

S-3012

Sub. Code

23BSOA3

U.G. DEGREE EXAMINATION, APRIL 2026

Software

Allied — INTERNET AND WEB DESIGN

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define search engine with example.
2. What is remote login?
3. Write the syntax for anchor tag.
4. Mention any two BODY section tags.
5. Define nested list.
6. What is the purpose of colspan and rowspan?
7. What do you mean by document object model (DOM)?
8. What is a frameset?
9. Define the use of submit and reset buttons.
10. Mention any two attributes of the <input> tag.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Compare static, dynamic and active web pages.

Or

- (b) Write a note on the uses of the Internet in daily life.

12. (a) Write HTML code to demonstrate usage of paragraph, image and horizontal rule.

Or

- (b) What are comment lines in HTML? How are they useful?

13. (a) Explain the method of creating tables in HTML with sample code.

Or

- (b) How can you apply coloring and width to table cells?

14. (a) Describe the different types of styles in CSS with examples.

Or

- (b) Write short notes on frame definition and nested frames.

15. (a) What are form elements in HTML? Explain any five.

Or

- (b) Discuss the use of action, method and enctype attributes in forms.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the evolution of the Internet and describe various web browsers.
 17. Describe how to design a colorful web page using HTML with title, headings and image.
 18. Write HTML code to display an ordered list, an unordered list and a table with cell coloring.
 19. Write short notes on internal CSS and linking an external style sheet.
 20. Design an HTML form for login, including username, password and submit button.
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S-3013

Sub. Code

23BSOA4

U.G. DEGREE EXAMINATION, APRIL 2026

Software

Allied — ADVANCED EXCEL

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is a relative reference?
2. Define VLOOKUP with an example.
3. Mention two types of custom validations in Excel.
4. What is the use of filtering in Excel?
5. Define a pivot chart.
6. What is the purpose of slicers?
7. What is the use of TEXT () function?
8. Give two features of 3D charts in Excel.
9. What is a scenario manager?
10. What do you mean by inline charts?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the steps to protect and unprotect cells and sheets?

Or

- (b) Explain the usage of nested VLOOKUP with tables and ranges.

12. (a) Write short notes on sorting data and its types.

Or

- (b) How do you design and reuse a custom Excel template?

13. (a) Explain “Show Values As” and how it changes Pivot Table display.

Or

- (b) How do you consolidate Excel data using external sources?

14. (a) List out and explain any five date and time functions.

Or

- (b) Explain the auto formatting and conditional formatting features in Excel.

15. (a) What is a Data Table? How is it used in “What If” Analysis?

Or

- (b) Write steps to create and link an Excel chart with PowerPoint.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain Excel's referencing types with examples. Describe when and why each is used.
 17. Describe data sorting, filtering, and validation techniques in detail.
 18. Demonstrate how to create and analyze Pivot Tables and Pivot Charts effectively.
 19. Explain the use of formatting features and power functions in Excel with examples.
 20. Describe the various components of "What If" analysis. Compare Goal Seek and Scenario Manager.
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