

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

Semester Final Examination

Winter Semester (2022-2023)

Course No: TVE 6113

Time: 3.00 hrs.

Course Title: Curriculum Development in TVE

Full Marks: 150

**There are 7 (seven) questions. Answer any 6 (six) including Question no. 7.**

Figures in the right margin indicate marks of the question.

- 1. a) Explain the meaning of the term 'curriculum' in light with the definition given by Wilson (1990) and Finch & Crunkilton (1999). 10
- b) Atherton (2009) sets up a model of curriculum, which works along two dimensions, and distinguishes four types of curricula. Briefly explain each of these four types of curricula with example. 15
- 2. a) When a curriculum is designed, the following design approaches are generally adopted: i. Individual Needs Approach, ii. Subject Specialization Approach, and iii. Social Demand/ Job Analysis Approach. Differentiate between the Subject Specialization Approach and Social Demand/ Job Analysis Approach of designing the curriculum. 20
- b) How does a curriculum differ from a syllabus? Explain three distinctive features of TVET curriculum compared to general education curriculum. 5
- 3. a) State different factors associated with determining curriculum content. 5
- b) 'Skills Needed by Employers' is one of the different factors associated with determining curriculum content. State the strategies/ approach usually followed for determining curriculum content and explain any one which addresses the afore mentioned factor. 20
- 4. a) Explain the term (i) Goals, (ii) General objectives and (iii) Specific objectives/ performance objectives. 10
- b) How do you specify 'specific objectives/ performance objectives'? Write 5 specific objectives from your field of specializations (ME/EEE/CSE). 15
- 5. a) Quality curriculum materials are essential for implementing curricula. State the definition of curriculum materials. Give at least five examples from each of three different categories of curriculum materials. 15
- b) Explain different factors that must be considered while selecting curriculum materials. 10
- 6. a) School-to-Work (STW) transition may be described as having three different but closely related components. What are these components? 3
- b) Competency-Based Training and Assessment (CBT&A) is one of the approaches that facilitate/ support 'School-to-work' transition. State the key features of competency. 7
- c) Explain the term 'Industry competency standards'. How are they made up of? Differentiate between elements of competency and performance/ assessment criteria. 15
- 7. a) Why do we evaluate/assess curriculum? Explain the framework for curriculum evaluation/assessment given by Finch & Crunkilton (1999). 10
- b) "The curriculum evaluation/assessment planning process is composed of: The establishment of sound assessment objectives and standards" Explain the statement. 15