

# 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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2019/ २०७६

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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

# PURBANCHAL UNIVERSITY

2021/ २०७७

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

Time: 3.00 hrs.

Full Marks: 80 / Pass Marks: 32

**BCA451CO, e-Governance**

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Figure in the margin indicate full marks.*

## Group A

**Answer TWO questions.**

**2 × 12 = 24**

1. Explain e-Governance technology with its advantages and disadvantages.
2. “E-governance evolves gradually from the simplest level to advance levels”. Justify.
3. Briefly explain the different models of e-governance.

## Group B

**Answer SEVEN questions.**

**7 × 8 = 56**

4. Explain the concept of Virtual Corporation. How e-governance concept in Nepal and deals with virtual corporation?
5. Briefly explain about interoperability framework.
6. Highlight the areas of ICT intervention on citizen services.
7. Explain types of Cyber Crimes with examples.
8. Examine the role of ICT in delivery of citizen services.
9. Explain the issues in E-governance applications and the digital divide.
10. What are the different e-government maturity levels? Explain.
11. Define cyber law focusing its essence. Explain the major provisions of cyber law of Nepal.

12. Write short notes on any TWO:

(a) Data Warehousing

(b) Payment Gateway

(c) Security Standards