



QUESTION PAPER-2019

Environmental Studies

SECTION - A

Q.1. Choose the correct answer :

1×10=10

- (a) The term 'ecosystem' was proposed by
 (i) A. G Tansley (ii) F. P. Odum
 (iii) V. V. Dokuchaev (iv) G F. Morozov
- (b) Pyramid of biomass in forest ecosystem is
 (i) upright (ii) wholly inverted
 (iii) partly inverted (iv) none of the above
- (c) In Assam, shifting cultivation is practised in
 (i) Karbi Anglong and Dima Hasao districts
 (ii) Golaghat and Goalpara districts
 (iii) Jorhat and Dibrugarh districts
 (iv) All of the above
- (d) India is expected to face critical levels of water stress by
 (i) 2030 (ii) 2025
 (iii) 2050 (iv) None of the above
- (e) Coral reefs in Indian waters surround
 (i) the Andaman and Nicobar Islands
 (ii) the Lakshadweep Islands
 (iii) the Gulf areas of Gujarat and Tamil Nadu
 (iv) all of the above
- (f) Beej Bachao Andolan (Save the Seeds Movement) began in
 (i) Western Ghat (ii) Eastern Ghat
 (iii) Himalayan Foothills (iv) Vindhya Range
- (g) The unit of measurement of sound is
 (i) curie (ii) decibel
 (iii) rad (iv) rem
- (h) The Environment (Protection) Act in Indian was enacted in
 (i) 1972 (ii) 1986 (iii) 1981 (iv) 1980
- (i) Diarrhoea is caused by
 (i) bacteria (ii) virus
 (iii) protozoa (iv) all of the above

- (j) The 'Save Silent Valley' movement took place in
 (i) Maharashtra (ii) Karnataka
 (iii) Gujarat (iv) Kerala

SECTION—B

Q.2. Answer the following questions :

2×10=20

- (a) Define ecological succession.
- (b) What is nitrification?
- (c) What is desertification?
- (d) Why does flood occur?
- (e) Define the term 'biodiversity'.
- (f) Name the bio-diversity hotspots of North-East India.
- (g) What are the causes of water pollution?
- (h) What is sustainable development?
- (i) What is Chipko Movement?
- (j) What are the impacts of population explosion on environment?

SECTION—C

Q.3. Elucidate the functional properties of ecosystem. 4

Or,

Write notes on food chain and food web.

Q.4. Give an account on the causes of deforestation in India. 4

Or,

Explain renewable and non-renewable energy resources with example.

Q.5. Write a note on India as a mega-biodiversity nation. 4

Or,

Explain in-situ and ex-situ conversion of biodiversity with examples.

Q.6. What are the causes and effects of global warming? 4

Or,

Write a note on solid waste management.

Q.7. Write a note on disaster management. 4

Or,

Write in brief about the role of different Indian religions and cultures in environmental conversation.