VIT-AP UNIVERSITY	Final Assessment Test – Winter (2024-25) Freshers - May 2025	
	Maximum Marks: 100	Duration: 3 Hours
Course Code: ENG2001	Course Title: English for Professional Communication	
Set No: 07		
Date: 19/05/2025	Exam Type : Closed Book	
	Slot: A1	School: VISH
		Session: FN

Keeping mobile phone/smart watch, even in 'off' position is treated as exam malpractice

General Instructions:
- Word limit in questions, wherever specified, should be adhered to.
- Unless struck off, only the first attempt of a question shall be counted, even if attempted partly.

PART – A: Answer any <u>TEN</u> Questions, Each Question Carries 10 Marks (10×10=100 Marks).

Q1. Choose the correct word from the alternatives provided in parentheses for the given sentences.

(10 x 1 = 10 Marks)

a. The delay only served to ___ (irritate/ aggravate) the problem further.
b. It's hard to determine whether the project will be ___ (worth while/ worth full).
c. His speech made an ___ (illusion/ allusion) to past political events.
d. The response seemed ___ (all right/ alright) despite the confusion.
e. We had no ___ (alternate/ alternative) but to follow the original plan.
f. The decision was made ___ (among/ between) the three candidates.
g. He couldn't ___ (care less/ care more) about the situation.
h. He did not just ___ (imply/ infer) anything; he made his thoughts clear.
i. The judge remained ___ (disinterested/ uninterested) in the case.
j. She didn't ___ (allude/ elude) to her previous experience during the discussion.

Q2. Rewrite the following sentences using the correct punctuation marks, and underline the corrected punctuation mark.

(10 x 1 = 10 Marks)

a. The students submitted their assignments late, therefore, they lost marks.
b. The conference attracted participants from Tokyo, Berlin, Paris and Cairo.
c. After the long discussion on climate change and sustainability, the panel concluded their session
d. The managers decisions affected every department in the organization.
e. The professor said, Effective communication is key to leadership.
f. What a remarkable performance that was.
g. Can you explain how artificial intelligence impacts education.
h. She had many responsibilities at work: managing reports, organizing meetings, supervising interns she handled them well.
i. The guest speaker emphasized three crucial skills; communication, teamwork, and adaptability.
j. Although she was tired she continued working on the research presentation.

Q3. Using the information provided below, write properly formatted citations in APA 7th edition style, ensuring correct punctuation and sequencing.

(5x 2=10 Marks)

First Author: Priya Desai
Second Author: Arjun Mehta
Year: 2024
Book Title: *Digital Innovations in Learning Environments*
Chapter Title: Gamification and Virtual Classrooms
Article Title: Teaching Strategies in the Digital Age
Journal Name: *Journal of Educational Technology*

Write citations for the following:
a. Book- Single author
b. Book – Double author
c. Book Chapter- Double author and two editors
d. Journal article in print- Single author
e. Journal article - Two authors with DOI.

Q4. You are participating in a group discussion on the topic of "Climate Change Policies: Balancing Economic Growth with Environmental Responsibility." The discussion includes individuals from different professional domains, such as an Environmental Scientist, an Industrial Economist, and a Government Policy Advisor. Prepare 10 conversational exchanges, each containing 12–15 words, to demonstrate contrasting views, counterpoints, shared concerns, and collaborative efforts to reach consensus.

(1x 10 = 10 Marks)

Q5. The following are two questions that were asked during an interview. Carefully analyze each question and write a well-structured response in 150 words for each.

(2x 5=10 Marks)

a. Describe a situation where you had to handle a conflict with a team member. How did you resolve it?

b. You are assigned to lead a client presentation, but your team is suddenly short-staffed and underprepared. What would you do to manage the situation effectively?

Q6. On April 18, 2025, at around 3:45 PM, you were working in your department's lab when you noticed a strong burning smell. You immediately identified that one of the computers near the window had started smoking due to a short circuit. You turned off the main power supply and evacuated the room. You then informed the lab technician and the fire safety officer. The technician confirmed that the system's internal wiring had overheated due to poor ventilation. You recorded the incident, ensured all other systems were checked, and filed a report. The damaged computer was replaced the next day. Draft an incident report based on the information in 150-200 words.

