

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Autonomous Institute under Visvesvaraya Technological University, Belagavi)

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Course Code

2	1	M	B	A	2	4
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Second Semester MBA Degree Examinations, October/November 2022

COMPUTER APPLICATION IN MANAGEMENT

Duration: 3 hrs

Max. Marks: 100

*Note: 1. Answer any FOUR full questions from Question No. 1 to 7.**2. Question No. 8 is compulsory**3. Missing data, if any, may be suitably assumed*

<u>Q. No</u>	<u>Question</u>	<u>Marks</u>	<u>(RBTL:CO:PO)</u>
1.	a. What is Hardware? List the Major Hardware components of a Computer.	03	(3 : 1 : 2)
	b. What is Software? List the various Application Software and System Software and also bring out the differences between them	07	(2 : 2 : 1)
	c. What is a Bus? Explain with a figure three types of Bus available in the computer system.	10	(2 : 2 : 1)
2.	a. List and explain different input & output devices of a computer.	03	(3 : 1 : 1)
	b. Explain the E-Commerce architecture	07	(2 : 2 : 1)
	c. What is an operating system? Explain different types of operating system	10	(4 : 2 : 2)
3.	a. What is a Spreadsheet? List its applications.	03	(3 : 1 : 2)
	b. What is a function in excel? With an example list the steps for performing the following functions	07	(2 : 2 : 2)
	c. List the Different chart types available in excel, and Explain the steps for plotting a graph representing the Yearly Sales with assumed data.	10	(4 : 2 : 2)
4.	a. List the various Logical functions in excel.	03	(2 : 4 : 4)
	b. List and Explain Various Mathematical functions of excel with examples	07	(2 : 4 : 4)
	c. Develop a basic function in excel to calculate the average working hours of each employee, and Count the number of employees as ENO, Ename, designation, department, specialization, date of joining and salary. Assume appropriate data types.	10	(2 : 4 : 4)
5.	a. List out the examples and applications of DBMS	03	(1 : 5 : 2)
	b. Differentiate between file structured and DBMS	07	(2 : 5 : 2)
	c. Write down the steps to create a table of employees and insert the values into it assuming employee details as input data.	10	(3 : 5 : 4)

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| 6. | a. | What is an IP address? Brief out the need for an IP address | 03 | (1 : 1 : 2) |
| | b. | List the advantages and disadvantages of the internet. | 07 | (2 : 1 : 1) |
| | c. | Explain various E-commerce models with examples. | 10 | (2 : 1 : 2) |
| 7. | a. | Brief out the advantages and disadvantages of IoT. | 03 | (2 : 2 : 1) |
| | b. | Differentiate between Data and Information. | 07 | (2 : 2 : 2) |
| | c. | Explain the Data Value chain process. | 10 | (3 : 2 : 2) |

8. **Case study**

In a college, students need to register for courses before the new semester start. Every course has its Course_Code, Faculty_Id, Semester, and Hours Taken, similarly, the student has the information Regno, Name, Semester, and Course_Code.

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|----|---|-----------|-------------|
| a. | Write the steps to Create Tables for both Students and Courses with suitable columns as mentioned above | 10 | (3 : 3 : 4) |
| b. | Write the steps to add at least four records each for the Student and Course tables | 05 | (3 : 3 : 4) |
| c. | Show the steps to retrieve the data from each table and display | 05 | (3 : 3 : 4) |

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