



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI, ABUJA**  
**FACULTY OF MANAGEMENT SCIENCES**  
**OCTOBER EXAMINATION 2019**  
**EXAM QUESTIONS**

**COURSE CODE: ENT 415**

**CREDIT UNIT: 2**

**COURSE TITLE: TECHNOLOGY ENTREPRENEURSHIP AND INTELLECTUAL PROPERTY RIGHTS TIME ALLOWED: 2 HOURS**

**Instruction: 1. Attempt question number one (1) and any other two (2)**

**2. Question number one (1) is compulsory and attracts 30 marks, while any other two questions attract 20 marks each**

**3. Present your answers to each question in a clear and orderly manner**

**Question 1**

- a. Compare any two of the Theories of entrepreneurship (Innovation and Entrepreneurship theory of Schumpeter (1934), Knowledge and Entrepreneurship Theory by Friedreich von Hayek (1945) and Opportunity and Entrepreneurship Theory by Peter Drucker (1985)) **5 marks**
- b. State in clear terms the assertions of Shinoj regarding SWOT **8 marks**
- c. List the three foremost strides which SWOT analysis involves. **3 marks**
- d. List and explain the Sources of Business Ideas. **9marks**
- e. What do you understand by the term knowledge and what is knowledge management? **15marks**

**Question 2**

State and explicitly explain the knowledge types as identified by different scholars. **20 marks**

**Question 3**

- a. Explain the Knowledge Creation Model **5 marks**
- b. Explain BA theory and the four different notions of BA theory according to the interaction in the SECI process. **5 marks**
- c. Explain the Early conceptual meaning of technology entrepreneurship which could be traced to Garud and Karnoe (2003). **5 marks**
- d. List the four major anchors that identify four components of technology entrepreneurship as given by Shane and Venkataraman (2003). **5 marks**

**Question 4**

- a. Briefly explain the four basic methods to classify measurement models for intellectual capital. **5 marks**
- b. what are the elements of intellectual capital according to Sveiby (1997), Saint Onge (1996), and Bontis (1998)? **5 marks**
- c. Explain scoreboard model as a method to classify measurement models for intellectual capital **10 marks**

**Question 5**

- a. Explain the five different types of Intellectual property Rights (IPR). **10 marks**
- b. Explain McClelland (1967; 1971) and Akinwumi (2012) definition of entrepreneurship. **10 marks**