

Reg. No.

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B.E. / B. TECH. DEGREE EXAMINATIONS, MAY 2024

Fifth Semester

OH18007 – ENGLISH FOR TECHNOLOGISTS*(Artificial Intelligence and Data Science)***(Regulation 2018/2018A)****TIME:3 HOURS****MAX. MARKS:****100**

COURSE OUTCOMES	STATEMENT	RBT LEVEL
CO 1	Understand the nuances of technical communication and scientific writing	5
CO 2	present papers and give seminars	6
CO 3	discuss in groups and brainstorm	6
CO 4	draft business correspondences and write for documenting purposes	6
CO 5	face job interviews with confidence	6

PART- A(10x2=20Marks)

(Answer all Questions)

	CO	RBT LEVEL
1. Fill in the blanks with suitable articles only if necessary: (a) ----- Ms.Lekha is here to see you. (b) He is ----- Newton of this class.	1	3
2. Complete the conditional statements: (a) If you had informed me, I _____ (help) you in time. (b) If I had read well, I _____ (win) this contest.	1	3
3. Change into impersonal voice (if needed): (a) The astronauts made extensive research. (b) They are constructing a new bridge.	1	3
4. Fill in the blanks with suitable tense form (a) Rishab Pant _____ brilliantly when he got injured. (was batting/ has been batting/ is batting) (b) By next academic year I _____ my graduation.(will complete/ will have completed/would have completed)	1	3
5. Fill in the blanks with suitable modal verbs: (a) We _____ watch the lunar eclipse clearly yesterday. (can/could/should) (a) He _____ in the office (strong possibility) (must/ might/could)	1	3
6. Find out the errors if any and rewrite the correct sentences: (a) Tom and Jerry is a wonderful cartoon show (b) None of the counterfeit money have been recovered.	1	3
7. Fill in the blanks with appropriate question tags: (a) We didn't take the medicines, _____? (b) He is not physically fit, _____?	1	3

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|-----|---|---|---|
| 8. | Rewrite using suitable cause and effect expression:
(a) Heavy rains: crops damaged
(b) Hard work: cleared the exams | 1 | 3 |
| 9. | Fill in the blanks with suitable prepositions:
(a) The cat jumps _____ the wall
(b) He is _____ Oxford | 1 | 3 |
| 10. | Choose an appropriate word to fill in the blank:
(a) He suffered _____ injuries (multiple/many/huge)
(a) Eating _____ food is not good for health(fast/quick/ slow) | 1 | 3 |

PART- B (5x 14=70Marks)

11.(a) Read and Respond:

Marks	CO	RBT LEVEL
(14)	1	5

Danger in the Fields

Mines are perhaps the most terrible weapons of modern wars because they kill soldiers during wartime and because they can kill or injure innocent civilians in peacetime.

When the war in Bosnia ended in 1996, people were happy but they knew that they were still in danger since there were about six million mines hidden in ex-Yugoslavia. A lot of these mines have now been found and removed; but doing this is very dangerous. A person may be walking along a path through the fields, and suddenly, the ground explodes under his feet. Sometimes mines are found by chance by young children, who start playing with them as if they were toys. The consequences can be fatal.

Mine clearing is one of the jobs that the British soldiers of the U.N. are doing in Bosnia. The soldiers also visit schools to show mines to children and warn them about the dangers, which will continue for years. An international convention took place in autumn 1997, but some countries, like the U.S.A. and China refused to sign it... Every day, every minute, a person gets killed or injured by a mine in Europe, Africa or Asia.

1 What is the text about?

- a) Land mines, b) Cars, c) Computers

2. Why do children sometimes play with them?

- (a) Because it is beautiful, (b) Because they know that it is not dangerous.
(c) Because they think it is a toy.

