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B.Tech. (Sem.-1,2)

COMMUNICATIVE ENGLISH

Subject Code : BTHU-101/BCOP-105

M.Code : 45086

Date of Examination : 14-01-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. All QUESTIONS are COMPULSORY.
2. All questions carries TWELVE marks.

1. Read the following passage and answer the questions given at the end :

Targets set by policymakers to slow global warming are too soft to prevent more heatwaves and extreme temperatures in the US within a few years, with grim consequences for human health and farming. A study warned this week.

Although the US and more than 100 other countries agreed in Copenhagen last year to take action to reduce greenhouse gas emissions ‘so as to hold the increase in global temperatures below two degrees Celsius’, a study conducted by Stanford University scientists showed that might not be enough.

Stanford earth sciences professor Noel Diffenbaugh and former post-doc fellow Moetasim Ashfaq wrote in the study, published in *Geophysical Research Letters*, that ‘constraining global warming to two degrees Celsius above pre-industrial conditions may not be sufficient to avoid dangerous climate change.

'In the next 30 years, we could see an increase in heat waves like the one now occurring in the eastern US or the kind that swept across Europe in 2003 that caused tens of thousands of fatalities,' said Diffenbaugh, lead author of the study.' Those kinds of severe heat events put enormous stress on major crops like corn, soybean, cotton, and wine grapes, causing a significant reduction in yields,' he said.

Diffenbaugh and Ashfaq used two dozen climate models to project what could happen in the US if carbon dioxide emissions cause temperatures to rise 1.8 degrees Fahrenheit (one degree Celsius) between 2010 and 2039- a likely scenario, according to the UN's International panel on climate change. If that occurs, the mean global temperatures in 30 years would be about 2 degrees Celsius hotter than in the pre-industrial era of the 1850s.

Questions :

- i. What did the US and more than 100 other countries agree to?
- ii. What does the study published in *Geophysical Research Letters* as cited in the passage suggest?
- iii. What can be inferred from the first paragraph of the passage?
- iv. The research reported in the passage has been conducted by
 - a) The scientists working in Princeton University.
 - b) The earth scientists working in Stanford University.
 - c) The scientists working on Global Warming.
 - d) The earth scientists who attended the Copenhagen Conference.
- v. With which of the following possibilities of global warming is the author of the passage most likely to disagree?
 - a) Heat waves are likely to cause a large number of fatalities in the US in the years to come.
 - b) The temperature rise on the earth's surface is likely to harm farming in a crucial way.
 - c) The steps proposed at Copenhagen are likely to reverse the pattern of global warming in the next 30 years or so.
 - d) In the next 30 years the earth's surface's surface is likely to get warmer by two degrees Celsius than what it was in the pre-industrial era of the 1850s.

2. i. Use the following words in meaningful sentences:

Overtly; evolution; feasibility; state; combat

ii. Do as directed:

- a) Give up smoking face the consequences.

(Fill the blank with appropriate conjunction)

b) The process of production of this product can be discussed in five stages.

(Write the question for which this sentence is the answer)

c) The officer as well as the driver were injured in the accident.

(Correct and rewrite the sentence)

d) They said to the servant, "Can you prepare tea for us within five minutes?"

(Rewrite in the indirect speech)

e) Due to recession, many companies (downsize) their operations.

(Use the appropriate form of verb)

3. In the present era, social media is being used at a very high rate for workplace activities and agendas. What do you think are the advantages or disadvantages of this trend? Should the use of social media be promoted or discouraged in the workplace? Develop argumentative writing and your write-up should be between 250-300 words.
4. Assuming yourself to be the Purchase Officer of Aradhana Opticals, 24, Vijay Marg, Patna, write a complaint letter to Ageless Glasses, 123, Mayur Vihar, New Delhi, reporting that four of the eight consignments containing glasses have been received in a damaged condition. Ask for the replacement of the damaged goods and seek compensation for the postage charges incurred.
5. The Chairman of HP Computers Ltd., Dispur has felt the need for an intensive HR training programme for its entry-level and middle level managers. Hence, he has asked you, being the Director of the Company, to analyse the various areas in which training is required for them. You have collected data for this purpose which is tabulated below:

Draft a report (about 250 words) to the Chairman, analysing, and interpreting the data so as to enable him to organize an effective training programme

Table showing training needs in percentage

Level of Managers	Soft Skills	Managerial Skills	Software Skills
Middle Level	39.8	26.2	34
Top Level	34.4	23.3	43.3

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.