

ASSIGNMENT SET - II
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. How do outputs devices function in a computer system, and can you provide examples of output devices?
2. Draw a basic block diagram of a computer system and label the major hardware components.

Unit-2

1. How can you change the font style and size for a restaurant menu in Microsoft Word to make it more visually appealing?
2. Describe the steps to create a bulleted list for listing ingredients in a recipe using Word's paragraph formatting tools.
3. Why might a catering service use mail merge in Word to create personalized event invitations? Explain the steps involved in setting up a mail merge for this purpose.

Unit -3

1. When printing a profit and loss statement for a food business, why might you want to adjust the margins, and how can you do this in Excel?
2. Explain how the Page Break Preview function in Excel can be used to control where page breaks occur when printing a large menu for a restaurant. Why is this important for formatting?

Unit-4

1. In a presentation for a restaurant's menu, how can you create a unique design theme that reflects the restaurant's brand and style in PowerPoint? What design elements would you consider?
2. Explain the importance of consistent formatting, such as fonts and colors, when creating a PowerPoint presentation for showcasing food dishes. How can you format text and objects for visual consistency?
3. Why might a restaurant or food business use PowerPoint to create presentations? What are the benefits of using this software for visual storytelling in the food industry?
4. Describe the importance of slide design in a PowerPoint presentation for a food industry event. What principles should be considered when choosing colors and fonts for slides?

Unit -5

1. Explain how digital menus and websites with detailed ingredient information can benefit individuals with food allergies. How can the internet play a role in improving food safety for this group?
2. If you were advising a small local restaurant on its online marketing strategy, what web-based tools and techniques would you recommend to reach a wider

audience and increase customer engagement?

Unit -6

1. Explain the importance of search engine optimization (SEO) for businesses, including those in the food industry. How can they improve their online visibility through Google search?
2. What are the key factors to consider when choosing an email service provider for a business? Compare the benefits and limitations of using a hosted email service versus a free service like Gmail.

Unit -7

1. When is a chi-square test typically used in statistics? Provide an example of a research question where a chi-square test would be applicable.
2. Define standard error. How is it calculated, and what is its significance in statistics, particularly in the context of hypothesis testing and estimating population parameters?
3. What is the Student's t-test, and how does it compare two means? Describe a situation in the food industry where the t-test can be applied to make an inference.
4. When conducting a t-test in a food quality control study, what is the null hypothesis, and what is the alternative hypothesis? How can the results of the t-test influence product quality decisions?

END