

B.E. / B.Tech. DEGREE END SEMESTER EXAMINATIONS
APR / MAY 2025
Second Semester

HS4202 – COMMUNICATIVE ENGLISH - II
(Common to ALL Branches)
(Regulations 2024)

Time: Three Hours

Maximum Marks:

Answer ALL Questions

RBT Level : L1- Remembering, L2 – Understanding, L3 – Applying, L4 – Analyzing, L5 – Evaluating, L6 – Creating

PART – A (10x2=20 Marks)

1. Compare and contrast the main features of advertisements and product descriptions. Focus on how each uses language, tone, and structure to achieve its purpose.
2. For each of the following, select the most appropriate option that forms a technically valid compound word in the context of engineering or applied sciences.
 - i) Signal _____
 - a) Integrity
 - b) Block
 - c) Pipe
 - d) Shield
 - ii) Load _____
 - a) Line
 - b) Factor
 - c) Module
 - d) Flow
3. Transform the following sentence into the impersonal passive voice, ensuring clarity and formal tone:
 - a) Everybody thinks that she sings beautifully.
4. Identify whether the underlined expressions in the following sentences are gerunds or infinitives, and briefly justify your answer:
 - a) They are likely to show up at any time.
 - b) The man denied committing the crime.

5. Choose the most accurate compound word relevant to engineering or technology usage in each sentence

i) The design team reviewed the _____ before proceeding with fabrication.

- a) blueprint
- b) blue print
- c) blue-print

ii) A _____ is used to ensure uninterrupted power supply during outages.

- a) backupgenerator
- b) backup generator
- c) back-up generator

6. Rewrite the following engineering-based scenarios using the correct conditional form as indicated.

a) The PCB was damaged because the voltage exceeded the rated level. (Third Conditional)

b) He doesn't have access to CAD software, so he cannot design the 3D model. (Second Conditional)

7. a) Convert the following sentence into reported speech, ensuring appropriate tense shift and temporal reference:

John said, "I will meet you tomorrow.

b) Change the following direct speech into indirect speech, considering both modal verb transformation and time expression:

She said, "I cannot come to the party tonight.

8. Fill in the blanks with the most suitable modal verb

a) All students _____ submit the final lab report before 5 p.m. to avoid grade penalties.(must/may)

b) The loose connection _____ be the reason behind the fluctuating voltage. (can/should)

9. Combine the following sentences using relative clauses, ensuring that technical clarity is maintained:

a) I purchased a new server. It has high processing power.

b) The engineer is renowned. She developed the algorithm that optimized the system's performance.

10. Identify the idiom in each of the following sentences, and provide its meaning in the context of engineering or technical projects:

a) After a series of troubleshooting failures, the team finally saw the light when they identified the root cause.

b) During the critical design phase, the engineers were walking on thin ice, as an mistake could delay the product launch.

PART - B (5x16=80 Marks)

- a) Draft a formal letter to the editor of a technical journal addressing the detrimental effects of inefficiency and corruption within local government offices on the development and deployment of public infrastructure projects, such as smart city initiatives or public transportation systems. Discuss how this affects project timelines, resource allocation, and technological innovation.

(OR)

- b) i) Identify and critically evaluate the key factors that should be considered when marketing a new engineering product—for example, an innovative IoT device for industrial automation. Address considerations such as market segmentation, product lifecycle, and the role of technological differentiation in positioning the product for success.
- ii) Compare and contrast the purpose and content of a user manual versus a product brochure in the context of a newly launched software application for engineering simulations. Discuss their roles in customer support and marketing, and provide a suitable example of each in the field of engineering technology.

- a) Formulate a professional response to a customer complaint regarding the delayed and improperly delivered food, taking into consideration the impact on customer satisfaction and operational procedures.

(OR)

- b) i) Critically evaluate the advantages and limitations of podcasts as a supplementary tool for language acquisition in comparison to traditional classroom instruction. Propose strategies for integrating podcasts into a learner's structured study plan in a technical discipline.
- ii) Examine the role of modern presentation tools, such as PowerPoint and Canva, in enhancing the effectiveness of technical presentations. Assess their capacity to aid in the communication of complex engineering concepts, with particular emphasis on visual aids and data visualization.
- i) Develop a comprehensive case study outlining the design and implementation of a mobile application aimed at assisting students in efficiently managing their study schedules. Detail the app's core features, user interface design, and explain how it enhances the study planning process, ensuring improved time management and productivity.
- ii) Compile a detailed checklist of eight essential items to prepare effectively for a Hackathon, focusing on key aspects such as team coordination, technical readiness, and presentation skills.

(OR)

b) Read the text and answer the following questions:

WAR has never solved any problem. It leaves behind it hatred and spirit of revenge in the minds of those who have been defeated and gives rise to pride and vanity in the mind of one who has conquered. So, the lull after the war should not be taken as an era of real peace but it is just like the lull before a storm.

