



UNIVERSITY OF COLOMBO, SRI LANKA



UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY (EXTERNAL)

Academic Year 2010/2011 –3rd Year Examination – Semester 5

IT5103 - Professional Issues in IT Structured Question Paper

12th March, 2011 (TWO HOURS)

To be completed by the candidate	
BIT Examination Index No:	

Important Instructions:

- The duration of the paper is 2 (two) hours.
- The medium of instruction and questions is English.
- This paper has 4 questions and 10 pages.
- Answer all questions.
- Question 1 & 2 (25 Marks) each, Question 3 (24 Marks) & Question 4 (26 Marks).
- Write your answers in English using the space provided in this question paper.
- Do not tear off any part of this answer book.
- Under no circumstances may this book, used or unused, be removed from the Examination Hall by a candidate.
- Note that questions appear on both sides of the paper.
 If a page is not printed, please inform the supervisor immediately.

Questions Answere	d
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Indicate by a cross (x), (e.g. X) the numbers of the **four** questions answered.

	Ques	tion nun	nbers		
To be completed by the candidate by marking a cross (x).	1	2	3	4	
To be completed by the examiners:					

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1) \	What is meant by discrimination? (04 mar
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b) .	ABC Corporation was established in 2000 in India focusing on development of Software. Late emerged as one of the richest software development companies in India with many glo connections and their employees were recruited from many countries such as Sri Lanka, India USA among many others. ABC's success was attributed to (among other things) its effect recruitment and employee retention strategies. ABC always attempted to attract the best talent.
	ABC has an efficient performance appraisal system and work culture. They gave incentives employees on the basis of their performance appraisal. Employees underwent a performance revery year.
	In the year 2010, lawsuits were filed against ABC, claiming that ABC's employment policies practices permit its managers to exercise discretion when deciding on evaluations (performa appraisals), pay packages, promotions and job selections. There were accusations by cert employees that they were paid smaller salaries, bonuses and stock options than what ABC precertain others performing the same work. The suit also alleged that ABC had even retaliated against this kind of unfair practises.
	Though there were many complaints, it was only in 2010 that the employees initiated leading proceedings against ABC, demanding equality and justice. A lawyer representing one of the employees of ABC had this to say "There are glass ceilings and glass walls in place for cert kind of employees at ABC. We are stunned and disappointed in their treatment of stemployees."
	From the scenario given above, identify three grounds on which discrimination could have occurr Briefly justify your answer.
	(15 mar
	ANSWER IN THIS BOX

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3) (a) (i) In the table given below, **Column I** contains instances/examples for the Data Protection Principles. **Column II** lists out the 8 Data Protection Principles.

	Column I		Column II
A	A General Practitioner discloses his patient list to his wife, who runs a travel agency, so that she can offer special holiday deals to patients needing recuperation.	1	Personal data shall be processed fairly and lawfully and in particular shall not be processed unless (a) at least one of the first principal conditions of any personal data is met and (b) in the case of sensitive personal data, at least one of the first principal processing conditions is also met.
В	Two laptops and a memory stick were stolen from a private school office in Colombo which has many branches. These contained sensitive personal information relating to a number of pupils and members of staff from two branches. All items were unencrypted and not physically locked away.	2	Personal data shall be obtained only for one or more specified and lawful purposes, and shall not be further processed in any manner incompatible with that purpose or those purposes.
С	A company provides various services to its customers using resources and servers located in various countries around the world. These may include countries outside the European Economic Area (EEA) that do not have laws providing specific protection for personal data or that have different legal rules on data protection.	3	Personal data shall be adequate, relevant and not excessive in relation to the purpose or purposes for which they are processed.
D	An individual is refused a job in the construction industry and discovers that this is because the prospective employer checked his name against a blacklist maintained by a third party. The blacklist consists of the names of people who are regarded as unsuitable to be employed in the construction industry because they are trade union activists. The individual writes to the person who maintains the blacklist asking them to remove his name as it is denying him the opportunity to gain employment.	4	Personal data shall be accurate and, where necessary, kept up to date.
E	A debt collection agency is engaged to find a particular debtor. It collects information on several people with a similar name to the debtor. During the enquiry some of these people are deleted. The agency should delete most of their personal data, keeping only the minimum data needed to form a basic record of a person they have removed from their search. It is appropriate to keep this small amount of information so that these people are not contacted again about debts which do not belong to them.	5	Personal data processed for any purpose or purposes shall not be kept for longer than is necessary for that purpose or those purposes. Continued

