SE III NEP | Branch - comp AIEDS | May-2026 | Q.P. code 3001

Date - 15/06/2026

1/1

**Paper : Generative AI**

**Duration: 1 hour** **Max Marks: 30**

N.B.

1. **Question No1 is compulsory**
2. **Attempt any two questions out of the remaining question no. 2 to 5.**
3. **All Questions carry equal marks**

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| 1 | | **Attempt any five** | **[10]** |
| | (a) | Define Generative AI | [2] |
| | (b) | What is GPT and Chat -GPT? | [2] |
| | (c) | Define LLM. | [2] |
| | (d) | What is pre-training? | [2] |
| | (e) | What is LSTM? | [2] |
| | (f) | What is tokenization in transformer model? | [2] |
| 2 | (a) | Explain the architecture of CNN & how it works? | [5] |
| | (b) | Explain architecture and working of GPT models. | [5] |
| 3 | (a) | Explain ethical issues in Generative AI. | [5] |
| | (b) | Explain different GPT variants and their applications. | [5] |
| 4 | (a) | Explain the architecture and working of Transformer models. | [5] |
| | (b) | Explain any five Generative AI tools with examples. | [5] |
| 5 | (a) | Explain RNN and its limitations. | [5] |
| | (b) | Explain GPT architecture and working. | [5] |

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