(1 x 10 = 10 Marks)

Q7. Rearrange the sentences from a technical report into a coherent abstract and explain the rationale in 100 words. Rewrite only the sequence, not the entire sentence.

(1x10 = 10 Marks)

A. The study involves a mixed-methods approach combining simulation-based modelling with real-time energy consumption data from urban households across three metropolitan regions.

B. The results demonstrate that integrating solar microgrids can reduce dependency on centralized energy systems and significantly lower carbon emissions in densely populated areas.

C. This research investigates the potential of decentralized solar energy networks in addressing urban energy crises and improving resilience in overburdened power infrastructures.

D. While findings are promising, further policy-level planning and investment incentives are essential for wide-scale adoption and long-term sustainability of solar microgrid systems.

E. Rapid urbanization and the rising energy demand in developing nations have necessitated the exploration of alternative, sustainable sources of power such as decentralized solar networks.

Q8. Dr. Priya Mehra, a computer science faculty member at Crestline College, receives an unexpected email from Ravi Sharma, a final-year undergraduate who took a "Data Ethics" elective with her during his second year. Ravi had scored an A+ but was relatively quiet in class, rarely asked questions, and had minimal one-on-one interaction with Dr. Mehra. Now, two years later, he is applying for a Master's in Data Science and insists that Dr. Mehra is the only professor who taught a course relevant to his graduate application. He attaches a resume and requests a strong letter of recommendation within four days. As Dr. Mehra, how would you respond to this request? Analyze the ethical, professional, and practical considerations involved in responding to Ravi's request. Justify your decision with clear reasoning in 250-300 words.

(1x 10 =10 Marks)

Q9. Assume you are Dr. Rhea Thomas, Coordinator, Centre for Sustainable Technology, GreenTech Institute of Engineering. Draft a letter of collaboration (150-200 words) addressed to Dr. Ayaan Mehra, Head of Environmental Studies, Bangalore City University, regarding a proposed joint research project titled "Smart Waste Management for Urban Campuses". The objective is to explore innovative waste reduction strategies in educational institutions. draft a letter of collaboration in 150-200 words.

(1x 10 =10 Marks)

Read the following excerpt to answer questions 10, 11, and 12. Marks will not be awarded if the sentences are directly copied from the passage.

Artificial Intelligence in Education (AIED): Opportunities, Challenges, and the Way Forward

In recent years, Artificial Intelligence (AI) has transitioned from a futuristic concept to a transformative force reshaping various sectors—including education. AI in Education (AIED) is no longer an abstract vision but a rapidly evolving reality that redefines how learning is delivered, assessed, and experienced across the globe. From personalized tutoring systems to automated administrative tasks, AI is gradually becoming an integral component of contemporary educational ecosystems. One of the most impactful applications of AI in education lies in personalized learning. Traditional classrooms, especially those with high student-teacher ratios, often struggle to accommodate the diverse needs and learning paces of individual students. AI-enabled platforms, such as intelligent tutoring systems (ITS) and adaptive learning technologies, offer customized educational experiences. These systems analyze data on student behavior, performance, and preferences to adjust content delivery in real-time. This level of personalization not only enhances student engagement but also supports differentiated instruction for students with varied abilities and backgrounds.

For instance, platforms like Carnegie Learning and Dream Box Learning employ AI algorithms to identify student strengths and weaknesses, adapting content accordingly. In doing so, they mimic the function of a human tutor by providing scaffolding, feedback, and pacing that suit each learner. Such technologies have proven particularly beneficial in STEM subjects where conceptual clarity is essential. Moreover, AI-powered tools can help students with disabilities by offering speech-to-text support, real-time captioning, and other assistive features that promote inclusivity. Beyond classroom learning, AI is revolutionizing educational assessment and feedback mechanisms. Automated grading systems can assess multiple-choice tests, essays, and even coding assignments with increasing accuracy. Natural Language Processing (NLP) tools like Grammarly and Turnitin provide real-time feedback on grammar, coherence, and originality, helping students refine their writing skills. These tools not only ease the teacher's workload but also promote formative assessment, allowing students to improve continuously.

