

G1 - SET-A

SRM University, Kattankulathur
Faculty of Engineering and Technology, Department of Information Technology
15IT214 – Professional Ethics
Cycle Test

Degree : B.Tech
Year/Sem: II/IV
Duration : 100 Minutes

Specialisation: IT
Date: 08/03/2017
Max. Marks: 50

Instructional Objective(s) covered in this test:

- IO1. Learn methodologies to resolve moral dilemmas
IO2. Understand how to practice the role of engineers as responsible experimenters

Student outcome(s) and Sub-outcomes covered in this test:

1. An understanding of professional, ethical, legal, security and social issues and responsibilities. [outcome e]
2. An ability to understand professional responsibilities [outcome e1]
3. An Understanding of ethical, legal, security and social issues [outcome e2]

Part-A [Answer any five questions] (5x4=20 Marks)

1. Detail about any two models of professional roles
2. List any four limitations of “Codes of Ethics”
3. Explain the similarities and contrasts between engineering experiments and standard scientific experiments.
4. What are the four theories on virtue ethics about right action? Explain each one of them in detail.
5. Give the responsibilities of an engineer as an experimenter towards the society.
6. What does 'balanced outlook on law' emphasize?

Part-B [Answer any two questions] (2x15=30 Marks)

7(a) . Explain whether you find Kohlberg’s theory or gilligan’s theory more illustrating as an account of moral development

Or

(b) How ethical theories are useful? Explain with an example.

8(a) 'Engineering design is an iterative process'- Elaborate this with relevance to engineering as experimentation.

Or

(b) Cite the moral problems that can arise in engineering with appropriate three different scenarios

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4. An understanding of professional, ethical, legal, security and social issues and responsibilities. [outcome e]
5. An ability to understand professional responsibilities [outcome e1]
6. An Understanding of ethical, legal, security and social issues [outcome e2]

Mark Allotment

Question No	Instructional Objectives	Student Outcome	Marks		Outcome Met/Not Met	Mark Scored (50)
			Max Marks	Obtained Marks		
1	1	e1	4			
2	1	e1	4			
3	1	e1	4			
4	2	e2	4			
5	2	e2	4			
6	2	e2	4			
7	1	e1	15			
8	2	e1	15			

OUTCOMES

MET	NOT MET

Staff Signature with date