

PURBANCHAL UNIVERSITY

2018/ २०७५

4 Years Bachelor of Computer Application (BCA/Eighth Semester/Final)

Time: 3.00 hrs.

Full Marks: 80 / Pass Marks: 32

BCA451CO, e-Governance

Candidates are required to give their own answers in their own words as far as practicable. Figure in the margin indicate full marks.

Group A

Answer TWO questions.

2 × 12 = 24

1. Compare between e-Government with e-Commerce. Explain development stages of e-government and barriers of e- Government implementation with example.
2. Explain network infrastructure. Why e-Government architecture and interoperability frameworks are needed for e-Government infrastructure development? Explain with an example.
3. Discuss e-government security architecture. Also explain the challenges to implement e-government system.

Group B

Answer SEVEN questions.

7 × 8 = 56

4. Describe importance of e-Readiness with e-Readiness framework. Explain issues in e-government readiness.
5. What is PPP? Describe citizen-centric approach to e-Government adoption.
6. Explain management approaches of e-Government system. Describe emerging management issues for e-Government system.
7. Explain the e-Government risk assessment and mitigation with an example.
8. What are the major task involved in implementing e-Government. Describe analysis of current reality.
9. Show comparative analysis of e-Government development in South Korea and China.
10. What is e-Government system life cycle? Explain security management model in detail.

11. Write short notes on any TWO:

- (a) e-Government master plan
- (b) Managing public data in e-Government.
- (c) Impact of e-Suvida and Cyber Laws in Nepal

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Group A

Answer TWO questions.

2 × 12 = 24

1. Differentiate e-Governance and e-Government. How e- government helps to improve economic condition of Nepal? Explain Development stages of e-Government.
2. What is importance of data centers? Explain e-Government architecture and interoperability frameworks with an example in e-Government infrastructure development?
3. Define key security challenges for government system? Explain an approach to security for e-Government

Group B

Answer SEVEN questions.

7 × 8 = 56

4. Explain the way of partnership followed by e-Government. Describe citizen-centric approach to e-Government adoption.
5. What are the issues in e-Government readiness? Explain different steps to e-Government readiness.
6. Describe emerging management issues for e-Government system.
7. Describe e-Government system life-cycle. Mention design of new e-Government system.
8. Explain e-Government strategy and managing public data for Government with an example.
9. What is GIDC? Show comparative analysis of e-Government development in India and China.

10. Explain different application areas of data warehousing and data mining in brief.
11. Write short notes on any TWO:
 - (a) Security management model
 - (b) e-Government master plan
 - (c) ICT development project in Nepal