

**Calicut University Institute of Engineering and Technology**  
**Combined First and Second Semester B.Tech Engineering**  
**Model Question Paper Set-1**  
**EN14 109: Humanities and Communication Skills**

Duration: 3 hours

maximum: 100 marks

**Part A**

Answer any eight questions

1. Discuss the development of science in Egypt
2. What is communication? describe the various tips for an effective communication
3. List down at least four types of reports
4. Discuss the how to use an appropriate body language and non-verbal signals during oral interaction.
5. What is a resume and explain comparison between a C.V and resume
6. What are the differences between personal ethics and professional ethics
7. Write a paragraph on "Terror attacks on Indian cities"
8. What is a paragraph? Analyses the method of writing a paragraph.
9. Note Making and Note Taking
10. Differences between moral autonomy and moral dilemma (8x5=40)

**Part B**

1. Describe the contributions of Arabs and Greeks to science.  
Or
2. Write a note on a description of the agriculture in India
3. What is communication? explain different types of communications  
Or
4. What is listening and its different barriers
5. Describe a place you will never forget  
Or
6. Discuss the rights and responsibilities of engineers to society
7. Write a note on a description of the agriculture in India  
Or
8. Write an essay on " Importance of social networks in students' life" (4x15=60)

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**Model Question Paper Set-1 Answer Key**  
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Time: Three Hours

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1. Discuss the development of science in Egypt  
One of the ancient civilizations- large construction projects: pyramids& palaces-government-religion-writing: hieroglyphics -paper: Papyrus plant-medicines: honey-building ships: boats=cedar wood-good in Mathematics-geometry-numbers: decimal system-use factors of 10-makeup-large door locks-civil year calendar: heavenly days.
2. What is communication? describe the various tips for an effective communication  
Exchanging of ideas-tips: ABC-Accuracy/Appropriateness, Brevity, Clarity-Accuracy=communication process should be accurate: inaccuracy due to lack of information on the part of the sender/deliberate misinformation-Brevity; key to effective communication; use fewer words; remove unnecessary words=at the present time;- now-clarity=grabs attention=use jargon=understand audience well; think; clear and conversational language--appropriateness; channels, media, cultural.
3. List down at least four types of reports  
Oral reports=face to face communication; simple, quick, first hand information--written; permanent, accurate, precise, formal, visual aid, complex facts--short=form of letter or memo=day-to-day matters=3 parts; opening, body, ending--long=describe problem in detail, preparing. deep study=parts;preface,introduction,summary,abstract,description,conclusion,appendices,glossary,index)
4. Discuss the how to use an appropriate body language and non-verbal signals during oral interaction.  
Dress and appearance-eye contact--facial expressions-hand movements-posture--distance and angles--voice modulation=pace, pitch, - tone, pronunciation, enunciation
5. What is a resume and explain comparison between a C.V and resume  
Resume- applicant's details to secure a job-C.V-Curriculum Vitae-resume brief—C.V= long-A resume begins with headline, desired position, career objective, personal details-but a C.V begins with personal details--in both, middle part =work experience--closing almost same =activities, references but in resume personal details add before reference. -
6. What are the differences between personal ethics and professional ethics  
Customs and usages-one's ethical standards -personal ethics=morality, concern and respect for others' autonomy, honesty& willingness with law, benevolence -professional ethics=impartiality, openness, confidentiality, duty of care....
7. Write a paragraph on "Terror attacks on Indian cities"  
Introduction - content - conclusion.
8. What is a paragraph? Analyses the method of writing a paragraph.  
A group of sentences form a unit-intent 1 line-parts=3 basic parts; topic sentence, sub points, concluding - TOWER-prewriting-use appropriate language-ensure coherence-reasonable sentence length.
9. Note Making and Note Taking  
Note taking=crucial points of a lecture=has excellent memory=good notes save study time=help us concentrate in class=two major questions; what to write and how to write-what to write = new, relevant-note taking methods are outlining, mind mapping, the Cornell system-making notes from text- skim, rereading, write down main points, rephrase, schematizing, use of abbreviations, use of signs & symbols, title, hierarchical order, points=supporting, decimal system, comments next to your main points.
10. Differences between moral autonomy and moral dilemma  
Moral autonomy=to be autonomous=capacity to impose the moral law on oneself=differ from one to other=the ability to identify the moral issues-an engineer should be able to ;recognize a moral problem; understand involved parties; conclude from the available parties, predict possible solutions, provide best solution, consider all parties, understand own outlook(professional/personal)-  
Moral Dilemma=more principles come into conflict ,often not easily addressed=steps must be followed :identifying the moral factors and reasons behind the dilemma, assessing the significance of the situation, determining the conflicting responsibilities... ,initiating a factual inquiry into the

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reasons for the conflicts, short listing action, discuss information with parties ,implications, consider all the possible moral factors.

(8x5=40)

**Part B**

11. Describe the contributions of Arabs and China to science.

Arabs=potassium nitrate, idea of garden-first =carnation & Tulips-modern cheque =carpets=algorithms=trigonometry=vaccination=windmill=surgical instruments= forceps, scissors=Ibn Nafis described the circulation of blood= invented anesthetics of opium=hollow needles=pointed arch, vaulting windows & dome-building techniques-some of the mechanical clocks driven by water=a game form like chess= shampoo & soaps= perfumes & alcoholic spirits-China=Dynasties= Shang to Qing= grand canal=the Great Wall of China=silk(silk road) = paper; paper money & playing cards= printing= the Compass= gunpowder= boat rudder=umbrella=porcelain= wheel barrow=iron casting= seismographs=kites=matches=acupuncture=kite.

Or

12. Write a note on a description of the agriculture in India (general question)

Introduction - content paragraphs -conclusion

13. Define a group discussion? Explain tips for successful group discussion?

A group of people sitting around table to discuss an issue-understand ability of a candidate's ability to find multiple in a problem oriented one

C3=

- i. Content
- ii. Communication
- iii. Critical Thinking

Or

14. What is communication? explain different types of communications

Exchanging of ideas-

- a) Oral communication (speech)-
- b) Written communication (written records),
- c) Interpersonal communication (two or more people),
- d) Intrapersonal communication (within oneself),
- e) Extrapersonal communication (with animals),
- f) Mass communication (news paper, radio, T.V)
- g) Media communication (electronic tools T.V, radio)
- h) Formal communication (official),
- i) Informal communication (among friends & family) .

15. Discuss the rights and responsibilities of engineers to society

- a) Collegiality and Loyalty
- b) Respect for Authority
- c) Confidentiality
- d) Conflict of interest
- e) Professional rights
- f) Social responsibility

Or

16. What is listening and its different barriers

Voluntary, active participation, a conscious effort to focus on sound and matter, judge-

Barriers= physical=talking in a moving train

- i. Prejudging=shut out information
- ii. Careless listening
- iii. Talking

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17. Describe a place you will never forget(general question)  
First event--Second event--Third event

**Or**

18. Write an essay on “ Importance of social networks in students’ life”(general question)  
Definition of social networks (introduction)  
Influence of social networks in students’ life  
Merits and demerits  
Conclusion

(15x4=60)