

THE NATIONAL PROFESSIONAL PRACTICE EXAMINATION

SCOPE AND SYLLABUS OF THE EXAMINATION

The following major subject areas are included in the National Professional Practice Examination:

- A. PROFESSIONALISM (10%)**
 - A.1** Definition and Interpretation of Professionalism and Professional Status
 - A.2** The Roles and Responsibilities of Professionals in Society
 - A.3** Engineering and Geoscience Professions in Canada; Definitions and Scopes of Practice
 - A.4** The Value of Engineering and Geoscience Professions to Society
 - A.5** The Roles and Responsibilities of Professionals to Management

- B. ETHICS (20%)**
 - B.1** The Role of Ethics in Society; Cultures and Customs
 - B.2** Classical and Modern Ethical theories and Principles
 - B.3** Codes of Ethics of Professional engineers and Geoscientists in Canada
 - B.4** Ethical Standards and Codes and Their Relationship to the Conduct of a Professional
 - B.5** Common ethical issues and Dilemmas; Making Ethical Decisions

- C. PROFESSIONAL PRACTICE (27%)**
 - C.1** Professional Accountability for Work, Workplace Issues, Job Responsibilities and Standards of Practice
 - C.2** Relations with Other Professionals and Non-professionals; Business Practices
 - C.3** Statutory and Non-Statutory Standards and Codes of Practice
 - C.4** Insurance, Risk Management and Quality Management; Due Diligence
 - C.5** Environmental Responsibilities and Sustainable Development
 - C.6** Use of Software, Computers and Internet-based Tools; Liability for Software Errors
 - C.7** Documentation Authentication and Control
 - C.8** Duty to Inform; Whistleblowing

- D. COMMUNICATION (1%)**
 - D.1** Legal, Ethical and Practical Aspects of Communication
 - D.2** The Professional Relationship
 - D.3** Communication Skills

- E. LAW FOR PROFESSIONAL PRACTICE (23%)**
 - E.1** The Canadian Legal System
 - E.2** Contract Law - Elements, Principles, and Applications
 - E.3** Tort Law – Elements, Principles, and Applications
 - E.4** Civil Code in Quebec and Common Law in Rest of Canada
 - E.5** Business, Employment, and Labour Law
 - E.6** Arbitration and Alternative Dispute Resolution (ADR)
 - E.7** Intellectual Property – Patents, Trademarks, Trade Secrets, Software Issues, Copyright
 - E.8** Expert Witness
 - E.9** Construction Liens

- E.10** International Law
- E.11** Environmental Law
- E.12** Workers Compensation and Occupational Health & Safety
- E.13** Human Rights and Privacy Legislation

- F. **PROFESSIONAL LAW (8%)****
 - F.1** The Acts Regulations and Bylaws Provincial and territorial Acts
 - F.2** Codes of Ethics; Conflicts of Interest
 - F.3** Admission to the Professions
 - F.4** Illegal Practice; Enforcement Against Unlicensed Practice and Misuse of Title
 - F.5** Professional and Technical Societies

- G. **REGULATION & DISCIPLINE PROCESSES (11%)****
 - G.1** Discipline and Enforcement Procedures
 - G.2** Professional Inspection; Practice Reviews of Individuals
 - G.3** Response to Complaints
 - G.4** Licensing Corporations and Practice Review of Firms
 - G.5** Response to Unethical or Incompetent Practice; Consequences of Unethical Practice
 - G.6** Canadian and International Mobility
 - G.7** Continuing Professional Development
 - G.8** Use of Seals and Stamps

Source: APEGA