3. What do the British soldiers of the U.N. do?

(a) They think that nothing can be done, (b) They remove some mines and try to warn about their dangers, (c) They put more mines in Bosnia

4. The USA and China...

(a) continue to use mines, (b) have banned mines, (c) have never used mines

5. How many mines were there in Yugoslavia in 1996?

(a) about 1,000,000 (b) about 6,000,000 (c) About 600,000

6. What is danger in the field?

7. Why are mines "the most terrible weapons"?

(a) Because they cost a lot of money (b) Because they are nuclear bombs, (c) Because they kill soldiers and civilians

Say True or False:

1. "U.N." stands for "Universal Nature". True/false

2 People were happy when the war ended True/False

3 Even after the war Bosnian people were still in danger True/False

4 Mine cleaning is filled with dangers True/False

5 USA and China signed the agreement True/False

6 In America every minute a person is killed because of mines True/False

7 Land mines can only kill people during wartime. True/ False

(OR)

(b) Read and Respond:

(14) 1 5

Pollution is the degradation of natural environment by external substances introduced directly or indirectly. Human health, ecosystem quality and aquatic and terrestrial biodiversity may be affected and altered permanently by pollution.

Pollution occurs when ecosystems cannot get rid of substances introduced into the environment. The critical threshold of its ability to naturally eliminate substances is compromised and the balance of the ecosystem is broken.

The sources of pollution are numerous. The identification of these different pollutants and their effects on ecosystems is complex. They can come from natural disasters or the result of human activity, such as oil spills, chemical

spills, nuclear accidents ... These can have terrible consequences on people and the planet where they live: destruction of the biodiversity, increased mortality of the human and animal species, destruction of natural habitat, damage caused to the quality of soil, water and air ...

Preventing pollution and protecting the environment necessitate the application of the principles of sustainable development. We need to make sure that the needs of today should be met, without compromising the ability of future generations to meet their needs. This means that we should remedy existing pollution, and also anticipate and prevent future pollution sources in order to protect the environment and public health. Any environmental damage must be punishable by law, and polluters should pay compensation for the damage caused to the environment.

i. The damage caused by pollution might be irreversible:

- a. True
- b. False

ii. The ecosystem

- a. can always cope with pollutants
- b. may not always be able to cope with pollution.

iii. Pollution

- a. is always caused by humans.
- b. may sometimes be caused by natural disasters.

iv. An ideal solution to prevent pollution would be to

- a. refrain the development of some countries.
- b. continue developmental projects.
- c. take into consideration the future generations need to live in a healthy environment.

v. The critical threshold of its ability to naturally eliminate substances.

Critical – here means a. significant, dangerous, c. decisive, d. crucial

vi. Principles related to sustainable development need not be considered for protecting the environment. True / False

vii. _____ should be anticipated.

viii. _____ should pay off for the (ix) _____.

x. Sustainable means: maintain, deteriorate, worse

xi. What according to the author is very complex? (2 marks)

xii. Mention any two activities done by you to reduce pollution? (2 marks)

12.(a) Write a set of seven recommendations to be followed to save electricity. (14) 4 6
(OR)

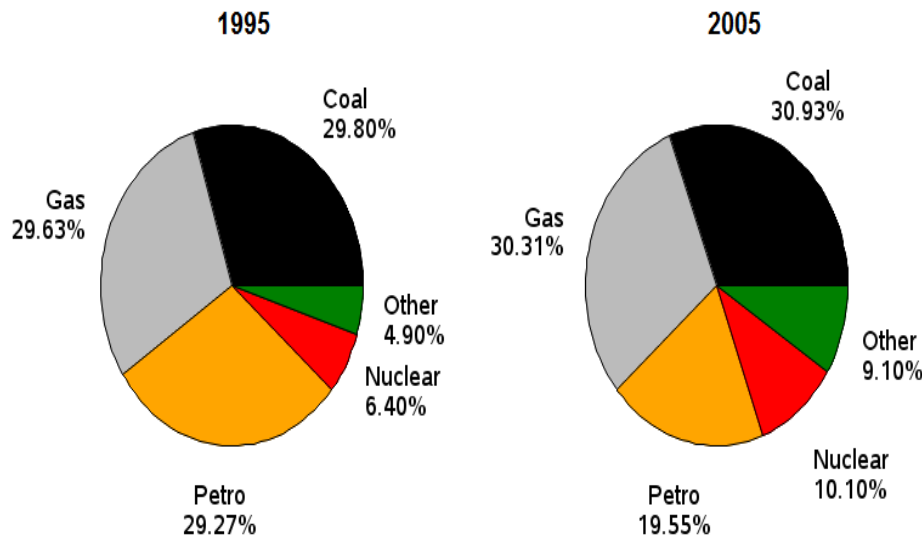
(b) Write a set of seven instructions to save water. (14) 4 6

