

Roll No.

SAP ID



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Term Examination, December, 2021

Course: Law of Technology Transfer

Programme: B. Tech Energy Technology with LL..B (Hons.) CSE

Duration: 3 hours

Course Code: LLBL662

Semester: XIth

Max. Marks: 100

SECTION A

Each Question will carry 2 Marks

S. No.	Question	CO
Q.1	Passive mode of technology transfer involves partial involvement of agent. (a) True (b) False	1
Q.2	The choice of a technology transfer method should be based on: (a) technology analysis, (b) future strategy of cooperation with a company's supplier, investment resources and; (c) technical capacities of the company to implement the technology. (d) All of the above	1
Q.3	What is the full form of "OEM" in the methods of technology transfer?	1
Q.4	Name five emerging technologies in the present world:	1
Q.5	Technology transfer includes: (a) Invention (b) Innovation (c) Exploitation (d) Only A and B	1

SECTION B

Each Question will carry 5 Marks

S. No.	Question	CO
Q.1	Explain with the help of relevant example "Cost Approach" for valuation of Intellectual Property Asset?	2
Q.2	Distinguish between turnkey agreement and buyback contract?	2
Q.3	What are the disadvantages of Support contract in technology transfer?	2
Q.4	What are the goals of technology transfer?	2

SECTION C 1. Each question will carry 10 marks 2. Instruction: Write short / brief notes		
Q.1	<p>The transfer process of technology can be coupled to the general innovation process. Technology transfer is, however, not present in every step of the innovation process and we will only look at those steps where transfer is involved. In the light of the above statement explain the steps involved in the process of technology transfer.</p> <p style="text-align: center;">Or</p> <p>“Technology transfer mechanism presents the technology to the potential user” in the light of the above statement explain the most relevant mode of technology transfer? Distinguish amongst all three modes of technology transfer.</p>	3
Q.2	<p>There is a need for the transferee to be involved right from the beginning in the planning and implementation of a TT project. In the light of the above statement explain the Behrman and Wallender Model of technology transfer.</p>	3
Section D 1. Question carries 25 Marks. 2. Instruction: Write long answer.		
Q.1	<p>Rakesh, a young independent inventor, developed a 5 G network processing unit in cell-phones and embedded systems while he was still pursuing his bachelor's program in engineering. The invention particularly relates to hybrid semiconductor architecture for a processor which reduces power consumption without compromising on performance and a structure permitting high level of modularity to achieve flexibility. Realizing its business value, Rakesh approached the Royal League IP Services and, on their suggestion, based on extensive search and patent landscaping, a patent application was filed in India and later followed up with a Patent Cooperation Treaty (PCT) application to keep the opportunities for multiple national filings open. Rakesh was even advised to form a separate private corporate entity with an objective of commercializing the invention. However, it has been over a year and yet there has not been any progress made by Rakesh neither on procuring funding options for taking this venture forward, nor in commercializing the technology in any manner.</p> <p>Rakesh believes that lack of technology transfer expertise, especially given the niche background of this particular field of technology (design and manufacturing of processors), and the small size of the present business venture are perhaps the most difficult hurdles to overcome.</p> <p>What according to you are the reasons for such disappointment to such a bright innovator and also Suggest Mahesh a best model of technology transfer for diffusing his technology.</p>	4
Q. 2	<p>FINTECH Innovation's initially a hard-disk manufacture company has made a strategy to grow from an unknown Korean Computer Manufacturer into a global international player. A big step toward FINTECH internationalization was its acquisition of ASUS in 2021. The acquisition prompted the largest profits and most intense technology transfer in FINTECH history. According to an agreement ASUS has to produce mobile</p>	

<p>in India. This deal will increase sales of FINTECH in the Asian market. Due to lack of maturity and cultural differences between the Indians and Korean leaders; Japanese leaders will face a big challenge to train people and develop people. In the light of the above-mentioned situation discuss in detail the relevant mode of technology transfer.</p>	
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