In administrative contexts, AI streamlines operations such as enrollment management, scheduling, and student support. Chatbots integrated into university websites can handle thousands of queries simultaneously, offering round-the-clock support. AI systems also play a role in predictive analytics, helping institutions identify students at risk of dropping out based on engagement patterns, academic performance, and social factors. Early interventions based on such insights can significantly improve student retention and success.

However, the growing reliance on AI in education is not without challenges. A primary concern is the ethical use of student data. AI systems rely heavily on collecting and analyzing large datasets, raising serious questions about privacy, consent, and data security. There is a pressing need for stringent data protection policies to prevent misuse and breaches. Bias in AI algorithms also poses a significant threat. If AI tools are trained on datasets that reflect historical or systemic biases, they may inadvertently perpetuate inequalities in education. For example, automated grading tools may favor certain dialects or writing styles, disadvantaging students from non-dominant linguistic backgrounds. Ensuring transparency in algorithmic decision-making and regular auditing of AI systems is crucial to mitigate such risks.

Another major issue is the digital divide. While AI can enhance education, its benefits are unevenly distributed. Students in under-resourced areas often lack access to high-speed internet, updated devices, or even reliable electricity. This disparity can exacerbate existing educational inequalities unless comprehensive infrastructure and digital literacy programs are implemented at scale. There is also an ongoing debate about the role of AI in replacing human educators. While AI can automate many tasks, the human touch in teaching—such as emotional support, moral guidance, and critical thinking facilitation—remains irreplaceable. The most effective use of AI in education is likely to be one that complements, rather than replaces, the human teacher. Educators

will need to adopt new roles as facilitators, mentors, and data interpreters in AI-augmented learning environments.

To maximize the potential of AIED, policymakers, technologists, educators, and researchers must collaborate closely. Investment in teacher training is critical to ensure that educators can effectively integrate AI tools into their pedagogy. Curriculum reforms should also emphasize computational thinking, digital ethics, and AI literacy to prepare students for a future shaped by intelligent technologies.

In conclusion, Artificial Intelligence offers remarkable opportunities to transform education through personalization, efficiency, and innovation. Yet, its implementation must be approached with caution, inclusivity, and a strong ethical framework. As we move forward, a balanced approach that respects human agency while leveraging technological advances will be key to shaping a future where education is both equitable and intelligent.

Q10. Summarize the given passage in 150-200 words. In addition, provide five keywords. **(1x10=10 Marks)**

Q11. Read the above passage carefully and answer the given questions in not more than 80 words.

(4x2.5=10 Marks)

a. How might the increasing integration of AI in education redefine the traditional role of teachers in the next decade?
b. In what ways could reliance on AI-based assessment tools unintentionally deepen existing educational inequalities?
c. Why should policymakers focus on ethical frameworks alongside technological advancement in AIED implementation?
d. How can the global education system ensure that underprivileged students are not excluded from the benefits of AI-enhanced learning?

Q12. Imagine you are asked to present the above content as a report at a formal meeting or academic seminar. Prepare five PowerPoint slides that clearly and effectively communicate the key points from the content. Ensure your slides follow formal presentation standards in terms of structure, clarity, and professional appearance.
(1x 10 =10 Marks)

QP MAPPING

Q. No.	Easy/Average/ Tough	Module Number	Marks	Bloom's Taxonomy Level	CO Mapped	PO Mapped	PEO Mapped	PSO Mapped
Q1	E	2	10	2	CO2	10	-	-
Q2	E	2	10	3	CO3	10	-	-
Q3	A	5	10	3	CO3	10	-	-
Q4	A	1	10	4	CO2	10	-	-
Q5	E	1	10	3	CO2	10	-	-
Q6	A	3	10	6	CO3	10	-	-
Q7	T	5	10	4	CO3	10	-	-
Q8	T	4	10	5	CO3	10	-	-
Q9	A	4	10	6	CO3	10	-	-
Q10	A	5	10	2	CO3	10	-	-
Q11	A	5	10	2	CO3	10	-	-
Q12	T	3	10	6	CO3	10	-	-