

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
FOURTH SEMESTER B.TECH DEGREE EXAMINATION(R&S), MAY 2019

Course Code: HS210

Course Name: LIFE SKILLS

Max. Marks: 50

Duration: 2 Hours

PART A

Answer all questions, each carries 6 marks.

| | | Marks |
|---|---------------------------------------------------------------------|-------|
| 1 | a) Discuss the types of reports and its features. | (4) |
| | b) Differentiate between group discussion (GD) and debate. | (2) |
| 2 | a) Compare critical and creative thinking. Give examples | (4) |
| | b) List the different types of intelligences. | (2) |
| 3 | a) Discuss the steps involved in group problem solving. | (3) |
| | b) Define Team Performance Management (TPM) and draw the TPM cycle. | (3) |
| 4 | a) State Gilligan's theory of moral development | (4) |
| | b) What are the moral issues related to engineering? | (2) |
| 5 | a) Explain leadership grid with neat sketches. | (4) |
| | b) List the important personality traits of effective leaders. | (2) |

PART B

Read carefully the following case and answer the questions given below, it carries 20 marks.

(Case study)

Engineer A was a competent consulting engineer, specializing in manufacturing plant layout, but she was always very busy. A client asked Engineer A to review a proposed plant layout and prepare an evaluation report. Engineer A reluctantly agreed. Because of the pressure of other work, Engineer A assigned the task to an employee, Technologist B, who was experienced in construction, but had little background in plant layout. Technologist B did his best to evaluate the layout, but several key points were beyond his knowledge. Although he tried to get advice from Engineer A, he was unable to do so, because Engineer A was always too busy with her other projects. Technologist B finally prepared a draft report for Engineer A to correct and complete. Technologist B sent the report to Engineer A with a note saying that the report was an incomplete draft and that A should "give it detailed study." By this time, Engineer A was even busier than

before, and she had to complete several major tasks before going overseas for a month's vacation. Engineer A simply had her secretary reformat the draft report and print it on high-quality paper. Engineer A signed, sealed, and mailed the report, without even reading it. When the client received and read the report, he phoned Engineer A and said he was disgusted with the poor report and would not pay for it. Although Engineer A apologized profusely, the client insisted on sending the report to the Association and making a formal complaint. Engineer A admitted her negligence and received a reprimand from the Discipline Committee.

- 6 a) Identify the key players in this case. (2)
- b) What are the professional responsibilities neglected by the key players in this case? (4)
- c) What clauses of the Code of Ethics have been violated by Engineer A's actions? (5)
What disciplinary actions could she expect?
- d) If you were Engineer A, what would you do at this point? (5)
- e) As engineers, what are the lessons learnt from this case? (4)
