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BCAENLN 401

**IV Semester B.C.A. Examination, June/July 2024
(NEP 2020) (2022-23 Batch Onwards)
ENGLISH
L2-Generic English (AECC)**

Time : 2 Hours

UNIT – I
(Novel)



Max. Marks : 60

- I. Answer **any two** of the following in about **200 words each**. (2×10=20)
- 1) Comment on the significance of the title Breaking Ties.
 - 2) Sketch the character of Rashid.
 - 3) 'Women characters of the novel are all pillars of support to Nadira'.
Substantiate.
 - 4) "Abduction of Papu makes Nadira's already pathetic life even more pathetic".
Elaborate.
- II. Answer **any two** of the following in about **100 words each**. (2×5=10)
- 1) Write a note on Amina.
 - 2) Write a note on Nadira-Jamila relationship.
 - 3) How does Nadira register her protest against an oppressive system ?
 - 4) Explain the conflict between Mohammad Khan and Rashid.

UNIT – II
(Composition and Writing Skills)

- III. Answer **any two** of the following. (2×5=10)

a) Convert the given article into a scientific poster.

Nearly a quarter of the global population of older adults at mid-century could face extreme heat, putting their health in danger.

By 2050, as many as an additional 246 million adults age 69 and older could experience temperature extremes that exceed 37.5° Celsius, researchers report in *Nature Communications*. The new projection suggests that more than 23 percent of the global population of these older adults — largely concentrated in Africa and Asia — will encounter this intense heat.

P.T.O.



“Protecting our older population will be increasingly critical in the years to come,” says cardiologist-epidemiologist Andrew Chang of Stanford University and the University of California, San Francisco, who was not involved with the research. “Older adults can be exquisitely vulnerable to the impacts of heat.”

Exposure to hot temperatures is physiologically demanding and there is a limit to how much heat the body can tolerate. Heat extremes are especially risky for older adults for many reasons. The aging body can't cool off as efficiently. Older adults often have chronic illnesses that are worsened by heat, such as cardiovascular disease or diabetes. People in this age group commonly take medications that are dehydrating. And some older adults are socially isolated, limited in their mobility or have cognitive impairments.

“It's this kind of perfect storm of biological aging, social loneliness and then cognition that make [heat] so much worse for older people,” says Deborah Carr, a sociologist of aging at Boston University.

Carr and colleagues projected the population of those age 69 and up by 2050 and estimated the impact of climate change on the regions where these older adults will reside. The researchers assessed chronic heat exposure — prolonged exposure to uncomfortable heat — and acute exposures, which are short-lived but extreme, such as during a heat wave. The team found that chronic exposure, calculated by taking the average temperature across all days of a year and determining how many degrees each day exceed a threshold temperature of comfort, will increase Worldwide by 2050.

In terms of acute heat, there will be an increase Worldwide in the number of days each year that exceed 37.5° C, from an average of 10 days to around 20. There will also be a greater upper bound to how high temperatures can reach during extreme heat, depending on the region. “Both the frequency and the intensity will increase as a result of climate change,” says Giacomo Falchetta, a climate change researcher at the Euro-Mediterranean Center on Climate Change in Venice, Italy.

The team also looked at the contribution of the two factors, population aging and increasing heat, to understand which was driving the projected results depending on the region. In regions in the Global South, which have historically been hotter, a growing share of the population is aging. Regions in the Global North, which are “colder and older,” Carr says, “are experiencing more heat extremes.”





There isn't a one-size-fits-all approach to reduce the risks from increasing heat exposure to older adults, Falchetta says, but options include strengthening health care infrastructure, ensuring sufficient nutrition and hydration, implementing heat early warning systems, providing public cooling centers and expanding green spaces and tree cover to reduce urban heat island effects.

As for the study's projections, there remains uncertainty on the climate, Falchetta says, depending on reductions in greenhouse gas emissions. Regarding the demographic changes, "these people have already been born — they are people like me," he says. Countries need to "start planning now on how to accommodate the needs of those people in the future."

b) Copy writing: Write short, catchy, promotional lines in 30 words on the following :

Clearance Sale-Umbrellas.

c) Write a travel article in 50 words to a travel magazine describing your experience when you went to a beach recently.

d) Write a news report in 50 words on the Sports Day held in your college.

IV. Write an email on **any one** of the following : (1×10=10)

i) An apology letter to your class-teacher for not attending the practical exam held in the college.

ii) A letter of appreciation to your friend congratulating him/her on scoring highest marks in English in the third semester exam.

iii) A leave letter to your class teacher requesting for a day's leave to go to your village to cast your vote.

V. A) Write a blog post on **any one** of the following in **50 words** : (1×5=5)

i) Mobile as an educational tool.

ii) Preparation for monsoon season.

B) Write for Quora on **any one** of the following in **50 words** : (1×5=5)

i) How to acquire English Language Skills ?

ii) Can someone tell me how to install anti-virus to my laptop ?

