

Reg. No.

B.Tech./ M.Tech. (Integrated) DEGREE EXAMINATION, DECEMBER 2023

First Semester

21LEH101T –COMMUNICATIVE ENGLISH

(For the candidates admitted from the academic year 2022-2023)

Note:

- (i) **Part - A** should be answered in OMR sheet within first 40 minutes and OMR sheet should be handed over to hall invigilator at the end of 40th minute.
- (ii) **Part - B & Part - C** should be answered in answer booklet.

Time: 3 Hours

Max. Marks: 75

PART - A (20 × 1 = 20Marks)Answer **ALL** Questions

Marks BL CO


- | | | | |
|--|---|---|---|
| 1. Haptics in nonverbal communication refers to _____. | 1 | 1 | 1 |
| (A) physical distance (B) touch | | | |
| (C) colour (D) Signs | | | |
| 2. The process of communication involves _____, encoding, channelizing, decoding and feedback | 1 | 1 | 1 |
| (A) ideation (B) reading | | | |
| (C) skimming (D) writing | | | |
| 3. Horizontal communication takes place among personnel of _____ in the organization | 1 | 1 | 1 |
| (A) only Human resource management (B) unequal ranks | | | |
| (C) only Medical Profession (D) equal ranks | | | |
| 4. Usage of jargon in an unwanted scenario and creating room for diversified interpretations is an example for | 1 | 1 | 1 |
| (A) organisational barrier (B) personal barrier | | | |
| (C) psychological barrier (D) cultural barrier | | | |
| 5. Choose the best single sentence definition for 'telescope' from the following | 1 | 3 | 2 |
| (A) It is an optical instrument used to make distant objects appear nearer (B) It is a device which has been quite useful for scientists | | | |
| (C) It is a device used for seeing planets (D) It helps in getting a closer look | | | |
| 6. Which of the following is true? | 1 | 4 | 2 |
| (A) Pictures can be included inside the flowchart boxes (B) Flow chart can also be used for finding the comparison and contrast between one or more things | | | |
| (C) Only short phrases should be used inside the flowchart boxes (D) Future perfect continuous tense should be used while explaining a flow chart | | | |
| 7. What can be used to analyse and compare the data of different periods? | 1 | 1 | 2 |
| (A) Flow chart (B) Pie chart | | | |
| (C) Horizontal chart (D) Bar chart | | | |
| 8. A Checklist | 1 | 1 | 2 |
| (A) ensures a list of things to be remembered (B) is a grocery list | | | |
| (C) is a list prepared by the shopkeeper for the customers (D) is a video game | | | |
| 9. "Use the freedom judiciously". This is a | 1 | 2 | 2 |
| (A) rule (B) recommendation | | | |
| (C) instruction (D) Right | | | |
| 10. You are guilty of plagiarism if you | 1 | 4 | 3 |
| (A) Make use of the words of others to gather information (B) Use the work of another and misrepresent it as your own | | | |
| (C) Make use of the work of others to support your own arguments (D) Examine the ideas and arguments to support your own thoughts | | | |

- | | | | |
|--|---|---|---|
| 11. Identify the correct question tag for the following statement. You drive to office, | 1 | 4 | 3 |
| (A) do you? | | | |
| (B) aren't you? | | | |
| (C) don't you? | | | |
| (D) did you? | | | |
| 12. Instructions which encourage live participation and interaction through online are called | 1 | 4 | 3 |
| (A) Asynchronous communication | | | |
| (B) Synchronous communication | | | |
| (C) Traditional communication | | | |
| (D) Theoretical communication | | | |
| 13. Choose the perfect synonym: PALTRY | 1 | 3 | 4 |
| (A) Insignificant | | | |
| (B) Average | | | |
| (C) Unfair | | | |
| (D) Slovenly | | | |
| 14. _____ adds symmetry, effectiveness and balance to the writing | 1 | 3 | 4 |
| (A) Skimming | | | |
| (B) Homophones | | | |
| (C) Idioms | | | |
| (D) Parallelism | | | |
| 15. The attributes which highlight the leadership quality in a person during a group discussion is _____ | 1 | 3 | 4 |
| (A) Knowledge | | | |
| (B) Listening skills | | | |
| (C) Initiatives | | | |
| (D) Fluency | | | |
| 16. Rowan likes _____ | 1 | 3 | 4 |
| (A) running, walking, and being active | | | |
| (B) running, walking, and outdoor activities | | | |
| (C) running, walking, and be active | | | |
| (D) runs, walking and be active | | | |
| 17. Meena Kandasamy is an author who _____ since she was a child | 1 | 4 | 5 |
| (A) has writing | | | |
| (B) had been writing | | | |
| (C) have been writing | | | |
| (D) has been writing | | | |
| 18. Neither the students nor the teacher _____ understood the purpose of the new rule | 1 | 2 | 5 |
| (A) have | | | |
| (B) has | | | |
| (C) are | | | |
| (D) do | | | |
| 19. _____ is an official document written after thorough study and with firm evidences for a specific audience | 1 | 4 | 5 |
| (A) Pamphlet | | | |
| (B) Essay | | | |
| (C) Report | | | |
| (D) Proposal | | | |
| 20. Investigative report deals with _____ | 1 | 4 | 5 |
| (A) finding the practicality of starting something | | | |
| (B) standard reporting | | | |
| (C) stating the progress | | | |
| (D) in-depth exploration of an incident | | | |

