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

Question Paper Code: 10001

B.E. / B.Tech. DEGREE END-SEMESTER EXAMINATIONS – DEC.2022 / JAN.2023

Second Semester

U19EN202 – ENGLISH FOR COMMUNICATION – II

Common to All Branches

(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 words into adjectives i. beauty ii. danger iii. read iv. anger	2	K3	CO3
2.	Fill in the blanks with correct degree of comparison. i. This is _____ (late) edition of book. ii. Sabari is _____ (industrious) than any other boy in the class.	2	K3	CO3
3.	Change the following simple sentences into Complex Sentences. i. He Confessed his crime ii. On seeing the Lion, the hunter climbed up a tree.	2	K3	CO3
4.	Convert the following simple sentences into Compound Sentences. i. He must run fast to catch the train. ii. In spite of his illness, he attended the classes.	2	K3	CO3
5.	Fill in the blanks with a suitable pronoun: i. Uncle Sam wants _____ to join the army. ii. She asked _____ to tell a funny story.	2	K3	CO3

6. Give the meanings of the following phrasal verbs and use them in the sentences of your own. 2 K3 CO3
 i. Called off
 ii. Called on
7. Fill in the blanks using the right connectives 2 K3 CO3
 i. Living there has many advantages, _____ there are problems also.
 ii. _____ she saw it, she had assumed it was an explosion.
8. Write any two Imperative sentences of your own. 2 K3 CO3
9. Give the American equivalents for the following words. 2 K2 CO5
 i. Petrol
 ii. lift
10. Match the words in Column A with their meanings in Column B: 2 K2 CO5
 Column A Column B
 i. Memo an uncontrolled fire.
 ii. Biotic combination of atoms.
 iii. Conflagration of living beings.
 iv. Fusion brief written communication

PART – B

(5 x 16 = 80 Marks)

- | Q.No. | Questions | Marks | KL | CO |
|-------|--|-------|----|-----|
| 11. | You are the sports secretary of KLVN College, New Delhi. As the sports day of your College is to be conducted next month, you are required to place an order for various sports items. Address your letter to Sports Equipments Pvt Ltd, 15 Park Street, New Delhi. | 16 | K3 | CO2 |
| 12. | <p>a) Read the following passage carefully and answer the questions given at the end of it:</p> <p style="text-align: center;">Electron Microscope</p> <p>An electron microscope is a sophisticated microscope that can magnify objects up to one million times their original size. Unlike a traditional microscope, an electron microscope can reveal some details of molecular structure and can be effectively used for chemical analysis. It has become an invaluable analytical tool, widely used in medical and industrial research establishments.</p> <p>There are two types of electron microscopes: the Transmission Electron Microscope (TEM) and the Scanning Electron Microscope (SEM). Transmission electron microscopes have extremely high resolution and can provide detailed information about the structure of organisms most of which are far too small to be seen at all with a normal optical microscope. TEMs can also be used for studying the arrangement of atoms and molecules in metal and other materials.</p> | 16 | K2 | CO4 |

In fact, they are effectively used, both to give information about the microstructure of new materials as they are being designed and also to help in the analysis of failures of materials. Most TEMs operate at accelerating voltages in the range of 50-100,000V.

On the other hand, scanning electron microscopes (SEM) have very different uses as they are very useful for looking at the surfaces of objects and can provide a completely different range of information. They may produce an extremely fine beam of electron, which is swept to-and fro across the specimen. They are extremely useful in studying the details and contours of different surfaces. They provide many other striking views of plant and animal cells that cannot be obtained by other means. In the microelectronics industry, scanning electron microscopes have proved to be an equally great asset. It is possible to use them to look in detail at the microcircuits that are now constructed on tiny silicon chips, the microscope is also used as an instrument to fabricate circuits by using the electron beam as a 'writing' tool, controlling it by a computer so that the required circuit is produced on a special surface.

1. Read the following statements and mark True or False based on the text. Make appropriate inferences. [3x2 = 6]

- i. TEM has high resolving power.
- ii. SEM cannot be used in the microelectronics industry.
- iii. SEM can provide striking views of animal cells.

2. Answer the questions by choosing the best alternative option: [4x2 = 8]

(I) Some of the finest details of molecular structure can be revealed by

- i. Traditional microscopes
- ii. Optical microscopes
- iii. Electron microscopes

(II) In fact, they are effectively used both to give information about the microstructure of new materials as they are being designed. What are being designed?

- i. Electron microscopes
- ii. TEMs
- iii. New materials

(III) TEMs allow us to see very fine details of specimens because

- i. Electron pass right through the specimens
- ii. They have extremely high resolving power
- iii. The electron beam is scanned to-and fro the across the specimen

(IV) TEMs can be used to

- i. Study details and contours of different surfaces
- ii. Study the arrangement of atoms and molecules in metal
- iii. Look in detail at the microcircuits that are now constructed

3. Answer the following questions: [2x1 = 2]

- i. What are the two important uses of electron microscopes in materials science?
- ii. What is the most remarkable feature of transmission electron microscopes?

(OR)

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|-----|--|----|----|-----|
| | b) Assume that you are a third year student pursuing Computer Science Engineering. Write a letter to the General Manager of 'Sathyam Software Private Limited' requesting permission to undergo Practical Training in their Company. Address your letter to The General Manager, Sathyam Software, No.28, Greenways Road, Chennai 600 028 | 16 | K3 | CO2 |
| 13. | a) Draft a job application letter with a detailed resume in response to the following advertisement in 'The Hindu' 30 th September 2022. Alpha Software, a leading US based company requires B.E/B.Tech graduates in Computer Science and Information Technology for the position of Network Engineer. | 16 | K3 | CO2 |
| | (OR) | | | |
| | b) Write a set of Eight Instruction to keep the city clean. | 16 | K2 | CO4 |
| 14. | a) Draft an Advertisement for the newly launched car. Invent all necessary details. | 16 | K2 | CO4 |
| | (OR) | | | |
| | b) Write a set of Eight Recommendations to reduce Noise Pollution. | 16 | K2 | CO4 |
| 15. | a) The sixth meeting of the Managing Committee of Tata Commerce College, Ajmer, was held at 3 P.M. on 1 st October, 2022 in room No.312. The agenda is as follows:
i. Minutes of the previous meeting
ii. Appointment of auditors for the financial year 2019 - 2020.
iii. Construction of a recreation centre for faculty and students.
iv. Establishment of additional computer center.
v. Any other matter with permission of the chair.
As the secretary, write the minutes of the meeting. | 16 | K4 | CO5 |
| | (OR) | | | |
| | b) Prepare a Project Proposal for the construction of a Shopping Mall. | 16 | K3 | CO3 |