Not very long ago, Ashoka, a king of India, learnt after a great battle, that war causes much suffering on either side and gives rise to many other problems. Alexander, the great conqueror, also realized this in the end and, so when he was down with serious illness, he said to his Generals; "When I am dead, let my hands be out of the coffin so that the people can see that I am leaving this world empty-handed. All my loot and plunder, all the territory I conquered, has been left behind". Mr. Dwight D. Eisenhower, the late President of America, who was once a Commander of the Allied Forces in the World War II and had seen the upheavals and ravages of war from close quarters, said, "Having been directly connected with war, I know what it really means in terms of human misery and I, therefore, now shun war".

But do the political leaders of today, who are men in seats of power, take this wise counsel? No, under pressure of public opinion or due to some compelling circumstances, man again decides to go in for war, overtly or covertly. This is the great weakness in man. Men and nations can solve their problems only in a peaceful manner. Though man has languages as a potent means of expression and he has the intellect also to argue his case and convince others, yet man ultimately uses the ways of the animals that strike head against head.

The difficulty with the animals is understandable because they do not have language and reason as their means to seek justice nor do they have any developed system of jurisprudence. So, the lesson I learn from history is that 'man does not learn lessons from history'.

I. Fill in the blanks with appropriate expressions chosen from the text:

(7)

- i) Those who have lost in war will lodge _____ and a spirit of _____
- ii) Ashoka realised that war causes much _____ on either side and gives rise to many other _____.
- iii) Eisenhower realized that war only brought about _____
- iv) Under pressure man takes up war either _____ or _____
- v) Man can avoid war because he has _____ as a potent means of expression and the _____ to argue out his case to the opponents.
- vi) Without using the power of reason men, in the end, follow the ways of _____ and resort to war.
- vii) What one learns from history is that man does not learn lessons from _____.

II. Answer the following questions:

A) i) War is not the answer to problems between nations - Discuss. (5)

ii) What message did King Alexander want to convey by asking his generals to have his hands out of the coffin after death?

iii) Why did Mr. Dwight Eisenhower hate war?

iv) Animals can afford to fight amongst themselves, but not men, why?

v) Man does not learn from history - Explain the statement with illustration.

B) Pick out four expressions that are related to war and death from the text and use them in sentences of your own. (4)

14. a) You have recently visited an industrial plant as part of your academic project on sustainable industrial practices. Write a detailed report on the plant's environmental initiatives, sustainability efforts, and how these practices contribute to reducing its ecological footprint. Include an analysis of energy usage, waste management, and any green technologies implemented at the facility. CO

(OR)

b) As part of a group assignment, you are tasked with conducting an in-depth interview with a classmate on a subject relevant to your course. Document the interview process, the insights gained, and present a structured report on the findings, highlighting the key points discussed and their relevance to your field of study. CC

a) You are tasked with evaluating a Standard Operating Procedure (SOP) excerpt related to fire safety within an office environment. Read the following SOP and provide a comprehensive analysis based on your findings: C

Title : Fire Safety Procedure

Purpose: To ensure the safety of employees and minimize risks in case of a fire emergency.

Scope : This procedure applies to all employees within the office premises.

Procedure:

1. In case of fire detection, employees must immediately activate the nearest fire alarm.
2. All employees should evacuate the building using designated emergency exits.
3. Do not use elevators during evacuation.
4. The fire safety team should assist in guiding employees to assembly points.
5. The supervisor must conduct a headcount at the assembly area and report any missing personnel.
6. Employees must wait for clearance from the fire department before re-entering the building.

Task:
Analyze the effectiveness of the Fire Safety Procedure outlined in the SOP. Identify the key strengths of the procedure, including its strengths in employee safety and emergency protocol. Critically examine any potential weaknesses that could compromise the efficacy of the procedure, such as communication breakdowns or insufficient training. Propose detailed improvements to enhance fire safety, ensuring it meets best practices and complies with industry standards for emergency preparedness. Discuss how the proposed changes could optimize response times and minimize risks during a fire emergency.

(OR)

b) You are applying for a Software Engineering Internship at a leading tech company known for its innovative projects in AI and machine learning. The internship position requires candidates to have strong programming skills, problem-solving abilities, and an understanding of data structures and algorithms. Your task is to create a cover letter and a resume that showcases your relevant skills, academic achievements, and any relevant experience, while aligning with the job requirements.

Task:

1. Write a Cover Letter for the internship position, addressing the hiring manager. In your cover letter, highlight your motivation for applying, your academic background in computer science, and any technical projects or experience that demonstrate your qualifications for the role. Show how your skills and passion for technology make you an ideal candidate for the position.
2. Create a Resume that outlines your educational background, programming skills, academic projects, relevant coursework, and any work experience or extracurricular activities that reflect your capabilities as a software engineering intern. Be sure to emphasize your proficiency in programming languages, problem-solving skills, and your ability to work in a team-oriented environment.