

Enroll No

K.E.Society's
**Rajarambapu Institute of Technology,
Rajaramnagar**
(An Empowered Autonomous Institute, Affiliated to
SUK)

Q.P.Code
E 1315

End Semester Examination (Nov./Dec. 2025)

S.Y.B.C.A. III

Course Code: BC215

Course Name: Environmental Science

Day & Date: Thursday 13 Nov 2025

Time : 2.30 PM to 5.30 PM

Max Marks: 100

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded() brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyse, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

	Marks	CO	BT Level
Q 1 (a)			
Compare renewable and non-renewable resources with examples from daily life.	7	1	1
(B)			
Suggest ways to encourage eco-friendly habits in communities.	8	1	3
Q 2 (a)			
What do you understand by the term ecosystem? Describe its functions.	7	2	3



(b)
Discuss how individuals can contribute to conservation of biodiversity. 8 2 2

Q 3 (a)
Explain the term biodiversity and the need for its protection. 7 3 4

(b)
Illustrate a simple food chain and explain its significance in nature. 8 3 4

Q 4 (a)
Explain various modern methods of waste management in cities. 7 4 5

(b)
What preventive measures should be taken to reduce flood damage? 8 4 3

Q 5 (a)
Analyze the importance of NGOs and ICT in managing environmental problems. 10 3 4

(b)
Discuss the main causes and impacts of climate change on Earth. 10 3 2



Q 6 (a)

What is meant by sustainable development?

10 4 2

Explain its importance for future generations.

(b)

Discuss how humans and nature coexist
in an interdependent relationship.

10 4 5