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	Column I		Column II
F	An individual is dismissed for alleged misconduct. An Employment Tribunal finds that the dismissal was unfair and the individual is reinstated. The individual demands that the employer deletes all references to misconduct. However, the record of the misconduct is accurate. The Tribunal's decision was that the employee should not have been dismissed on those grounds. The employer should ensure its records reflect this.	6	Personal data shall be processed in accordance with the rights of data subjects under the Data Protection Act.
G	An employer receives several applications for a job vacancy. Unless there is a clear business reason for doing so, the employer should not keep recruitment records of unsuccessful applicants beyond the statutory period in which a claim arising from the recruitment process may be brought.	7	Appropriate technical and organizational measures shall be taken against unauthorised or unlawful processing of personal data and against accidental loss or destruction of, or damage to, personal data.
Н	A representative of the Electricity Board calls at a property to cut off the electricity supply. He finds that the property has been burgled and is not secure. The householder is out (and cannot be contacted). He therefore telephones the police. This is likely to involve disclosing the fact that the householder's electricity is being cut off for non-payment. In such circumstances, it is reasonable to assume that, even if the householder may be embarrassed that others will know they have not paid their bills, they would be concerned about the burglary and about the protection of their property.	8	Personal data shall not be transferred to a country outside the region unless that country or territory ensures an adequate level of protection for the rights and freedoms of data subjects in relation to the processing of personal data.

Match an example/instance from $Column\ I$ with the most appropriate Data Protection Principle in $Column\ II$. Write your answer in the box given below the table.

(24 marks)

ANSWER IN THIS BOX		
A –	B –	
C –	D –	
E –	F-	
G –	H –	

If QM dismisses Mr. Perera, the company may be alleged to have caused unfair dismissal. S least three actions that must be taken by QM to avoid such an allegation and make it a fair dismis (12 n ANSWER IN THIS BOX	of I	st Value Supermarkets (BVS), a large supermarket chain. BVS has complained about the state. Mr. Perera's work. There have been no previous complaints about his workmanship and QM nonitor Mr. Perera's work at BVS but BVS refuse to have him on their jobs.
		st three actions that must be taken by QM to avoid such an allegation and make it a fair dismis
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b)) Mallika worked	as the are	a manager o	of a software	company	for ten	years. (Chann	a woi	ked as t	he
	accountant of the	e company.	Three years	ago, Mallika	went on ma	aternity	leave a	nd afte	er she	returned	to
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work, she found that many of her responsibilities were being gradually removed and given to Channa. Mallika claimed her position was intolerable.

She contacted her manager to complain and was assured her responsibilities would soon be transferred back to her and that her work situation would return to normal. When there was no improvement in the situation, she wrote to the manager again. Her letter said that unless she received a reply within seven days confirming her functions and responsibilities as area manager were the same as before, she would consider herself constructively dismissed and leave her employment.

What kind of claim could Mallika make against her employer after leaving her job and for what reasons?

	(06 marks)
ANSWER IN THIS BOX	

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(c)	Shanthi was found to be under-performing as a sales assistant in a prominent computer hardware store
	n Colombo. Targets were not being met. After a while, the management had a meeting with Shanthi
	They told her that her performance was not up to mark and also put it in writing. Initially, things
	mproved, but once again performance levels dropped and the management was forced to put it ir

improved, but once again performance levels dropped and the management was forced to put it in writing again. A few days later they sacked Shanthi but she objected to it saying she was not given sufficient time to improve her performance after the second warning. The management had someone more suitable waiting to replace Shanthi.

Briefly explain	the issues	with respe	ct to dismissa	of Shanthi	in the above	scenario

ANGWED IN THIS BOY	(08 marks)
ANSWER IN THIS BOX	
