

ASSIGNMENT SET - I
Department of Nutrition

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Subject- B.Voc. in Food Processing

Semester-II

Paper Code: BVFPS204T

**[INTRODUCTION TO COMPUTER APPLICATION AND STATISTICS
THEORY]**

Answer all the questions

Unit-1

1. What are input devices in a computer, and can you name a few examples?
2. Describe the primary function of storage devices in a computer, and provide examples of different types of storage devices.
3. What is a software license, and why is it important for users and developers?

Unit-2

1. In a food industry report, why is it important to include high-quality images of dishes and products, and how can you insert these images into a Word document?
2. Why might a food company include a watermark, such as a "Confidential" label, in their business proposals? How can you add a watermark to a Word document?
3. When creating a food menu for a restaurant, what considerations are important

for page setup in Word, and how can you prepare the document for printing with appropriate margins and page orientation?

Unit -3

1. How can a column chart be used to visualize the sales performance of different food items in a restaurant over a month in Microsoft Excel?
2. Describe the steps for creating a pie chart to represent the percentage distribution of different food categories on a menu in Excel. What kind of data would you need for this chart?

Unit-4

1. In a restaurant's marketing presentation, explain how the use of high-quality food images and videos can enhance the visual appeal of slides. How can multimedia content be incorporated into PowerPoint presentations?
2. What is the purpose of slide transitions and animations in a PowerPoint presentation for a cooking demonstration? How can these features be used to engage the audience effectively?

Unit -5

1. How has the internet transformed the food industry, from food delivery services to restaurant marketing and customer reviews? Discuss the impact of the internet on the food sector.
2. What are the key features and benefits of food delivery apps like Uber Eats and Door Dash for restaurants and customers? How have these apps changed the way people order food?

Unit -6

1. Explain the concept of a loyalty program in the food industry, such as a digital rewards system. How does this approach impact customer retention and repeat business?

2. Discuss the role of customer relationship management (CRM) software in the food industry. How can it help businesses track customer interactions and personalize their approach?

Unit -7

1. Explain the purpose of the Student's t-test. Under what circumstances is it employed, and how is it used to compare two groups of data?
2. What is the one-way analysis of variance (ANOVA) and why is it useful in statistical analysis? Provide a scenario in which ANOVA would be applied to compare multiple groups.
3. Explain the one-way analysis of variance (ANOVA) and its relevance in comparing multiple groups in the food industry. Provide an example where ANOVA is used to assess group differences.
4. What are the key assumptions underlying the one-way ANOVA test? How can deviations from these assumptions affect the validity of the test results in food research?

END