Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_

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**End Semester Examination – Nov/Dec – 2018**

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| **Code :** | **16CA2026** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PROFESSIONAL ETHICS** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Define Ethics. | CO1 | 1 |
| b. | Name any two sub-fields of ethics in philosophical studies. | CO1 | 1 |
| c. | Explain about Normative Ethics. | CO1 | 2 |
| d. | With an example explain professional ethics. | CO1 | 2 |
| e. | i. Explain the various ethical frameworks used to identify and describe the professional ethics.  ii. Does globalization solve the differences between nations? | CO1 | 7  7 |
| (OR) | | | | |
| 2. | a. | Define Engineering Ethics. | CO1 | 1 |
| b. | Define profession. | CO1 | 1 |
| c. | With an example explain profession and professional. | CO1 | 2 |
| d. | What do you mean by ethical framework? | CO1 | 2 |
| e. | i. With an example explain how to solve the issues of academic dishonesty?  ii. Write in detail about the major aspects of professional behavior. | CO1 | 7  7 |
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| 3. | a. | Define Factual statement. | CO1 | 1 |
| b. | Name the three kind of statements that are used in ethics. | CO1 | 1 |
| c. | List any four ethical issues in research. | CO1 | 2 |
| d. | Write a note on Phenomenological theory of ethics. | CO1 | 2 |
| e. | Demonstrate the way to solve the conflict of interests in scientific community. | CO1 | 14 |
| (OR) | | | | |
| 4. | a. | \_\_\_\_\_\_\_ is basic to achieve personal and national goals. | CO2 | 1 |
| b. | \_\_\_\_\_\_\_ properties are typically created and used for industrial or commercial purposes. | CO2 | 1 |
| c. | Describe the requirements of standard education. | CO2 | 2 |
| d. | Explain the morals and values of education. | CO2 | 2 |
| e. | Discuss in detail about intellectual property. | CO2 | 14 |
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| 5. | a. | The role of \_\_\_\_\_\_\_\_ is characterized by both descriptive and prescriptive aspects. |  | 1 |
| b. | Write any one good conduct of code of ethics. | CO2 | 1 |
| c. | How does the academic tradition emphasize intellectual honesty and critical self discipline? | CO2 | 2 |
| d. | What are the most effective steps for promoting research integrity? | CO2 | 2 |
| e. | Describe the effectiveness of scientific and engineering society acitivites. | CO2 | 14 |
| (OR) | | | | |
| 6. | a. | Draw ethically loaded social issues. | CO2 | 1 |
| b. | Write the ethical culture of a society. | CO2 | 1 |
| c. | List the purpose of code of ethics in science and engineering organization. | CO2 | 2 |
| d. | What are the key elements to be consider in conducting an evaluation of research? | CO2 | 2 |
| e. | Explain in detail about the premise behind code of ethics. | CO2 | 14 |
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| 7. | a. | Research is systematic because it is pursued according to \_\_\_\_\_\_\_. | CO3 | 1 |
| b. | Write the role of principal investigator(PI). | CO3 | 1 |
| c. | How is the research problem defined? | CO3 | 2 |
| d. | What are the data requirement for the research? | CO3 | 2 |
| e. | i. Discuss about the falsification and fabrication of the data.  ii. Give a detailed note on plagiarism and theft. | CO3 | 7  7 |
| (OR) | | | | |
| 8. | a. | Write the role of research publication. | CO3 | 1 |
| b. | What is the purpose of peer review? | CO3 | 1 |
| c. | Write the important criteria of compiling data for publication. | CO3 | 2 |
| d. | Explain the role of journal editor. | CO3 | 2 |
| e. | Explain the role of peer reviewer and their duties. | CO3 | 14 |
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|  | | **Compulsory**: |  |  |
| 9. | a. | Measurement of the success of a code of ethics falls into \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| b. | Define the code of ethical principles and standards. | CO3 | 1 |
| c. | Write the examples of process measure for an ethics and complaints program. | CO3 | 2 |
| d. | Explain the ways to solve whistleblowing problem in an organization. | CO3 | 2 |
| e. | Discuss about the responsibility to report misconduct of researcher. | CO3 | 14 |