

# University of Sargodha

BS 3<sup>rd</sup> Term Examination 2023

Subject: I.T

Paper: Professional Practice (ITSCC-201)

Time Allowed: 02:30 Hours

Maximum Marks: 60

Note: Objective part is compulsory. Attempt any three questions from subjective part.

## Objective Part (Compulsory)

- Q.1. Write short answers of the following in 2-3 lines each on your answer sheet. (2\*12)
- i. What are the regulations and controls related to personal information in software development?
  - ii. What is the British Computer Society Code of Conduct?
  - iii. What is computer misuse, and how does it relate to criminal law?
  - iv. What are graphical methods for comparing means?
  - v. What is the role of finance and accounting in software development?
  - vi. Can you describe the anatomy of a software house?
  - vii. What is software liability, and how does it impact software development practices?
  - viii. What is computer misuse?
  - ix. What is IEEE code of Ethics?
  - x. What is ACM software engineering code of Ethics?
  - xi. What are the potential consequences of computer misuse?
  - xii. How can individuals and organizations protect themselves from computer misuse and cybercrime?

## Subjective Part (3\*12)

- Q.2. Provide an overview of the engineering profession and its relevance to software development. How do engineers ensure quality and reliability in software products?
- Q.3. How does the structure of organizations impact software development processes, including project management and team dynamics?
- Q.4. What are computer contracts, and how do they impact software development practices?
- Q.5. How do intellectual property rights impact software development, including issues related to patents, copyrights, and trademarks?
- Q.6. What is human resource management, and how does it relate to software engineering and issues related to recruitment?

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