



དཔལ་ལྷན་འབྲུག་གཞུང་།  
རྒྱལ་གཞུང་གི་གཞི་གཞུག་ལྷན་ཚོགས།



**ROYAL GOVERNMENT OF BHUTAN**  
**ROYAL CIVIL SERVICE COMMISSION**

**BHUTAN CIVIL SERVICE EXAMINATION 2012**  
**MAIN EXAMINATION**  
**(OCTOBER 13, 2012)**

**EXAMINATION CATEGORY : TECHNICAL**  
**PAPER II : GENERAL SUBJECT KNOWLEDGE**  
**for ICT GROUP**



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**ROYAL CIVIL SERVICE COMMISSION  
BHUTAN CIVIL SERVICE EXAMINATION (BCSE) 2012  
EXAMINATION CATEGORY: TECHNICAL**

**PAPER II: GENERAL SUBJECT KNOWLEDGE for ICT GROUP**

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<b>Date</b>	: 13 October 2012
<b>Total Marks</b>	: 100
<b>Examination Time</b>	: 90 minutes (1.5 hours)
<b>Reading Time</b>	: 15 minutes (prior to examination time)

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**READ THE FOLLOWING INSTRUCTIONS CAREFULLY:**

- You have 15 minutes (prior to writing time) to read the instructions, clarify doubts, make sure that you have all the pages, and check for any printing errors. DO NOT write during this time.
- This paper consists of **TWO Parts – Part I and Part II. All questions are compulsory.**
  - ✓ **Part I** consists of **70 Multiple Choice Questions** of 1 (one) mark each; and
  - ✓ **Part II** consists of **10 Short Answer Questions** of 3 (three) marks each.
- While answering the multiple choice questions, write only the letter of the correct answer chosen against the question number, clearly and legibly. E.g. 71(c). Any double writing or smudgy answers shall not be evaluated.
- All answers must be written in the answer booklet provided to you. You will not be given any marks for answers written other than in the answer booklet. Ask for additional answer booklets if required.
- Ensure that you write your roll number in the space provided in the answer booklet. In case you take additional answer booklet, make sure that you write your roll number in the additional answer booklet as well.
- This paper has 16 (sixteen) printed pages including this cover page.



**PART-I: MULTIPLE CHOICE QUESTIONS**

**Choose the correct answer and write down the letter of the correct answer chosen in the Answer Sheet against the question number. E.g. 71(c). Each question carries ONE mark.**

1. The time required for the fetching and execution of one simple machine instruction is
  - a. Delay Time
  - b. CPU Cycle
  - c. Seek Time
  - d. Loading Time
  
2. Which of the following is not a specification of a CPU?
  - a. 2.8GHz Clock speed
  - b. 2MB Cache memory
  - c. 4.2ms Rotation latency
  - d. 32-bit word size
  
3. QWERTY is used with reference to
  - a. screen layout
  - b. mouse button layout
  - c. keyboard layout
  - d. word processing software
  
4. Logically dividing hard disk into segments to organize and store data and efficiently use hard disk space is known as
  - a. Disk Partitioning
  - b. Disk Defragmentation
  - c. Disk Storage
  - d. Disk Cleanup
  
5. The section of the CPU that selects, interprets and sees to the execution of program instructions
  - a. ALU
  - b. Registers
  - c. Address Bus
  - d. Control Unit

