

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination (Regular/ Backlog), November 2017

B. Tech (All Branches), Semester I

Roll No.....

LA101: English Communication Skills

Time: 3 hours

Max. Marks: 100

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.

Q.1A	Study the following statements and tick true or false against each of them. (10 questions @ 1 mark)	10
i.	Effectiveness in written communication can be used merely by following rules of grammar and using rich vocabulary. (a) True (b) False	
ii.	The message fails to produce the desired response because there always exists a semantic gap between the sender and receiver. (a) True (b) False	
iii.	Technical communication is highly formal and unstructured. (a) True (b) False	
iv.	Listening is a two way interactive process engaging the speaker and the listener. (a) True (b) False	
v.	Philosophical essays meant to discuss a profound and deep issue. (a) True (b) False	
vi	Spatial pattern organizes the ideas in a paragraph in their order of appearance in time. (a) True (b) False	
vii	Effective listening involves only recognizing unit boundaries phonologically. (a) True (b) False	
viii	A paragraph is adequately developed when it describes, explains, and supports the topic sentence. (a) True (b) False	
ix	Coherence refers to the clear and logical linking of ideas in a paragraph. (a) True (b) False	
x	Intrapersonal Communication implies individual reflection, contemplation, and mediation. (a) True (b) False	
Q.2	Short answer type questions (4 questions @ 2.5 marks)	10
i	What is the role of the topic sentence in a paragraph?	
ii	What is an inductive pattern of paragraph development?	
iii	What are the characteristics of an effective essay?	
iv	What factors would help you decide whether a communication has succeeded or failed?	

Q.3A	Transcribe the following words into IPA. (a) / 'su:təb(ə)l/ (b) / 'hju:mən/ (c) / meɪk/ (d) / kɔ:z/ (e) / kən'dɪʃ(ə)n/	05
Q.3B	Correct the following sentences and rewrite them: (a) The students packed their luggages. (b) Surendra missed a most golden opportunity. (c) Bread and butter are the staple food of many families. (d) Ten miles are a long distance for me. (e) Every man and woman were killed in the war.	05
Q.4A	Fill in the blanks with appropriate forms of the verbs given in the brackets: (a) It(rain) for two hours. (b) The town is very different now. It(change) a lot. (c) We were good friends. We(know) each other for years. (d) It often.....(rain) on Sundays. (e) It was very noisy next door. Our neighbors(have) a party.	05
Q.4B	Complete the following conditional sentences and rewrite them: (a) What would John do if he(fail) his exam? (b) My French(improve) if I lived in France for six months. (c) If we leave now, we (arrive) on time. (d) She would walk to school if she(live) closer. (e) If you(take) an umbrella, you would not have got so wet.	05
Q.5A	If the speaker's verbal and non-verbal cues do not match, how it will affect your listening? Which one will you believe then? Why?	05
Q.5B	Use appropriately the following words in your own sentences (1x5): (a) Stub (b) Theist (c) Glutton (d) Biography (e) Teetotaler	05
Q.6A	Highlight all the strategies of effective listening with the help of suitable examples.	05
Q.6B	To sustain a good relationship one needs to have emotional maturity and balance. Justify	05
OR		
Q.6B	Personality of a candidate is quite often and rightly judged by his/her appearance. Justify	05
Q.7A	Write a persuasive essay of about 200 words on the following topic:- 'Technology creates more problems than it solves'.	05
Q.7B	Distinguish between a descriptive and an analytical essay.	05
OR		
Q.7B	"When we communicate with others, we express our thoughts and feelings not only through the words we choose, but also through our tone of voice, facial expression and body language". Explain with illustrations why you agree or disagree with the statement.	05
Q.8A	Write a paragraph on the topic "Opportunity knocks once for all " in about 300 words.	10
Q.9A	Make a précis of the following text and also give a suitable title to your précis.	10

