

Sant Gadge Baba Amravati University, Amravati Summer -2020 Examination  
H.V.P. Mandal's College of Engineering and Technology, Amravati  
Course: Computer Science and Engineering

BE Four Year Fifth Semester (Computer Science and Engineering) Summer 2020 Exam  
6KS03 COMPUTING RESOURCE MANAGEMENT

**ASSIGNMENT ONLY FOR BACKLOG STUDENTS**

Marks 20

Note:

1. Solve any 2 questions
2. Each question carry 10 marks

Question No.1 (10 Marks)

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|---|-----|
| A. What are the factors to be considered in designing IT Organizations and Infrastructure | (1) |
| B. Define MTTR.   | (1) |
| C. What are 7 R's of Availability.  | (2) |
| D. Explain the role of Database Environment in Performance and Tuning.                    | (2) |
| E. Give the Procedure for selecting password  | (2) |
| F. Give the importance of Facility Management   | (2) |

Question No.2 (10 Marks)

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|---|-----|
| A. What are the basic steps to develop an effective Business Case.              | (1) |
| B Define MTBF..   | (1) |
| C. What is Reliability ?  | (2) |
| D. Describe the procedure for developing an Effective Capacity Planning Process | (2) |
| E. What are the steps for developing a Strategic Security Process               | (2) |
| F. Give Practical Tips for Improving Configuration Management                   | (2) |

Question No.3 (10 Marks)

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|--|-----|
| A..Define System Management                                      | (2) |
| B. Explain Recoverability  | (2) |
| C. What is RAID.   | (2) |
| D. How to select an appropriate capacity planning process owner. | (2) |
| E. Explain Storage management                                    | (1) |
| F. What is Configuration management                              | (1) |

Question No.4 (10 Marks)

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|---|-----|
| A. Draw 3 layered architecture of an Infrastructure                     | (2) |
| B. What are the properties we should consider to select a process owner | (2) |
| C. Compare AVAILABILITY AND HIGH AVAILABILITY                           | (2) |
| D. Explain Benefits for effective capacity planning.                    | (2) |
| E. Give importance of Responsiveness.                                   | (1) |
| F. Difference between performance and tuning and other infrastructure   | (1) |