

Ahsanullah University of Science and Technology
Clearance/Carryover/Improvement Examination of Spring Semester 2013

Department of Arts and Sciences

Program: B.Sc in Computer Science and Engineering

1st Semester of 2nd Year

Course No: Hum-2109

Course Title: Society, Ethics and Technology

Time: 3 (Three) hours

Full Marks: 70

There are 9(Nine) questions. Answer any 7(Seven). (7×10) =70

1. Technology is indispensable in solving problems and brings human to a better future. Societies have decided not to abandon technology but to develop, shape and take it to the right direction. In this regard what is your duty to your society as a student of engineering?
2. What is technology culture? How do traditional value system and orthodoxy act as negative elements in the growth of science and technology?
3. What is ICT ethics? Summarize the issues that have arisen from the adoption of ICT.
4. Until the thirteenth century China was the world leader in developing new technologies. But China lost its leadership after 1300AD. Why? Discuss.
5. Write short notes on logical malleability, cyber crime and piracy.
6. Discuss how South Korea made a drastic and successful economic change after the Asian financial crisis of 1997.
7. Show the relationship between technology and environment.
8. Discuss the negative impacts of globalization.
9. Describe our moral and ethical responsibilities to reduce climate change.

Date: 03/09/2013

Ahsanullah University of Science and Technology
Final Examination of Spring Semester 2013
Department of Arts and Sciences
Program: B.Sc in Computer Science and Engineering
1st Semester of 2nd Year
Course No: Hum-2109
Course Title: Society, Ethics and Technology
Time: 3 (Three) hours Full Marks: 70

(01)

There are 9(Nine) Questions. Answer any 7(Seven). (7×10) =70

1. What is Ethics? Mention the approaches and uses of ethics. Show how our society is affected by technology.
2. "Understanding the law and the importance of teamwork is of extreme importance to a good scientist or engineer". Do you agree with this statement? Discuss elaborately.
3. Identify and explain the negative elements in the socio-economic system prevailing in Indian, Chinese and Islamic civilizations which are believed to have acted as road blocks for development of technology.
4. What is computer ethics? "The social importance of the computer as a revolutionary machine together with its specific features give rise to new ethical problems." Discuss those problems.
5. According to the National Society of Professional Engineers (NSPE) what is the Code of Ethics of Engineers? Write a short note on cyber crime and piracy.
6. What is digital economy? How did South Korea create a digital welfare society?
7. How does technology create environmental deficit? Do you think that technology, policy contexts and cultural factors influence the relationship between human population dynamics and the natural environment? Give your opinion.
8. How do human activities affect the climate change? Discuss our moral and ethical responsibility to reduce carbon pollution in order to prevent sufferings and protect human life.
9. Conceptualize globalization. Identify the major contributing factors that mark globalization with red flags as a human rights violator.

Ahsanullah University of Science and Technology
Final Examination of Fall Semester 2013
Department of Arts and Sciences
Program: B.Sc in Computer Science and Engineering
1st Semester of 1st Year
Course No: Hum-2019
Course Title: Society, Ethics and Technology
Time: 3 (Three) hours **Full Marks: 70**

Section-A

There are 7(Seven) Questions. Answer any 5(Five). (5×10) =50

1. What is technology? How has technology changed the world and the ways of society?
2. Evaluate the earlier contributions of China in science and technology. China lost technological leadership after 1300 AD. Why? What are their recent developments?
3. "The unique features of computing technology give rise to new ethical problems". Critically discuss those problems.
4. Describe the background of South Korea's drastic economic changes.
5. Discuss the impacts of globalization on human rights.
6. "The more complex a society's technology, the greater its capacity to alter the natural environment". Illustrate this statement.
7. Discuss our moral and ethical obligations to prevent climate change.

Section-B

There are 6(Six) Questions. Answer any 4(Four). (4×5) =20

8. What are the approaches and uses of ethics?
9. Conceptualize Responsibility, Accountability and Liability.
10. What are the codes of ethics for engineers?
11. Write a short note on copyright.
12. How can our confidentiality be hampered when we go online?
13. Is there any policy to correct the violations created by globalization?

Final Examination of Fall Semester 2014
Department of Arts and Science
B.Sc. in Computer Science and Engineering
2nd Year 1st Semester
Course No: HUM 2109
Course Title: Society, Ethics and Technology

Time: 3 Hours

Full Marks: 70

There are 7 questions. Answer any 5 of them.

