## Department of Computer Science and Engineering CSE 3223: Information System Design and Software Engineering Class Test # 2 (Set-A)

Marks: 10 Student ID:	Name:	Time: 25 min
Instructions: i) You can use pencil ii) No extra pages will Questions:	l be provided	
1. What is sampling? What are the step	eps of sampling design?	[3]
2. Kingston Hospital, a reputed hosh handsome amount of patients get the facilities of this hospital every patient gets a unique PRN and a report catalog he/she can fix an appointment with the automatically forwarded to the assig condition by visualizing the stream Administrators has all the powers of tracks all financial and technical aspects	treatment and services needs to be a registered g. Each patient can come the desired doctor or spaned doctors and the come of patient data and the system thus he/she	of this hospital. In order to get the user. During registration the patient municate with the referred doctor or ecialist. Reports of the patients are loctors always monitor the patient advises the patient accordingly.
Draw a Context Level DFD for King	ston Hospital.	[7]
CSE 3223: Informatio  Marks: 10  Student ID:		
Instructions: i) You can use pencil. ii) No extra pages will Question:		

**1.** What are the steps of determining sample size?

[3]

2. Tong, a renowned restaurant which is situated at Bashundhara, wants to install a system to record online orders for pizzas and pastas. When regular customers call Tong on the phone, their phone number goes automatically into the system. The phone number invokes the name, address, and last order date comes automatically on the screen. Once the order is taken, the total cost, including tax and delivery charge, is calculated. Then the order is given to the cook and a receipt is printed. Occasionally, special offer (coupons) is printed so the customer can get a discount. Drivers who make deliveries give customers a copy of the receipt and coupon (if any). Weekly totals are kept for comparison with last year's performance.