

**FACULTY OF ENGINEERING**

**B. E. (ECE/M/P/AE/IT) III – Semester (AICTE) (Suppl.) Examination,  
November 2020**

**Subject: Indian Constitution**

**Time: 2 Hours**

**Max.Marks: 70**

**Note: Answer any five questions from Part-A and any four questions  
from Part-B**

**PART – A (5x2 = 10 Marks)**

1. Why were Montague-Chelmsford (1919) Reforms introduced?
2. What are the functions of constituent assembly?
3. What is the procedure of Impeachment of President?
4. Write a brief note on 74<sup>th</sup> Constitutional Amendment.
5. What are the Fundamental duties and its relevance?
6. What is the Rule of Law (Article 14).
7. What is Inter-State Council
8. Write the significance of Finance Commission of India.
9. What is the Election procedure for President of India.
10. What are the powers of Election Commissioner?

**PART – B (4 x 15 = 60 Marks)**

11. Explain the salient features of Indian Constitution.
12. Discuss the nature of Fundamental Rights of Indian Constitution and differentiate between Fundamental Rights and Fundamental Duties.
13. Write an essay on appointment of Prime Minister and Composition of Council of Minister.
14. Discuss the role of Panchayat Raj Institutions in India and critically examine Panchayat Raj in the context of Decentralising Democracy.
15. Define Centre-State Relations and Examine the Sarkaria Commission recommendations.
16. What is NITI Aayog and How it is different than earlier Planning Commission in terms of strengthening the Federal Structure in India.
17. What are Human Rights and Critically examine the significance of National Human Rights Commission.

**FACULTY OF ENGINEERING**

**B. E. (CE/EE/Inst./CSE)(AICTE) III – Semester (Supplementary) Examination,  
Nov./Dec. 2020**

**Subject: Environmental Science**

**Time: 2 Hours**

**Max.Marks: 70**

**Note: Answer any five questions from Part-A and any four questions  
from Part-B**

**PART – A (5x2 = 10 Marks)**

1. Differentiate between the renewable and nonrenewable resources.
2. What is wind energy? How it is used?
3. Define the term Ecosystem.
4. Show the flow chart of component of Ecosystem.
5. What is meant by Biodiversity?
6. List the biographic zones of India.
7. State the purpose of water act.
8. What is solid waste management?
9. Enumerate basic principles of disaster management.
10. Discuss the causes of Acid rains.

**PART – B (4x15=60 Marks)**

11. (a) Discuss in brief about Land degradation. List the causes for the same.  
(b) What are the various protection measures adopted for floods and drought.
12. (a) Describe salient features of pond ecosystem.  
(b) Describe ecological pyramid. Explain different types of ecological pyramid.
13. (a) Enumerate and explain in brief various values of biodiversity in detail.  
(b) Explain the different methods of conservation of biodiversity.
14. (a) Explain the causes, effects and mitigation measures of air pollution.  
(b) Write and explain the salient features of water act.
15. (a) Discuss about watershed management.  
(b) Explain briefly about types of disaster.
16. (a) Explain the benefits and problems of dam.  
(b) Write the causes, effects and control measures of global warming.
17. Write short note on (a) desertification (b) ozone layer depletion.

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