PART - B (5 × 8 = 40 Marks)

Answer **ALL** Questions

Marks BL CO

21.  **Read the following passage carefully and answer the questions that follow it.**

8 4 1

[1] Rare flashes of light that are sometimes seen around earthquakes are not caused by birds, or planes, or UFOs- all of which had been previously used to explain the phenomena known as earthquake lights. Instead, the lights are caused by electrical properties of certain rocks in specific settings, report scientists in a study published by the Seismological Society of America in January 2014.

[2] Over the centuries, there have been many reports of 'earthquakes lightning', both before and while the ground is shaking. Just seconds before the 2009 L'Aquila, Italy, earthquake, people saw four-rich (ten-centimeter) flames of light coming out of a stone street. On November 12, 1988, people reported a bright purple-pink orb of light along the St. Lawrence River in Quebec, 11 days before a powerful quake. People also reported seeing a faint rainbow of light before the great 1906 quake in San Francisco and lights before the devastating 1811-12 New Madrid earthquakes in Missouri. The researchers studied such historic accounts going all the way back to the year 1600 and published their findings in Seismological Research Letters.

[3] "In the past, people often interpreted earthquake lights in religious terms, and in modern times they thought of them as UFOs, although there is a completely rational physical explanation," according to Freund, one of the

researchers working on this phenomena. For many years, sightings of earthquake lights were dismissed by the serious geology community. But in the mid-1960s, during a series of earthquakes in Nagano, Japan, scientists took photographs of earthquake lights that were clearly tied to the geologic activity. Since then, an increasing number of the phenomena have been captured on film and video in part because of the rise of surveillance cameras.

[4] Over the past few years, various theories have been proposed for how earthquake lights form, including the disruption of the Earth's magnetic field by tectonic stress and the so-called piezoelectric effect, in which quartz-bearing rocks produce voltages when compressed in a certain way. But Freund and colleagues now report that what causes earthquake lights appears to be an entirely different electrical process. "When nature stresses certain rocks, electric changes are activated, as if you switched on a battery in the Earth's crust," said Freund. "The charges can combine and form a kind of plasma-like state, which can travel at very high velocities and burst out at the surface to make electric discharges in the air," Freund added. Those discharges are what make the colourful light shows.

