

15. (a) Write a note on the structure of a document.

Or

- (b) Explain about cross-referencing with an example.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL the questions choosing either (a) or (b).

16. (a) Explain : Types of commands in Latex.

Or

- (b) Explain :- Create a symbols note on the keyboard.

17. (a) Write a note on Tabbing environments.

Or

- (b) Write a note on Verbatim type setting.

18. (a) Explain Basic constructs in Latex.

Or

- (b) Write about Delimiters in Latex.

19. (a) Explain about vertical spacing.

Or

- (b) Explain about Tagging and Grouping.

20. (a) Explain about Bibliographies.

Or

- (b) Explain :- The preamble in Latex.

Reg. No. :

Code No. : 10733 E Sub. Code : ESMA 22

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2024

Second Semester

Mathematics

Skill Enhancement Course — LATEX

(For those who joined in July 2023 onwards)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 1 = 10$ marks)

Answer ALL the questions.

Choose the correct answer :

1. There are _____ special keys on the keyboard.
(a) 12 (b) 11
(c) 13 (d) 10
2. The _____ command instructs Latex to emphasize its argument text.
(a) `\emph{text}` (b) `\text{}`
(c) `\m{text}` (d) `\e{text}`



3. In the quotation environment, _____ make new paragraphs.

- (a) blank lines (b) more lines
(c) small lines (d) large lines

4. _____ draws a horizontal line the whole width of the table.

- (a) line (b) \mline
(c) \nline (d) \eline

5. _____ lines are permitted with an equation environment.

- (a) blank (b) no blank
(c) two (d) one

6. In Latex fractions are usually typed with _____ command.

- (a) \fr (b) \fc
(c) \frc (d) \frac

7. $\sqrt{5}$ side is typed from _____.

- (a) $\$ \sqrt{5} \text{ side} \$$
(b) $\$ \sqrt{5} \text{ side} \$$
(c) $\$ \sqrt{5} \{ \text{side} \} \$$
(d) $\$ \sqrt{5, \text{side}} \$$

8. $f(1/\sqrt{n})$ is typed _____.

- (a) $f(\sqrt{n})$ (b) $f\left(\frac{1}{n}\right)$
(c) $f\left(\frac{1}{n^2}\right)$ (d) $f\left(\frac{1}{\sqrt{n}}\right)$

9. Bibliographic referencing with _____.

- (a) \bibci (b) \bcite
(c) \cite (d) \bibtite

10. The reference _____ produces the number of theorem.

- (a) \ref{T, fund} (b) \ref{T: fund}
(c) \ref{T. fund} (d) \ref{fund}

PART B — (5 × 5 = 25 marks)

Answer ALL the questions choosing either (a) or (b).

11. (a) Explain basic keys in computer.

Or

(b) Explain about spacing rules.

12. (a) Write a note on proclamations.

Or

(b) Write about rule for displayed text environment.

13. (a) Explain :- Math environment.

Or

(b) Explain :- Equation in Latex.

14. (a) Explain :- STIX math symbols.

Or

(b) Explain :- Building new symbols.

