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Question Paper Code : 53118

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2019.

Fifth/Sixth/Seventh/Eighth Semester

Civil Engineering

GE 6075 — PROFESSIONAL ETHICS IN ENGINEERING

(Common to Agriculture Engineering/Automobile Engineering/
Biomedical Engineering/Civil Engineering/Computer Science and Engineering/
Electrical and Electronics Engineering/Electronics and Communication Engineering/
Electronics and Instrumentation Engineering/Geoinformatics Engineering/
Industrial Engineering/Instrumentation and Control Engineering/Manufacturing
Engineering/Materials Science and Engineering/Mechanical Engineering/
Mechatronics Engineering/Production Engineering/Chemical Engineering/
Fashion Technology/ Food Technology/ Handloom and Textile Technology/
Information Technology/ Petroleum Engineering/ Plastic Technology/
Polymer Technology/ Textile Chemistry/ Textile Technology)

(Regulation 2013)

(Also common to PTGE 6075 – Professional Ethics in Engineering for
B.E. (Part-Time) Fifth Semester Civil Engineering – Sixth Semester –
Computer Science and Engineering, Electronics and Communication Engineering,
Electrical and Electronics Engineering, Regulation 2014)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define Work Ethics.
2. Brief on Spirituality.
3. What are Moral Dilemma?
4. State any two methods that can be applied when testing appropriate?
5. What are the uncertainties that occur in Model Design?
6. What are Code of Ethics?
7. Define IPR.

8. What is Professional Right?
9. Define CSR.
10. What is Environmental Ethics?

PART B — (5 × 13 = 65 marks)

11. (a) Write short notes on Honesty and Integrity. (13)
Or
(b) Explain the role of Yoga in Professional Ethics. (13)
12. (a) Enumerate on Moral issues and types of inquiry. (13)
Or
(b) Discuss any two theories on Ethics. (13)
13. (a) Explain the characteristics of Morally Responsible Engineers.
Or
(b) Explain the code of Ethics to be followed by an Engineer.
14. (a) Discuss on the importance of Collective Bargaining.
Or
(b) Explain "Employee Rights" and its role in a Business Organisation.
15. (a) Write in detail about Engineers used as Consultant and Advisor. (13)
Or
(b) Discuss in detail about the moral and ethical issues involved in use of Computer Technology.

PART C — (1 × 15 = 15 marks)

16. (a) Discuss the role and importance of Ethics in Engineering.
Or
(b) Explain the significance of Environmental Ethics for an Engineer by giving an examples of environmental issue.