1. What do you understand by technology? Briefly discuss the perceptions regarding technology. 4+10
2. 'Social conditions can encourage or inhibit the development of specific technologies'- In light of the statement discuss the relationship between technology and society. 14
3. 'Large, modern technological systems seem to evolve in accordance with a loosely defined pattern' (Kidd, 2008). In light of this statement explain the historical evolution of modern technological system. 14
4. What is economic growth? How can economic growth be explained with technological innovation? 5+9
5. Who are the makers of public policy? How is science and technology influenced by the policy process? 4+10
6. What is engineering ethics? What are the moral theories of engineering ethics? What are The major ethical issues in an ethical code that need to be monitored? 4+6+4
7. Do you think that there is any relation between globalization and human rights abuse? How would you explain the relationship between globalization and human right abuses? 4+10

Date: 30/03/16

Abu Abdullah University of Science and Technology
Final Examination of Fall Semester 2015
Department of Arts and Sciences
Program: B.Sc. in Computer Science and Engineering
1st Semester of 2nd Year
Course No: HUM 2109
Course Title: Society, Ethics and Technology

Time: (3) Hours

Full Marks: 70

There are (7) seven questions. Answer any 05 (five) questions.
Marks allocated are indicated in the margin.

1. What is the relationship between technology and society? Evaluate the relationship between technology and society. 4+10
2. The transition from a society with the feudal lord, the steam mill, and the industrial capitalists — Explain the evolution of society with the advent of new technology. 14
3. How would you understand the demographic characteristics of a population? What are the measures that would help you to understand the change in the population characteristics? 4+10
4. According to Universal Declaration of Human Rights (UDHR), what are the human rights that a human possesses? Would globalization enhance the implementation of human rights as stated in the UDHR and the subsequent United Nations agreements? 7+7
5. The use of new technologies for educational purposes may contribute in increasing the access to higher education. What do you think; can the tools of technology properly used break through the barriers to educational progress? What inhibits the effective use of technology? 7+7
6. What is code of ethics? How code of ethics can serve as a basis for judging the merit of a formal complaint pertaining to violation of professional ethical standard? 4+10
7. What is economic growth? How economic growth can be fostered by technological innovation? Post examples. 4+10

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Final Examination of Spring Semester 2015

Department of Arts and Sciences

B.Sc. in Computer Science and Engineering

2nd Year 1st Semester

Course No: HUM 2109

Course Title: Society, Ethics and Technology

Time: 3 Hours

Full Marks: 70

There are 7 questions. Answer any 5 questions.

1. Technological momentum offers an alternative to technological determinism and social construction. In light of the statement evaluate the interrelationship in these three concepts technological momentum, technological determinism and social constructivism. 4+10

2. According to international bill of human rights, what are the rights that you possess? Is there any relationship between social and political globalization and human right abuse? Explain your answer. 7+7

3. How would you understand the demographic characteristics of a population? What are the measures that would help you to understand the changes in the population characteristics? 4+9

4. What is ethics and technology? Who develops engineering ethics? How would you apply ethical values in your profession? 4+3+7

5. What is public policy? What is the basic formal process of policy formation? Discuss the problems and recommendations to develop coherent public policy in general. 4+10

6. By focusing on ICT as a knowledge intensive industry South Korea has successfully strengthen its competitive advantage over other nations. Review the national ICT strategy of South Korea. In comparison to that, critically review the national ICT policy of Bangladesh. 4+10

7. What is e- government? What are the right policies and practices that need to be adopted for successful e- government? 4+10

Ahsanullah University of Science and Technology
Final Examination of Spring Semester 2016
Department of Arts and Sciences
Program: B.Sc. in Computer Science and Engineering
1st Semester of 2nd Year

Course No: Hum 2109

Course Title: Society, Ethics and Technology

Full Marks: 70

Time: 03(three) hours

There are 7(Seven) Questions. Answer any 5(Five) Questions.
(Marks allotted are indicated in the margin)

- 1.a) Define technology. What do you understand by technology assessment? 4
- 2.b) How would you articulate politics and war to the development of science and technology? 10
- 3.a) 'Our education system discourages nurturing of questioning minds and has inadequate focus on tertiary education.' Do you think that it is the most underpinning road block to develop a technology culture? Posit your view and give at least five suggestions to improve our education system. 7
- 3.b) What do you understand by technological determinism? Why is technological determinism unsatisfactory? 7
- 3.c) Distinguish between ethics and work ethics. Write the code of ethics for engineers. 7
- 4.a) "Utilitarianism tries to balance the needs of society with the needs of individual, with an emphasis on what will provide the most benefit to the most people" In the light of this statement explain how utilitarianism is the most applicable moral theory in solving our engineering problems. 7
- 4.b) What do you mean by economic growth? Do you think that the rapid economic growth should continue in a finite world with fragile ecology? Why or why not? Give your opinion. 7
- 5.a) How would you differentiate technological innovation from other types of innovation? Can technical change increase our productivity? Explain your view by showing the relationship between technical change and economic growth. 7
- 5.b) Discuss the pros and cons of multinational companies from the view point of ethics. 7
- 6.a) Define appropriate technology. Which are the technological flaws of Bhopal tragedy? Can this be called an example of misappropriate technology? 7
- 6.b) What do you mean by computer ethics? Describe the problems related to the autonomous nature of computer. 7
- 7.a) Explain computers as an engineering tool. 7
- 7.b) Define demography with its basic concepts. 4
- 8.a) Explain the meaning and relevance of environmental ethics. What are the approaches to solve the environmental problem? 10

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