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Name of the Program: PhD

Date: Friday, 12 May, 2023
Time: 10.00 am to 1.00 pm

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

Final Semester Examination
Course Number: TVE 6275
Course Title: Trends and Issues in Technical and Vocational Education

Summer Semester: 2021 - 2022
Full Marks: 150
Time: 180 minutes

There are 8 (Eight) questions. Answer 6 (three) questions. Question 2 & 8 is mandatory. The symbols have their usual meanings.

1. As a PhD student, you would like to choose a research problem in the area of improving technical and vocational education and training (TVET) in your country (African Region). While you have been taught a chapter: *TVET in the Asian Region: Issues, Concerns and Prospects*, you could be able to grasp conceptual understanding of recent issues and prospects of Asian countries. Based on this understanding identify six areas that your country's National Co-ordinating Mechanism should focus on and discuss them with country contexts. (25) (CO1)
2. While you have been taught a chapter: A Conceptual Framework for Technical and Vocational Education and Training, you came to apprehend Philosophical Underpinnings of USA's TVET system. Based on this understanding, design Philosophical Underpinnings of your country TVET system and clarify your design. (25) (CO2)
3. While you have been taught a chapter: Models and Principles for Designing Competence-based Curricula, Teaching, Learning and Assessment, you have found the *Table 25.2*: an example of a concrete competence-based learning arrangement based on the vocational core problem for animal care specialist. Following this example, Design an example of a concrete competence-based learning arrangement based on the vocational core problem for "choose one subject from the computer industry or Mechanical" following Table guideline: (25) (CO3)

Vocational core problem	:
Related practice situations (under supervision of the farmer)	:
Possible relevant learning questions	:
Corresponding possible learning activities	:

4. (a) Design a Qualification Framework of your country basing AQF or BNQF. 13
 (b) Design a professional development framework that will suit meeting the demand of 4IR skills in TVET sectors. 12 (CO3)
5. Consider, you are working as a Director (Skills) of National Skills Development Authority (NSDA) of Your Country. Visualize, due to the effect of Fourth Industrial Revolution (4IR), what kind of skilled people (existing) will lose their jobs and why? As a director what will be your plan to overcome this situation and to improve skills (competency) condition to your country. 25 CO3
6. Consider, you are working as a Director (Policy) of National Skills Development Authority (NSDA) of your country. You need to take lead formulating 'National skills development policy, 2024'. You are requested to submit the following two policy related tasks: (10+ 15) (CO3)
 (a) Formulate Vision, Mission and Objectives of skills development of your country.
 (b) Formulate policies for ensuring quality of skills development training.
7. Consider, you are working as a Director (Policy) of National Skills Development Authority (NSDA) of your country. You need to take lead formulating 'National skills development policy, 2024'. You are requested to submit the following two policy related tasks: Construct and create policies: (25) (CO3)
 (a) Improving access of the Marginalized Groups (7)
 (b) Entrepreneurship in Skills Development Training (6)
 (c) Reskilling, Up-skilling and Lifelong Learning (LLL) (6)
 (d) Recognition of Prior Learning (RPL) (6)
8. Consider, you are working as a Director (Research) of a Technical and Vocational Research Institute (TVRI) of your country (developing country). The Government of your country requested you to submit a report on "what are the possible areas of TVET research that need to be considered towards improving TVET sectors". In this report, the following issues need to be discussed: (25) (CO5)
 (i). Why do you think, the selected areas need be considered?
 (ii). What possible benefits the country may expect after conducting the research?