1. According to paragraph 1, what effects do the electrical properties of certain rocks create?
 - (a) Earthquakes
 - (b) UFOs
 - (c) Lights
 - (d) Planes
2. In the paragraph 2, how many examples are given to support the idea that earthquake lightning occurs both before and during certain Earthquakes?
 - (a) Two
 - (b) Three
 - (c) Four
 - (d) Five
3. The signal word 'but' in paragraph 3 indicates a contrast between all of the following except:
 - (a) Modern Proof and Popular Belief
 - (b) Religious Terms and Physical Explanations
 - (c) Before the 1960's and After the 1960's
 - (d) UFOs and Surveillance Cameras
4. According to paragraph 3, which of the following statements is true?
 - (a) Geologists cannot explain earthquake lights in Japan
 - (b) Surveillance cameras in Japan caused earthquake lights.
 - (c) Photos showed that earthquake lights precede earthquakes.
 - (d) Fewer earthquake lights have been captured on film and video.
5. The main idea of paragraph 4 is
 - (a) Earthquake lights are not caused by electrical processes.
 - (b) The old theories about earthquakes lights are wrong
 - (c) Earthquake lights are colorful light shows.
 - (d) Battery charges can produce earthquake lights.
6. What is Freund's opinion on earthquake lightening?
 - (a) It is caused due to the magnetic pull
 - (b) It is because of the drift in the poles
 - (c) Electric charges are activated due to nature's stress on certain rocks
 - (d) Volcano causes light emission
7. Where did people see flames of light coming out of a stone street?
 - (a) Earthquake in Quebec
 - (b) Earthquake in L'Aquila, Italy
 - (c) Earthquake in San Francisco
 - (d) Earthquake in Missouri
8. What did the scientist of Nagano, Japan find?
 - (a) The lights indicated the possibilities of an earthquake
 - (b) The lights were emitted due to the pressure in the magnetic field
 - (c) The lights were like the norther lights and were not dangerous
 - (d) The lights were related to geological activity

22. a. Write an extended definition for the following terms

- (i) Cold Email (ii) Bio-war

(OR)

8 4 2

b. **Read the given passage and draw a flowchart**

8 4 2

All cell phone manufacturer's start the process in the conceptual phase. Several sketches and wire frames are created using different designs, features, and interface options, such as keypad and touchscreen. These sketches also determine the phone's weight, scale, size and portability. Because the goal of most phones is to be compact and portable, this phase is the most intensive. During this process, a team decides what designs will become prototypes. Once a list is determined, several prototypes are created. These models are usually non-functional and only for visual purposes. Prototypes are constructed from plastic, Styrofoam and other re-usable materials. Once a final design is created, the concept is pushed to engineers, who decide what electronics are necessary. The key part of every cell phone is its electronics. The electronics control everything from the way the phone displays information, places calls, sends location information and more. Depending on the features determined during the conceptual phase, different electronics can be used. For most cell phones, there are three key components: a printed circuit that controls the keypad and signal reception, a battery, and screen. In addition to the hardware, software is also required for the phone to operate. Almost all cell phone manufacturer's use proprietary software for their phones. The software is designed by a series of programmers that develop the design of the interface, the phone's basic and advanced operations, and other features. By default, most modern cell phones are programmed with basic features like text messaging, calendar and clock. After these components and software are determined, the phone moves on to final construction. Each piece of the cell phone is created separately. First, the casing for the phone is made. Most cell phones use a simple plastic that is created using a process known as injection molding. Once the casing is created, the printed circuit board is made and loaded with the necessary software and operating system. The circuit board is then placed in the casing, using a series of eyeglass screws. Next, the other components of the phone are added: screen, keypad, antenna, microphone and speaker. After the phone is constructed, it is moved on to testing. During the testing phase, the battery for the phone is added and a worker checks the phone for power, button functionality and reception. Finally, the necessary documentation for the phone is produced and sent to be packaging section. Once all of these components are verified, the phone is packaged and shipped to retail outlets

23. a. Do you agree or disagree with the statement 'Synchronous communication is better than other types of communication?'. Justify. 8 4 3

(OR)

- b. Write the do's and don'ts to be followed in social media for the optimum use. 8 4 3

24. a. Explain both 8 5 4
(i) Email etiquettes
(ii) Stress Management

(OR)

- b. Which is more important - thinking of new ideas or remembering points already being raised in the discussion? Justify with examples

25. a. Consider yourself as the secretary of ELCOT India Limited, 22 Nethaji Road, Chennai. Draft a notice, agenda and minutes of the meeting of the fourth board of directors meeting. 8 6 5

(OR)

- b. Create an advertisement for a newly launched product. 8 6 5

PART - C (1 × 15 = 15 Marks)

Answer **ANY ONE** Questions

Marks BL CO

26. Write a group discussion between five students on 'Phishing and its effects' with a minimum number of four exchanges by each person. 15 5 4
27. Daimler India Commercial Vehicles Pvt. Ltd requires fresh graduates from automobile engineering. Draft a resume with the cover letter. 15 6 4
