

17/01/26

(1301COSMJ25)

SVSSC GOVERNMENT DEGREE COLLEGE (A), SULLURPET

B.Sc Computer Science (Honours)

Semester – I JAN- 2026

COMPUTER FUNDAMENTALS AND OFFICE AUTOMATION

Time: 2 ½ Hours

Max. Marks: 60

SECTION – A

Answer any FIVE of the following

5 x 4 = 20 M

1. Explain the following number systems.
a) Binary b) Decimal
2. Explain the Evolution of Computers.
3. Describe Memory hierarchy.
4. What is internet? Write about IP Address.
5. Explain formatting options in MS Word.
6. Write some keyboard shortcuts used in MS Word.
7. Define the following terms: **row, column, cell** in Excel/Google Sheets.
8. What is conditional formatting and write its advantages in data analysis?

SECTION – B

Answer the following questions.

5 x 8 = 40 M

9. (a) Explain the components of computer with a neat block diagram.
OR
(b) Explain the generations of computer in detail.
10. (a) Explain different types of computers in detail.
OR
(b) What is a network? Explain types of networks.
11. (a) What is mail merge? Explain the steps to use mail merge feature in MS Word.
OR
(b) Explain how to design slides using Google Slides.
12. (a) Explain following functions: **SUM, AVERAGE, COUNT, IF** with examples.
OR
(b) Write short notes on the following:
i) Sorting ii) Filtering iii) Conditional Formatting
13. (a) Explain Pivot Tables and Pivot Charts.
OR
(b) Explain the steps involved in creating an interactive dashboard using MS Excel / Google Sheets.



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SVSSC GOVERNMENT DEGREE COLLEGE (A), SULLURPET
B.Com Honours(Computer Applications)
Semester – I JAN- 2026
BUSINESS ORGANIZATION AND MANAGEMENT

Time: 2 1/2 Hours

Max. Marks: 60

SECTION-A

Answer any five of the following

5 x 4 = 20 M

1. What is Partnership firm?
2. People-Partnership Model (P4)
3. Mergers and Acquisitions
4. Explain the Planning Function?
5. SWOT analysis
6. Centralisation Vs. Decentralization
7. Line and staff relationship
8. Budgetary control Technique

SECTION-B

Answer the following questions

(5 x 8 = 40marks)

9. (a) Explain the merits and demerits of Sole Proprietorship as a form of business organization.
Or
(b) Define Company? Explain the difference between Public Company and Private Company
10. (a) Explain the process, benefits and challenges involved in Business takeovers.
Or
(b) Discuss the importance of CSR and Quality Management in building a sustainable business environment.
11. (a) Explain the functions of management as outlined by Henry Fayol.
Or
(b) Explain the importance of decision making and planning in effective management.
12. (a) Define Leadership. Explain its importance in management.
Or
(b) Discuss the Maslow's Need Hierarchy Theory of Motivation
13. (a) Discuss the different control techniques used by managers.
Or
(b) Explain the relationship between planning and control in an organization.



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SVSSC GOVERNMENT DEGREE COLLEGE (A), SULLURPET (1031SEC25)
(B. Com / BFSI / B.Sc. / B. A) Semester – I JAN- 2026

AI FUNDAMENTALS

Time: 2 ½ Hours

Max. Marks: 60

SECTION–A

Answer any FIVE of the following

5 x 4 = 20 M

1. Define Artificial Intelligence (AI). Write the challenges in implementing AI.
2. Write about Natural Language Processing.
3. Mention at least four major industry applications of AI with examples.
4. Write short notes on the use of chatbots in retail.
5. What do you mean by “Ethics in AI”? Why is it important?
6. Explain the term inclusivity in AI.
7. Define Generative AI with an example.
8. Mention any two uses of AI in content creation and business.?

SECTION–B

Answer the following questions

5 x 8 = 40 M

9. (a) Explain the history and evolution of Artificial Intelligence.
OR
(b) Explain about Machine Learning in Artificial Intelligence.
10. (a) Explain the role of AI in healthcare.
OR
(b) Explain the applications of AI in education.
11. (a) Explain the ethical principles in the design and deployment of AI systems.
OR
(b) Explain Bias and Fairness in AI Systems.
12. (a) Define Prompt Engineering. Explain the role of Prompt Engineering in AI/ML interaction.
OR
(b) Write short notes on the following:
i) ChatGPT ii) Perplexity
13. (a) Explain the applications of Prompt Engineering.
OR
(b) Explain how AI can be used for Creative Writing and Creative Design.