

EXAMINATION : JUNE-2025

Sub: Environmental Studies (BCA-445-18, BCA-445-20, BCA-CS-445-20)

Total Marks : 60

Time: 2.00 pm To 4.30 pm

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labeled diagrams wherever necessary.

1. Main contributor of green house effect is -----.
a) Ozone
b) UV rays
c) Carbon dioxide
d) Methane
2. ----- is wind blowing spirally inwards in region of low pressure.
a) Earthquake
b) Cyclone
c) Flood
d) None of these
3. World Environment day is observed on-----.
a) 5th June
b) 15th December
c) 25th June
d) 5th January
4. ----- is an example of nonrenewable source of energy.
a) Fossil fuel
b) Solar energy
c) Wind
d) Tidal energy
5. ----- is ex-situ conservation method.
a) Wild life sanctuary
b) National park
c) Aquarium
d) None of these

1. Energy pyramid is always upright.
2. Emission of Sulfur dioxide causes acid rain.
3. Polluted air causes Diarrhea.
4. Ozone in stratosphere absorbs harmful UV rays
5. Similarity in life forms is termed as Biodiversity.

1. Enlist ecological significance of forest.
2. What precautions are taken during earthquake?
3. What is Desertification?
4. What is greenhouse effect?
5. Draw diagram of flow of energy in an ecosystem.
6. Give examples of nonconventional sources of energy.

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Describe grassland ecosystem.
2. Explain various methods of biodiversity conservation.
3. What are reasons of population explosion?
4. Explain water conservation methods.
5. Explain process of Biogas production.
6. Explain scope of Environmental Studies.
7. Enlist flood control measures.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Write an essay on various types of pollution. Add a note on its impact on human health.
 2. Explain necessity of environmental awareness.
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