

Total No. of Printed Pages—8

3 SEM TDC GEGR (CBCS) GE 3 (A/B)

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(Held in January/February, 2022)

GEOGRAPHY

(Generic Elective)

Paper : GE-3

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Paper : GE-3 (A)

(Climate Change : Vulnerability and Adaptation)

1. Write True or False/Choose the correct
answer : 1×10=10

(a) Vulnerability can be broadly considered
as a function of susceptibility and
resilience.

(b) The _____ was launched in June 30,
2008.

(IPCC / UNDP / NAPCC)

(2)

(c) The people who are most vulnerable to climate change live _____.

(below poverty line / in urban areas / in forests)

(d) Cloudy nights are warmer as clouds _____ longwave energy back to the earth's surface.

(reflect / radiate / scatter)

(e) Global temperature rise is causing corals to die through the process of _____.

(bleaching / leaching / solution)

(f) The _____ is an important component of the climate system and includes ice sheets of Greenland, Antarctica, continental glaciers, snow, sea ice, permafrost, etc.

(hydrosphere / biosphere / cryosphere)

(g) Agricultural GHG emissions are mainly contributed by _____ oxides from soils, fertilizers, manures, etc.

(nitrous / sulphur / carbon mono)

(h) Ocean acidification due to increasing concentration of ____ is an indicator of climate change.

(carbon dioxide / nitrous oxide /
methane)

(i) Black carbon is a significant contributor to ____.

(global warming / pollution /
acid rain)

(j) The ____ instructed the States of India to develop their climate action plans in relation to the NAPCC.

(SAPCC / MoEFCC / UNDP)

2. Write short notes on any *two* of the following : 5×2=10

(a) Impact of climate change on mental health and well-being

(b) Relationship between vulnerability and risk assessment

(c) Vulnerability in flood prone areas

(4)

3. What are the major greenhouse gases?
Explain their role in changing the climate.

2+10=12

Or

Define climate change. How do human activities contribute to climate change?

2+10=12

4. Discuss the impact of climate change using suitable examples. 12

Or

Explain the impact of climate change upon health among different sections of the society. 12

5. Elaborate the role of IPCC in global climatic assessment. 12

Or

Explain the concepts of exposure, sensitivity and adaptive capacity in the context of vulnerability to climate change. Describe briefly the role of stakeholders in vulnerability assessment. 8+4=12

6. Discuss the impact of climate change upon flora and fauna with examples. 6+6=12

(5)

Or

Explain the role of local bodies in managing the impact of climate change. 12

7. Describe the adaption measures undertaken to reduce vulnerability due to climate change in the South Asian countries. 12

Or

Discuss physical and economic vulnerability to climate change with examples from South Asia. 12

Paper : GE-3 (B)

(Rural Development)

1. Write True or False/Choose the correct answer : 1×7=7

(a) Short-term credit is required for purchasing inputs like seeds, fertilizers, etc.

(b) Non-institutional sources of rural credit includes ____.

(Gram Sabhas / moneylenders / commercial banks)

(c) ____ is an initiative taken up by the Government to improve marketing system.

(Wholesale market / Retail market / Regulated market)

(d) ____ efficiently implemented cooperatives in milk production.

(Kerala / Gujarat / Assam)

(e) ____ was launched with the objective of helping the rural poor to become self-employed.

(TRYSEM / IRDP / DDP)

(7)

(f) National Rural Health Mission was launched in the year ____.

(2003 / 2005 / 2008)

(g) Gandhiji considered ____ an instrument of transforming a capitalist society into an egalitarian one.

(mentorship / trusteeship /
internship)

2. Write short notes on any *five* of the following : 5×5=25

(a) Rural Financial Institutions

(b) Problems of elementary education in rural areas

(c) Importance of transport and communication in rural development

(d) Economic empowerment of the rural poor

(e) NABARD

(f) Tribal area development programme

(g) MNREGA

3. What do you mean by rural development?
State its objectives. 4+8=12

Or

“Rural development is not limited to agricultural development.” Discuss. 12

4. Discuss the role of agriculture and allied activities in rural development. 12

Or

Discuss the significance of expanding non-farm activities in rural development. 12

5. What is PMGSY? Discuss its role in the development of Indian villages. 2+10=12

Or

Give an account of the rural healthcare system in India. 12

6. What is meant by Drought Prone Area Programme? Discuss its coverage and components. 2+10=12

Or

What do you mean by SGSY? Describe its salient features. 2+10=12

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