

MAKEUP AUTUMN MID-SEMESTER EXAMINATION-2023-24**Kalinga Institute of Industrial Technology****Deemed to be University****3rd Semester B.TECH****Subject: SCIENTIFIC & TECHNICAL WRITING (EX20003) (Regular)****Time: 1.5 hours****Full Marks: 20***The figures in the right-hand side indicate full marks.**All parts of a question should be answered at one place only.***(All questions are compulsory)**

Question No	Section-A	Question	CO Mapping	Marks
Q1.	Question Type (SAT)	Answer the following questions in short.		[1x10]
a		Replace the clichéd phrase with more appropriate words, from the following sentence: It goes without saying that we will adapt the product to better meet our customers' needs. <i>Ans: Of course, we will adapt the product to better meet our customers' needs.</i>	CO1	1
b		Eliminate the stereotype from the following sentence: She is one of the leading woman scientists in her field. <i>Ans: She is one of the leading scientists in her field.</i>	CO1	1
c		Transform the colloquial language of the following sentences into formal language: 'Damn, I missed my plane, man!' 'I feel ya, buddy, I feel ya.' <i>Ans: 'Oh dear, I missed my plane!' 'I'm sorry for you, I really understand.' (There could be one or two variations of this version.)</i>	CO2	1
d		Create a nested list from the following sentence (use the entire sentence): Every café should contain the following kinds of beverage containers – hot beverage containers like coffee mugs, coffee cups, tea cups, and travel mugs, and cold beverage containers like water glasses, and reusable plastic cups. <i>Ans: Every café should contain the following kinds of beverage containers:</i> <i>Hot beverage containers Cold beverage containers</i> <i>coffee mugs water glasses</i> <i>coffee cups reusable plastic cups</i> <i>tea cups</i> <i>travel mugs</i>	CO3	1
e		Give two examples of the signpost you can use to indicate cause and effect. <i>Ans: As a result/ consequently/ due to/ because of this etc.</i>	CO3	1
f		Explain the differences between creator and author. <i>Ans: When an employed person creates something as part of his (or her) work, then the person is the "creator", and the employer is the</i>	CO4	1

		<i>“author” of the work. The copyright rests with the employer</i>		
g		<p>Write an acknowledgment for the financial support you received from Govt. of India for your research work.</p> <p><i>Ans: The authors would like to thank the Govt. of India for providing financial support for this research.</i></p>	CO4	1
h		<p>What are the aspects that are considered while framing a title?</p> <ul style="list-style-type: none"> <i>Should be informative, giving a meaningful description of the work being reported.</i> <i>Should indicate the specific research problem</i> <i>Should indicate the novel feature and original contribution</i> <i>A title should contain keywords</i> <p><i>It should be short, limited to 10–15 words</i></p>	CO5	1
i		<p>Write the various sources of data collection for literature review.</p> <p><i>Ans:</i></p> <ul style="list-style-type: none"> <i>Books, journals, conference proceedings, theses, handbooks, encyclopedias, bibliographies,</i> <i>government publications, publications by industrial organizations,</i> <i>e-databases, world wide web,</i> <i>Personal communications and unpublished documents,</i> <i>References given in these sources,</i> <i>Audience during seminar presentations, friends, and critics, and</i> <i>Library and document-delivery system in the libraries.</i> 	CO6	1
j		<p>What is your understanding about plagiarism?</p> <p><i>Ans: Wrongful appropriation” and “stealing and publishing” another author’s language, thoughts, ideas, concepts, results, conclusions, or expressions and their representations as one’s original work. It applies to texts, figures, and tables.</i></p>	CO6	1
Section-B				
Q2.		<p>You are buying a pair of shoes from an e-commerce website. Mention two components from the possible product description, and two of the most important FAQs that you should be looking for. Write these in the form of a labelled list.</p>	CO2	2+2+1=5

		<p>Ans: Product description – material, quality, durability, style, colour, size, fit, details (stitching, layers etc.) (2 marks)</p> <p>FAQ – return policy, possible discount, shipping cost, shipping to which countries, source of material, country of origin etc. (2 marks)</p> <p>Labelled list – 1 mark</p>		
Section-C				
Q3.		<p>Satish Yadav has prepared a paper out of his research work. He conducted laboratory experiments and investigated the effect of blending various supplementary cementitious materials and their dosages on the mechanical properties and durability of concrete. He used the design of experiments methodology to find the optimal dosage of supplementary cementitious materials concerning strength development. He compared the results of blended concrete with that of normal concrete concerning strength and durability. He concluded that when supplementary cementitious materials are blended up to 30% replacing an equal amount of cement, yields better results than normal concrete.</p> <p>(a) Write an abstract for the passage given above <i>Ans: Students can write the abstract in their own ways containing the following points:</i></p> <ul style="list-style-type: none"> • <i>Research problem</i> • <i>Solution suggested</i> • <i>Methodology followed</i> • <i>Broad results of the study</i> • <i>Contribution of the study</i> <p>(b) Suggest five keywords <i>Ans: Students can write keywords of their own related to the abstract.</i></p>	CO5	2.5+2.5 =5