FACULTY OF SCIENCE
B.A./B.Com./B.Sc./BSW/BBA/BSc (Hons.) (CBCS) I - Semester Examination, December 2024

Subject : Environmental Studies
Paper : AECC - I

Time: 1½ Hours   Max. Marks: 40

PART – A (2x5=10 Marks)
(Short Answer Type)

Note : Answer all questions.

1. Highlight about Hot-Spots of Biodiversity.

2. Causes of cyclones

PART – B (2x15=30 Marks)
(Essay Answer Type)

Note : Answer all questions.

3. a) Differentiate between Renewable and Non-Renewable energy.

OR

   b) Importance of Food chains and Food web.

4. a) Functions of Solid Waste Management.

OR

   b) Highlight about Water and Air Act.

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FACULTY OF SCIENCE

B.A./B.Com./B.Sc./BSW/BBA/BSc (Hons.) (CBCS) I - Semester Examination, December 2024

Subject : Fundamentals of Computer
Paper – AECC-I

Time: 2 Hours   **Max. Marks: 40**

PART – A

Note : Answer any four questions.   **(4x4=16 Marks)**

1. Discuss about Softcopy devices.

2. Write short notes on Classification of Computers.

3. Explain Memory Hierarchy.

4. Describe the classification of Computer Software.

5. Convert the following $(110.101)_2 = (?)_{10}$

6. Write short notes on 3-variable K-map.

PART – B

Note : Answer all the questions.   **(2x12=24 Marks)**

7. a) Explain different types of Generation of Computers based on its processing speeds and its characteristics.

OR

   b) Define primary and Secondary Memory. Explain in detail.

8. a) (i) Explain Venn diagram with examples.
      (ii) Reduce the given function $F(A, B, C, D) = \Sigma(1, 2, 3, 5, 8, 10, 11, 12)$ using Karnaugh map.

OR

   b) Explain in detail the design and implementation of correct, efficient and maintainable programs.

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FACULTY OF SCIENCE
B.A./B.Com./B.Sc./BSW/BBA/BSc (Hons.) (CBCS) I - Semester Examination, December 2024

Subject : Basic Computer Skills
Paper : AECC - I

Time: 1½ Hours   **Max. Marks: 40**

PART – A (2x5=10 Marks)
(Short Answer Type)

Note : Answer any two questions.

1. Write a short note on central processing unit.

2. Explain the concepts of hardware and software.

3. Write about LAN, MAN and VAN.

4. What is Web Browsing?

PART – B (2x15=30 Marks)
(Essay Answer Type)

Note : Answer all questions.

5. a) What is an operating system? Explain computer operation using GUI based operating system.

OR

   b) Briefly explain Word processing Document.

6. a) Explain in detail World Wide Web.

OR

   b) What is spread sheet? Discuss the formulas and functions in spread sheet with suitable examples.

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Subject : Environmental Studies
Paper : AECC - I

Time: 1½ Hours   Max. Marks: 40

PART – A (2x5=10 Marks)
(Short Answer Type)

Note : Answer all questions.

1. జీవవైవిధ్య హాట్ స్పాట్స్ గురించి విపులంగా వ్రాయండి.

2. తుఫానుల కారణాలు

PART – B (2x15=30 Marks)
(Essay Answer Type)

Note : Answer all questions.

3. a) పునరుత్పాదక మరియు పునర్వినియోగించ లేని వనరుల మధ్య తేడాలు వివరించండి.

OR

b) ఆహారపుగొలుసు మరియు ఆహారపు వల (Food web) యొక్క ప్రాముఖ్యత గురించి వ్రాయండి.

4. a) ఘన వ్యర్థ పదార్థాల నిర్వహణ యొక్క ఉపయోగాలు వివరించండి.

OR

b) నీటి మరియు వాయు చట్టాల గురించి విపులంగా వ్రాయండి.

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