

Program: B.Sc.T.E. 2-Year 3rd Semester
Semester: Winter

Date: April 9, 2025 (Wednesday)
Time: 10:00 am – 01:00 pm

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

Examination: Semester Final Examination
Course Number: Occupational Analysis Course Construction
Course Title: TVE 4111

Academic Year: 2023 - 2024
Full Marks: 150
Time: 3.00 Hours

There are 5 (five) questions. Answer them all. The symbols have their usual meaning.

1. a) Describe the following terms in relation to occupational analysis: 15
 i. Occupation,
 ii. Job,
 iii. Vocation,
 iv. Profession, and
 v. Career. CO1 PO-02
- 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) Is knowledge the same as skills? Support your answer with relevant examples. 10
 b) Dr. K. Zakhir is an experienced professor from the TVE faculty of UTHM with a rich academic and industrial experience. For this reason, he is considered by many as an expert in the TVET sector. Do you agree with that assessment? Elaborate your answer? 20 CO2 PO-02
3. a) What is task inventory? Why is task inventory important during occupational analysis? 10
 b) You have been hired to work as a curriculum expert for a new **nursing school** that will offer a **4-Year Bachelor in Nursing**. Prepare a task inventory of this program that contain at least five (5) tasks. 10 CO3 PO-02
 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. 10 CO4
4. 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 in line with the above description. 10 CO4 PO-02
 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. Demonstrate how you have come up with that distinction. 20 CO5
5. a) Describe the six (6) levels of the revised Bloom's Taxonomy in its hierarchy order. 18
 b) "Bloom's Taxonomy can be used for curriculum planning and creating students' assessments". What is your understanding of this statement? 12 CO5 PO-02