

**R09**

Code: 9A03808

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations, July 2013

**PROFESSIONAL ETHICS & INTELLECTUAL PROPERTY RIGHTS**

(Mechanical Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) Explain the various stages of moral development as given by Kohlberg.  
(b) What is the importance of ethical theories in shaping the behavior of individuals?
- 2 (a) What is engineering ethics?  
(b) What is NSPE code of ethics for engineers?
- 3 (a) What is public interest?  
(b) Explain about risk benefit analysis and how risk can be reduced.
- 4 Explain the principles of software engineering code of ethics and profession practice.
- 5 (a) Define intellectual property and list out them.  
(b) Explain the role, functions and objectives of WTO.
- 6 (a) Define trade mark. What is the importance of trade mark?  
(b) Write about passing off and infringement of trade mark.
- 7 (a) What is the meaning of copyright and explain about term of validity of copyright protection?  
(b) Explain authors special rights.
- 8 (a) What are the inventions that cannot be patented?  
(b) Trace the history of patent system. Explain the essential conditions for obtaining a patent for an invention.

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