Injecting adult stem cells into a heart following a heart attack (infarction) improves the heart function and strengthens the heart wall. The use of such cells may eventually reduce the chance of heart failure following a heart attack; part of the heart tissue dies. It is still not possible to restore the scar tissue arising as a result of this. The majority of stem cell researchers attempt to make new heart muscle cells from stem cells. Liesbeth Winter of the Leiden University Medical Center, however, was able to prove the concept of using the embryonic potential of adult human cells to train the heart: this cell therapy ensured that less tissue died and that the remaining heart cells functioned better. The PhD student used the 'Epicardium Derived Cell' or EPDC. This cell plays a crucial role during embryonic heart development: the embryonic EPDCs provide cells for the connective tissue skeleton of the heart and for the 'walls of the coronary arteries. EPDCs also play an important role in the formation of a thick, compact heart muscle wall. Without EPDCs, the heart muscle would remain very thin and the embryo would die. Winter used adult human EPDCs that she extracted from the atrium of the heart. She transplanted these cells to a mouse heart that had suffered an infarction. The mice receiving these cells retained a better heart function than mice without these cells, both in the short term and in the longer term of several weeks. The human cells also ensured that less mouse cells died off. Two weeks following cell transplantation, the treated hearts contained more blood vessels, the heart muscle cells exhibited an increased activity of DNA damage repair, and the wall was thicker where the infarct had occurred. These results suggest that EPDCs have an almost instant stimulating effect on the surrounding heart tissue following transplantation. Researchers from Leiden University discovered this in a project forming part of the Dutch Programme for Tissue Engineering, funded by Technology Foundation STW and the Netherlands Organisation for Health Research and Development (ZonMW). The Dutch Programme on Tissue Engineering has been running since 2004. Prior to this, NWO, Technology Foundation STW, and ZonMw had made 3 million euros available for a pilot programme in this area.

Q.9B Read the passage given below and answer the questions that follow by choosing the answers from given options.

10

The death of Dr Christiaan Barnard, the famous transplant surgeon, has occurred at a time when many of his modern counterparts are facing difficulties. Many of the early problems, such as tissue rejection, have, to a great extent, now been solved, thanks to the introduction of new drugs. However, there remains a major problem. The people in need of transplant surgery far outnumber the available organs. The shortage of organ donors has caused several doctors to call for urgent improvements to be made to the system by which organs are donated. Many countries, such as Britain, have huge waiting lists of people whose lives could be saved by being given a kidney, lung, heart, or liver transplant. Sadly, many of them die before they reach the top of those lists. Under the present British scheme, people are asked to carry donor cards, and/or put their names on the national donor register. Thus, if they lose their lives suddenly, for example, in a traffic accident, they have given permission in advance of their deaths for their organs to be used. If they have not done so, surgeons are faced with the task of asking the distraught next-of-kin for

permission to use the organs of the deceased. Of course, often the relatives are too upset even to think of such a thing until it is too late. Organ transplants have to take place quite soon after the death of the donor. Dying and donating organs is not something most of us like to think about, and only about 14% of people have registered. Now, it has been suggested that, instead of the present register, there should be a register of people who wish to opt out of having their organs removed for transplant surgery. Increasing the number of donors is made more difficult because it is such an emotive issue. Just 11 recently, an article in the Journal of the American Medical Association showed that half of the families in the United States refused, when asked for permission to use the organs of their loved ones.

I. Contemporary doctors face difficulties in transplant surgery because

- a) tissue rejection has not been solved
- b) expert doctors like Christian Barnard are not at hand to give advice
- c) people needing transplant outnumber donors
- d) introduction of new drugs has led to harmful side effects.

II. Patients often meet an unfortunate end because of.....

- a) shortage of donors
- b) tissue mis-match
- c) lack of good doctors
- d) lack of funds

III. Carrying donor cards is helpful in.....

- a) asking people to donate organs
- b) preventing accidental deaths
- c) locating relatives of donors
- d) locating donors quickly after death

IV. Many do not want to donate organs because

- a) they are selfish
- b) they cannot reach the hospital in time
- c) they are ignorant
- d) of emotional reasons

V. The word 'distracted' in the third paragraph means.....

- a) upset
- b) angry
- c) selfish
- d) happy

OR

- | | | |
|------|---|----|
| Q.9B | Imagine that you are the boss in an organization where you've worked and you wish to announce a new policy aimed at improving customer service. Examine the entire communication process from sender to feedback and explain it with the help of schematic representation. Briefly describe the various elements involved in the communication process. | 10 |
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