



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
 [AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
 Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.

Question Paper Code: 100001

B.E. / B.Tech. DEGREE END-SEMESTER EXAMINATIONS – JAN. / FEB. 2025
 First Semester
 Electrical and Electronics Engineering
 U19EN101 – ENGLISH FOR COMMUNICATION – I
 (Regulation 2019)

Time : Three Hours

Maximum : 100 Marks

Answer ALL the questions

Knowledge Levels (KL)	K1 – Remembering	K3 – Applying	K5 - Evaluating
	K2 – Understanding	K4 – Analyzing	K6 - Creating

PART – A

(10 x 2 = 20 Marks)

Q.No.	Questions	Marks	KL	CO
1.	Change the following sentences into passive: a. The burglar breaks the window b. Please call the doctor.	2	K1	CO1
2.	Write any two English phrases that can be used while giving self-introduction?	2	K2	CO1
3.	Choose the best option from the following to collocate: a. I don't _____ much sympathy with students who fail because they did not study. 1. do 2. have 3. make b. I _____ a mistake in my IELTS reading last time when I took the test. 1. did 2. had 3. made	2	K1	CO2
4.	Fill in the blanks: a. Annie and her brothers _____ (is, are) at school. b. Either my shoes or your coat _____ (is, are) always on the floor.	2	K1	CO2
5.	Identify the structure of Impersonal passive voice: a. It is believed that the walls date from the third century BCE. b. It is reported that mosquitoes transmit the disease.	2	K2	CO3

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| 6. | Write sentences by using these 'cause and effect' connectives:
a. As a result
b. Therefore | 2 | K3 | CO3 |
| 7. | Complete the sentences using 'Modal verbs':
a. You ___ finish your homework before you go out.
b. She ___ play the guitar very well. | 2 | K1 | CO4 |
| 8. | Complete the sentences by using 'If conditionals':
a. If I had magical powers, _____
b. If you eat fast food every day, _____ | 2 | K3 | CO4 |
| 9. | Write the synonyms for the following words:
a. BRIEF
1. Limited 2. Small 3. Little 4. Short
b. AUGUST
1. Common 2. Ridiculous 3. Dignified 4. Petty | 2 | K2 | CO5 |
| 10. | Correct the mistakes in the following sentences:
a. Can you tell me the story in details?
b. Airplanes reach America soon. | 2 | K2 | CO5 |

PART – B

(5 x 16 = 80 Marks)

Q.No.	Questions	Marks	KL	CO
11.	Read the passage and answer the questions that follow it:	16	K2	CO1

Considering the enormous number of things which could turn a space mission into a fatal disaster, it is remarkable that there have been so few accidents. 1967 was a bad year; in January, the Americans lost three astronauts in a fire which occurred during tests on the ground and, in April, the Russians lost astronaut komarov landing after sixteen successful Earth orbits. The accident was due to a parachute failure. Neither of these tragedies was quite what the world had expected. It was feared that one day astronauts would be stranded in space, alive but with no possibility of returning to Earth. This very nearly happened in 1970 during the flight of Apollo 13.

The life-support and other systems of spacecraft are interlinked. This means that if one system fails, it is likely to cause other systems to fail too. Designers have tried to avoid disasters by duplicating, and in some cases triplicating, important pieces of equipment; for example , Apollo has no less than three fuel cells. Even so, a breakdown in the service module of Apollo 13 was nearly fatal. On 13 April one of the low temperature oxygen tanks in the service module suddenly broke open; the explosion

probably damaged the other oxygen tank close beside it. The exact reason for the explosion may never be known. The important point to note is that the oxygen from these tanks is not only used by the crew but also feeds the fuel cells and fuel cells produce electrical power and water. So, one failure immediately caused a major power failure affecting nearly every system in the command module and produced a shortage of oxygen and water for life-support.

The safe return of the astronauts was due to their ingenuity and powers of improvisation. They managed to adapt their equipment. They were able to use it for different purposes from those for which it had been originally intended.

Intelligence and the ability to use limited resources for self-preservation have always been admired by writers of adventure book. The shipwrecked sailor who converts bits of wreckage into a raft and an explorer who makes a bow and arrow from branches and bootlaces are considered heroes because they survive by their own wits. Many people thought that the advanced technology of space flight ruled out all opportunities for makeshift repairs, but Apollo 13 proved them wrong. Luckily, at the time of the accident the lunar module was still joined to the command and service modules and the lunar module had most of the things urgently needed by the disabled modules.