13.(a) Write a checklist of seven items you would like to check before going for a trip by car to a hill station. (14) 4 6
(OR)

(b) You are the secretary of the organizing committee of the symposium. Write eight items that you would like to check on the previous day of the symposium. (14) 4 6

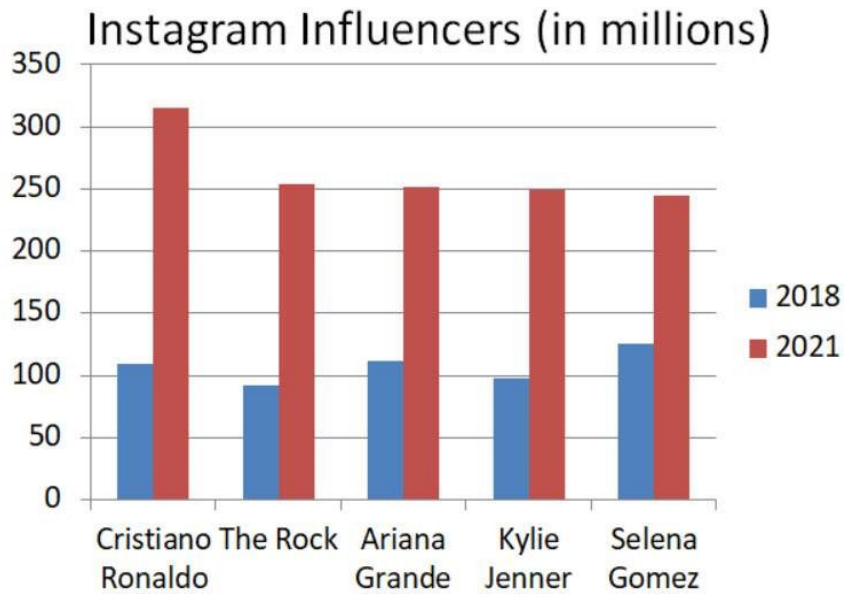
14.(a) Summarise the information by selecting and reporting the main features and make comparisons where relevant in not less than 150 words. (14) 4 5

Comparison of Energy Production



(OR)

(b) Write a paragraph of about 150 words interpreting the diagrammatic representation which talks about Instagram Influencers between 2018 and 2021. (14) 4 5



15.(a) Read the following advertisement published in a newspaper dt.01/04/24 and apply for the post of Design Engineer, with your cover letter and resume: ABC Motors, 500 crore plus company, the leader in the E- Vehicles industry requires the following personnel:
Assistant Engineer, Design and Development
Requirements: B.E/B.Tech, graduates with 10 to 12 yrs of experience in an industry
Apply to : Human Resources Department

(14) 4 6

(OR)

(b) Respond to the following advertisement:
ABC Systems & Solutions Limited
Position: Sofyware Developer
Qualification: Any Engineering Bachelor’s Degree +minimum 1-year job experience.
Should be knowledgeable in programming languges.
Apply to The Head, Department of Recruitments,Synergy Systems & Solutions Limited, P.Box #1, Chennai, Tamilnadu with a comprehensive resume and cover letter.

(14) 4 6

PART- C (1x 10=10Marks)

(Q.No.16 is compulsory)

16. Write an essay about the importance of winning and having a positive mindset among the youth of our country and suggest ways of developing it in about 200 words.

Marks	CO	RBT LEVEL
(10)	4	6
