instruction in c#. 5m
- Q.2. Explain the Loop Instruction in c#. 5m
- Q.3. Define the Synchronization. 5m
- Q.4. What are the process of Network Security. 5m

CMP211: Visual Programming

- Q.1. Explain the Operator Overloading. 5m
- Q.2. What is Socket? 5m
- Q.3. Write a short note on ActiveX controls. 5m
- Q.4. Explain the Data Exchange Mechanism. 5m

CMP248 Linux

- Q.1. Explain File Transfer Protocol. 5m
- Q.2. Explain the working of Red hat Firewall. 5m
- Q.3. What is ls command. 5m
- Q.4. Write a short note on troubleshooting in Linux. 5m

CMP256 : ORACLE

- Q.1.What is JOIN? Explain types of SQL JOINS. 5m
- Q.2. Explain the Exception Handling in PLSQL. 5m
- Q.3. List the transaction commands in SQL. 5m
- Q.4. Select and where commands in detail. 5m

CMP222 Computerized Financial Accounting

- Q.1.What is a need and importance of a financial statements. 5m
- Q.2. Explain the process of computerization of accounting. 5m
- Q.3. Define Process of Entering Vouchers. 5m
- Q.4.What are the types of financial transactions. 5m

CMP401 Cloud computing

- Q.1. What is cloud Computing and types of cloud computing? 5m
- Q.2. What is Virtualization? 5m
- Q.3. Explain the Security Policies for Cloud Computing. 5m
- Q.4. List out the different services provided by Cloud . 5m

CMP402 Mobile Application Development

- Q.1. Explain the Mobile Information Device Profile (MIDP). 5m
- Q.2. With neat diagram explain the structure of webpage. 5m
- Q.3. Briefly explain Android Architecture. 5m
- Q.4. Define the GPS & Map view. 5m