

Program: BScTE, 3rd Semester
Semester: Winter

Date: 22 December 2023 (Friday)
Time: 01:30 pm – 04:30 pm

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION (TVE)

Examination: Final Semester Examination

Academic Year: 2022 - 2023

Course Number: TVE 4111

Full Marks: 150

Course Title: Occupational Analysis and Course Construction

Duration: 3 Hours

There are 7 (seven) questions. Answer 6 (six) questions. Questions 6 (six) and 7 (seven) are compulsory. The symbols have their usual meaning.

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|----|----|--|----|-----|-----|
| 1. | a) | Describe the following terms in relation to occupational analysis: | 10 | | |
| | | i. Occupation, | | | |
| | | ii. Job, | | | |
| | | iii. Vocation, | | | |
| | | iv. Profession, and | | CO1 | PO2 |
| | | v. Career. | | | |
| | b) | Muhammad Ali (alumni of the University of Victoria), a passionate programmer from a young age, works for Google as a Software Developer. Is programming his vocation, occupation or profession? Justify your answer. | 15 | | |
| 2. | a) | What is 'powerful skills'? Why does Wiant categorize 'social skills and interpersonal relations' as powerful skills? | 10 | | |
| | b) | Ali Zoubair is a bachelor holder in Human Resource Management. After working at ABC Construction Limited as a Human Resource Officer for 10 years, he was promoted to the position of Human Resource (HR) Manager, a post generally held by MBA graduates. Considering that description, answer the questions below. | | | |
| | | i. As the owner of ABC Limited, would you approve the appointment of a Human Resource Manger without MBA in Human Resource Management? Why? | 06 | CO2 | PO2 |
| | | ii. Explain one qualification key point that the CEO used to appoint Ali as the HRM? | 06 | | |
| | | iii. Mention 3 (three) other key qualification points that you could have used to appoint another candidate to that position. | 03 | | |
| 3. | a) | What is a task? Explain four (4) characteristics of tasks in occupational analysis. | 15 | CO3 | PO2 |
| | b) | Explain 'Job and Performance Analysis' class of task analysis. | 10 | | |
| 4. | a) | Differentiate between knowledge and skills with reference to occupational classification. | 10 | | |
| | b) | Dr. K. Zakhir is an experienced professor from the TVE faculty of UTHM with an excellent academic and industrial experience. For that, he is considered by many as an expert in the TVET sector. Do you agree with that assessment? Elaborate your answer? | 15 | CO2 | PO2 |
| 5. | a) | What is task inventory? Why is task inventory important during occupational analysis? | 05 | CO3 | |
| | b) | Consider 'medical doctor' as a job for analysis. As an expert in task analysis, prepare a task inventory of that job containing 5 (five) tasks. | 05 | | PO2 |
| | c) | Sequencing tasks, learning and content is an important function of task analysis. With the use of examples, demonstrate how this function could impact the learning of the students negatively if not performed properly. | 15 | CO4 | |

- 6 The government of Sangala has recently approved the establishment of Malware Institute, a Teacher Training College that will train fresh graduates from engineering background who wish to pursue a career in Teaching. You, along with other five (5) curriculum experts have been hired to perform “Job Analysis” and propose the content that will be used to offer a 6 months training course that leads to a certificate in teaching. With that brief background in mind, answer the following questions.
- a) Construct a task inventory consisting of ten (10) tasks relevant to the above description. 05 CO3 PO2
 - b) Using the task selection table (worksheet), distinguish five (5) tasks that must be learned at school from those that can be learned at the workplace. Demonstration how you have come up with that distinction. 20 CO4/
CO5
- 7
- a) Describe the six (6) levels of the revised Bloom’s Taxonomy in its hierarchy order. 18 CO5 PO2
 - b) “Bloom’s Taxonomy can be used for curriculum planning and creating students’ assessments”. Express your understanding of that statement. 06