Hall Ticket Number: **24CB103/24CM103/24CS103/24DS103/24EE103**

I/IV B.Tech (Regular) DEGREE EXAMINATION

January, 2025 — **Common to CB, CM, CS, DS & EE Branches**

First Semester — **Communicative English**

Time: Three Hours — **Maximum: 60 Marks**

Answer question 1 compulsorily. **(12X1 = 12 Marks)**

Answer one question from each unit. **(4X12 = 48 Marks)**

1.		**Correct and rewrite the following sentences**	**CO**	**BL**	**M**
	a)	Spetacles is now a costly item.	CO2	L1	1M
	b)	Many a men were drowned in the sea	CO2	L2	1M
	c)	Ram, I and you have finished our studies.	CO1	L1	1M
	d)	An European lives in my room.	CO1	L2	1M
	e)	The English is a very popular language.	CO1	L3	1M
	f)	I dislike to see a film late in the night.	CO1	L1	1M
	g)	I respect him as he is my teacher.	CO1	L3	1M
	h)	Each man and each boy is responsible for their actions.	CO2	L1	1M
	i)	Man is only animal who can talk.	CO2	L1	1M
	j)	Forty miles are a good distance.	CO3	L1	1M
	k)	More than one employees were killed in the accident.	CO3	L2	1M
	l)	There is lots of books to read.	CO3	L1	1M
		Unit –I			
2.	a)	**Fill in the blanks with right articles to make a meaningful paragraph.** In ----- quiet village, a young inventor named Arin built a mechanical bird that flew higher than anyone thought possible. As its glowing wings lit up the night sky, ---- villagers, once doubtful of his creations, gathered in awe. For ---- first time, they began to believe in ----- magic of his ideas.	CO1	L1	4M
	b)	**Write the meaning of the root words given and write two examples using it.** **i. Ambi ii. Poly iii. Geo iv. Anti**	CO1	L4	3M
	c)	Create a Mind Map on **"Steps to Achieve a Goal."**	CO1	L4	5M
		(OR)			
3.	a)	**Complete the paragraph using appropriate prepositions.** In the heart ----- an ancient forest, a lost traveler stumbled ------ a hidden spring surrounded ------ glowing blue flowers. As he drank from the clear water, a strange warmth filled his body, and he felt the forest around him come alive trees whispering secrets, and the wind carried faint, melodic voices. He realized this was no ordinary spring, but a source ---- ancient magic guarding the forest's soul.	CO1	L1	4M
	b)	**Punctuate the given paragraph to make it meaningful text.** A boy named Leo discovered a strange coin on his walk home when he flipped it a door appeared in the ground leading him to an underground world full of wonders.	CO1	L4	3M
	c)	Write a paragraph on "**The Benefits of Healthy Living**."	CO1	L4	5M
		Unit –II			
4.	a)	**Complete the following sentence using an appropriate verb form.** i. The team __ (is/are) preparing for the upcoming competition. ii. Each of the employees __ (has/have) been given a new laptop. iii. The furniture in the room __ (needs/need) to be cleaned before the guests arrive. iv. Neither the manager nor the staff __ (knows/know) the details of the project.	CO2	L2	4M
	b)	**Choose the word closest in meaning to the underlined part from the given options** i. The teacher gave us **ample** time to finish the assignment. a) limited b) sufficient c) insufficient d) short ii. The weather was **unpredictable**, changing every hour. a) steady b) stable c) uncertain d) clear iii. The CEO delivered a **brief** statement about the company's future. a) long b) detailed c) short d) confusing	CO2	L2	3M
	c)	Write a letter to your principal requesting permission to organize a cultural event at your college. Mention the purpose of the event, the benefits for students, and how it will be managed.	CO2	L2	5M
		(OR)			
5.	a)	**Complete the following sentence using an appropriate conjunction.** i. I wanted to go to the park, ----- (but/yet) it started raining. ii. She studied hard, ----- (so/though) she passed the exam with flying colors. iii. You can either have tea ----- (or/nor) coffee. iv. iv. I like to read books ----- (and/or) listen to music in my free time.	CO2	L2	4M
	b)	**Pick the closest antonym of the following words from the options given.** i. **Active**: a) lazy b) busy c) energetic d) lively ii. **Entrance**: a) exit b) leave c) gentle d) reveal	CO2	L3	3M

