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Total No. of Pages: 03

Total No. of Questions: 05

B. Tech/ B.Com/ B. Arch (Sem.-1st/ 2nd)

COMMUNICATIVE ENGLISH

Subject Code: BTHU-101

Paper ID: [A1103]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTION TO CANDIDATES:

1) *All questions are compulsory.*

Q. 1. Read the passage and answer the questions that follow:

Targets set by policy makers to slow global warming are too soft to prevent more heat waves 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 countries agreed in Copenhagen last year to take action to reduce greenhouse gas emissions so as to hold the increase in global temperature below two degrees celsius, a study conducted by Stanford University scientists showed that might not be enough.

Stanford earth sciences professor Noel Deffenbaugh 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 thousands of fatalities," said Deffenbaugh, lead author of the study. "Those kinds of severe heat events put enormous stress on major crops like corn, soyabean, cotton, and wine grapes, causing a significant reduction in yield' he said.

Deffenbaugh 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 between 2010 and 2039 a likely scenario, according to the UN's International panel on climate change. If that occurs, the mean global temperature in 30 years would be about 2 degrees celsius hotter than in the pre-industrial era of the 1850s.

- (i) Which of the following can be inferred from the first paragraph of the passage? (2)
- (a) In the coming years, global warming is likely to become more intense as the changes seen on the sun are getting virulent by the day.
- (b) The measures promised by the US and the other 100 countries at the Copenhagen are not being followed.

- (c) In the next couple of years, the global warming is going to go soft on earth.
- (d) The measures agreed to be adopted by the US and other 100 countries at the Copenhagen are too soft to check global warming.
- (ii) With which of the following possibilities of global warming is the author of the passage most likely to disagree? (2)
- (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.
- (d) In the next 30 years the earth's surface is likely to get warmer by two degree celcius than what it was in the pre-industrial era of 1850s.
- (iii) What has been suggested in the study published in Geophysics Research Letters as cited in the passage? (2)
- (iv) What action did the US and 100 countries agreed to take at Copenhagen? (2)
- (v) What has been predicted for the next 30 years in the research reported in the passage. (2)

Q. 2. (a) Use the following words in meaningful sentences of your own
Sustainable, rollout, exceedingly, crucial, rupture. (5)

(b) Do as Directed

- (i) Over thirty years _____ encroachments had turned their 1000 years old, 27 acre water tank _____ a ruin and choked water supply.
(fill in appropriate preposition) (1)
- (ii) The committee _____ divided on minor issue.
(supply a verb in agreement with the subject) (1)
- (iii) Canvass, Canvas (1)
(Use these words in sentences of your own to bring out their meaning clearly)
- (iv) Oxygen and water sustain life on earth.
(Rewrite the sentence as complex sentence) (1)
- (v) If all people had food to eat _____
(Complete the sentence with suitable clause) (1)

Q. 3. Do you think government should spend large amount of money to buy or develop modern technology, or should that money be spent for the upliftment of masses. Which one of these options do you support? Use specific examples and reasons to explain your answer. (10)

Q. 4. Now a days Indian Market is flooded with wide variety of mobiles However the land phones have their own advantages. Keeping in mind the competition with the mobile, BSNL has launched land phones with extra facilities so as to cater to the requirements of the potential customers. Now as a sales manager of BSNL, write a letter to the manager of a company promoting the sale of land phones. Invent necessary details. (15)

Q. 5. The centre for Social Research Chennai, is conducting an independent research in “Reasons of increasing use of violent means among Youths as part of this research, views of people of different age-groups from 10 metropolitan cities have been ascertained. The tabulated data are presented below: (15)

Age-group	10-20	20-30	30-40	40-50	50-60
Corruption	20%	21%	18%	27%	20%
Unemployment	05%	35%	35%	11%	07%
Faculty legal System	10%	20%	16%	24%	33%
Easy Access of Arms	10%	10%	11%	09%	08%
Cinema	22%	04%	17%	12%	10%
Unitary Family	33%	10%	18%	17%	22%

Assuming yourself to be the chief investigator, prepare an analytical report to be submitted to the director of the centre, using the data your report should contain Introduction, Discussion, conclusion and Recommendations.

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