The spacecraft was not on a free return trajectory, one which would bring it round the moon back to Earth, and rocket power was needed to bring it into such a trajectory. Without a proper power supply, the rocket of the services module could not be fired; the rocket of the lunar module had to be used instead. Inside this module there was a supply of oxygen, water and power, and a guidance System. Though it was designed for a crew of two for only about thirty hours, and intended for landing on the moon, this vehicle became the lifeboat of Apollo 13.

Life for the three crew members was difficult but bearable. A lunar module cannot reenter the Earth's atmosphere without burning up, so the crew had to return to the command module, jettison their lifeboat and the service module, and turn themselves into the right position for re-entry, hoping that their heat-shield had not been damaged by the explosion of the oxygen tank. Re-entry and recovery were totally successful.

(a) Write a response which best reflects the meaning of the text:

i. 1967 was

1. A good year for the Russians and Americans.
2. A good year for the Americans but not for the Russians.
3. A bad year for the Americans and the Russians.
4. A bad year for the Americans but not for the Russians.

ii. Why was the breakdown of the oxygen supply so important?

1. Because it could cause an explosion.
2. Because they could not fire their rocket without it.
3. Because they never found out the reason for it.
4. Because it affected all the systems in the module.

iii. The astronauts survived because

1. The command module was not very badly damaged.
2. The lunar module was intended as a lifeboat.
3. They managed to improvise.
4. They had read a lot of adventure stories

iv. How did the astronauts get back into the atmosphere from space?

1. By using a parachute.
2. By going back into the command module.
3. By staying in the service module
4. By burning the lunar module

(b) State whether the following statements are true or false:

- i. The Americans lost an astronaut when his parachute did not open.
- ii. People expected that someday astronauts would be left in space.
- iii. Makeshift repairs are impossible in space.
- iv. The spacecraft was on a trajectory which would have brought in back to earth.
- v. Life for the astronauts in Apollo 13 was unbearable.
- vi. The heat-shield of the command module had been damaged by the explosion.

(c) Choose the definition which best reflects the meaning of the word as it is used in the text:

i. Fatal

1. Causing injury
2. Causing death
3. Causing illness
4. Causing failure

ii. Stranded

1. Delayed
2. Isolated
3. Injured
4. Killed

iii. Jettison

1. Get off
2. Turn over
3. Throw away
4. Break down

iv. Makeshift

1. Expensive
2. Elaborate
3. Technical
4. Improvised

v. Wits

1. Endurance
2. Experience
3. Intelligence
4. Connections

vi. Ruled out

1. Ruined
2. Excluded
3. Improved
4. Justified

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| 12. a) | Write a set of eight instructions to save water. | 16 | K1 | CO2 |
| | (OR) | | | |
| b) | Write a dialogue between Amina and her brother, talking about the merits and demerits of online exams. | 16 | K3 | CO2 |
| 13. a) | Write an email to the Admission Officer of Ayra International College for Women, asking him/her about the information on the admission process, fees, hostel facility, and eligibility criteria for your course. | 16 | K3 | CO3 |
| | (OR) | | | |
| b) | Your English-speaking friend who lives in your town has asked for your advice about learning a new sport. Write an email to your friend. | 16 | K3 | CO3 |

14. a) Write two paragraphs about what were the effects of COVID 19 lockdown on your social life and how did you feel socially isolated with this lockdown? 16 K1 CO4
(OR)
- b) Your faculty member has asked you to write a review for a book you have read recently. The best reviews will be published in the college magazine. Review the book giving your opinion and saying whether you would recommend it or not. 16 K1 CO4
15. a) Your English Professor, Ms. Geetha is a short story writer also. 'Sky is not Far' is a collection of her latest short stories. This book has won a national award. Write a speech in 150 – 200 words that you will deliver to honour her in the English Literary Association (ELA) function. 16 K2 CO5
(OR)
- b) **The below pie chart shows the sales of different fruits in a day for a shop. Read the chart and interpret the data in 150 words.** 16 K3 CO5