		iii. **Optimistic:** a) hopeful b) pessimistic c) joyful d) excited			
	c)	**The sentences in the given questions, when properly sequenced, form a coherent paragraph. Identify and write the sequence of both the questions.** i. At first, they hesitated to enter, unsure of what lay ahead. ii. Deep in the forest, they stumbled upon an old, abandoned cabin. iii. Inside, they found dusty furniture and a box filled with old letters. iv. Curious and a bit scared, the group of friends decided to explore. **v.** v. The discovery sparked their imagination, wondering about the cabin's past**.**	CO2	L2	5M
		Unit –III			
6.	a)	**Complete the sentences with suitable tense forms of the given verbs** i. I __ (just/finish) my homework when the phone rang. ii. They __ (wait) for the bus when it started raining. iii. This time tomorrow, I __ (sit) on a beach in Hawaii. iv. I __ (study) when my friend knocked on the door. v. We __ (have) dinner when they arrived. vi. vi. They __ (not/finish) the project yet.	CO3	L4	6M
	b)	**Choose the best one-word substitute that is appropriate from the given choices.** i. **The one who is all powerful** a) Omniscient b) Omnipotent c) Omnipresent d) Idealist ii**. Someone with a beautiful handwriting** a) Calligrapher b) Optimist c) Linguist d) Pessimist iii**. An individual who is unable to express or interact easily** a) Extrovert b) Introvert c) Ambivert d) Optimist iv. **A person who is always cheerful and happy** a) Optimist b) Pessimist c) Realist d) Skeptic v**. A person who thinks only of himself** a) Altruist b) Egoist c) Idealist d) Optimist vi**. A person who travels from place to place** a) Nomad b) Tourist c) Adventurer d) Sailor	CO3	L1	6M
		(OR)			
7.	a)	**Change the Voice of the following sentences.** i. The cake was backed by my mother. ii. The teacher teaches the students every day. iii. The children have finished the homework. iv. He will write the report by tomorrow. v. They have built a new bridge in the city. vi. vi. The chef is preparing the meal for the guests.	CO3	L2	6M
	b)	**Read the given passage and make notes on it in points, using abbreviations, wherever necessary. Also suggest a suitable title.** Artificial Intelligence (AI) is a rapidly advancing field that is reshaping the landscape of engineering across various disciplines. It incorporates technologies such as machine learning, deep learning, natural language processing, and neural networks to enable machines to perform tasks that typically require human intelligence. In engineering, AI's applications are vast and growing, offering innovative solutions for complex problems. In mechanical engineering, AI is used in product design through generative design techniques. By inputting specific parameters such as material, weight, and strength requirements, AI algorithms generate numerous design alternatives, enabling engineers to choose the most efficient one. AI also optimizes manufacturing processes with advanced robotics and automation, increasing production efficiency and reducing errors. In civil engineering, AI plays a significant role in urban planning and infrastructure development. Smart city projects utilize AI to manage traffic, reduce energy consumption, and enhance the overall quality of life. AI-driven models predict structural failures and assess the safety of buildings and bridges, ensuring public safety and reducing maintenance costs. In electrical engineering, AI aids in the development of smart grids. These grids optimize power distribution, manage demand, and predict energy requirements based on real-time data. AI also contributes to renewable energy integration, balancing variable power sources like solar and wind with traditional energy systems. In aerospace engineering, AI is essential for autonomous navigation systems, such as self-piloting drones and spacecraft. It improves flight efficiency, enhances safety, and reduces operational costs. AI-driven simulations are also used to predict and test aerospace designs under various conditions before physical implementation. Despite its potential, AI adoption in engineering comes with challenges. Ethical concerns, such as the displacement of jobs due to automation, raise questions about its societal impact. Data security and privacy are critical issues as AI systems rely heavily on vast amounts of data, which, if compromised, could lead to severe consequences. Furthermore, the high cost of implementing AI systems, the need for skilled professionals, and the complexities of integrating AI with existing infrastructure pose significant barriers. The future of AI in engineering depends on addressing these challenges while leveraging its capabilities to innovate and improve industries. As technology advances, AI is expected to play an even more central role, fostering sustainable development and enhancing the efficiency and effectiveness of engineering solutions.	CO3	L1	6M
		Unit –IV			

8.	a)	**Read the given passage and write the summary of it, suggest a suitable title.** Engineering is a field that shapes the world we live in, from infrastructure and technology to medical advancements and energy systems. However, the profession carries a significant responsibility to prioritize ethical practices to ensure safety, sustainability, and societal welfare. One of the primary ethical issues in engineering is public safety. Engineers must design and build systems that protect users and minimize risks. Historical failures like the Challenger space shuttle disaster and bridge collapses highlight the catastrophic consequences of neglecting safety standards and ethical considerations. Another critical issue is environmental sustainability. Engineers play a vital role in developing eco-friendly technologies and reducing environmental impact. However, balancing development with sustainability remains a challenge, as economic pressures often drive decisions that compromise environmental goals. Corruption and accountability are other significant concerns. In many projects, unethical practices such as bribery, cutting corners, or falsifying data lead to substandard outcomes and public distrust. Engineers must uphold transparency and accountability to maintain professional integrity. The rapid growth of technology introduces new ethical dilemmas, such as privacy and data security in systems like AI, IoT, and cybersecurity. Engineers must ensure that technologies respect user rights and prevent misuse. Additionally, issues like job displacement due to automation raise questions about the societal impact of engineering innovations. Professional organizations like the Institute of Electrical and Electronics Engineers (IEEE) and the American Society of Civil Engineers (ASCE) provide ethical guidelines to help engineers navigate complex scenarios. Adherence to such codes ensures that engineers prioritize the well-being of society over personal or corporate gains	CO4	L3	6M
	b)	**Rewrite the given sentences as directed.** i."I am going to the market," she said. (Change it into indirect speech) ii. Can you help me with my homework?" she asked. (Change it into indirect speech) iii. The sun rises in the east," the teacher said. (Change it into indirect speech) iv. Being lazy, he failed in the examination. (Change it into a compound sentence) v. Though they were strong, they were not beaten. (Change it into a simple sentence) vi. The dog slept in the park, yet it was given food. (Change it into a complex sentence)	CO4	L2	6M
		(OR)			
9.	a)	Write an essay on **"Impact of Technology on Modern Education"**	CO4	L2	6M
	b)	**Differentiate the following confusing words and use them in your sentences.** i. Affect – Effect ii. Complement – Compliment iii. Stationary - Stationery iv. Principle – Principal v. Desert – Dessert vi. vi. Proceed - Precede	CO4	L1	6M