

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
Department of Computer Science and Engineering (CSE)

SEMESTER FINAL EXAMINATION

DURATION: 3 Hours

SUMMER SEMESTER, 2014-2015

FULL MARKS: 150

CSE 4807: IT Organization and Management

Programmable calculators are not allowed. Do not write anything on the question paper.

There are **8 (eight)** questions. Answer any **6 (six)** of them.

Figures in the right margin indicate marks.

-
- | | | |
|----|--|----|
| 1. | a) Describe the three waves in modern history and their implications for organizations. | 8 |
| | b) Explain three techniques for improving group decision making. | 7 |
| | c) Contrast mechanistic and organic organizations. | 5 |
| | d) Describe the human resource management process. | 5 |
| 2. | a) Explain how managers can shape employee behavior. | 8 |
| | b) Differentiate Theory X with Theory Y of management. | 7 |
| | c) Describe the qualities of an effective control system and explain how controls can become dysfunctional. | 5 |
| | d) Explain how information technology is providing managers with decision support system. Explain what is meant by Just-in-Time inventory systems. | 5 |
| 3. | a) Briefly describe the IT problems of today. | 18 |
| | b) For making an organization structure, we have to follow some principle. Explain them. | 7 |
| 4. | a) State the advantages and disadvantages of the organizational structure where IS department is placed in an independent location. | 8 |
| | b) Briefly describe the matrix organization. | 7 |
| | c) Differentiate the IS centers of business, research and educational institutions. | 10 |
| 5. | a) Once a company has attracted several promising job applicants, the next stage for personnel specialist is to screen out the unqualified applications. Briefly describe the process of assessing applicants. | 18 |
| | b) Project manager is the key person for the successful completion of a project. What should be the profile of a project manager? | 7 |
| 6. | a) A number of tasks are to be done in chronology for managing a project for successful completion. State the various tasks. | 5 |
| | b) Briefly describe various tasks of project management. | 20 |
| 7. | a) What do you understand by risk? How can you manage the risk? | 8 |
| | b) Why do we need project reporting and reviews? | 7 |
| | c) For the successful completion of a project, different group of people perform different responsibilities. Briefly discuss. | 10 |
| 8. | a) State the effects of having poor-quality software. Concept of quality varies among categories of people, briefly discuss it. | 8 |
| | b) State the reasons for changes to software. | 7 |
| | c) What do you understand by project estimation? What are the problems with software project estimation? | 10 |