

1. According to professor B. Ravi, what are the key steps involved in defining a problem with regard to biomed innovations?
 - a. The problem statement should not be vague [X]
 - b. The problem statement should not point out to a particular solution [X]
 - c. The problem statement should try to go to the root cause [X]
 - d. The problem statement should indicate to a prototype
2. Referring to the lecture 'Systemic Approach to Biomed Innovations', which of the following are a reason for a startup to fail to reach the market?
 - a. The team members are weak in terms of determination and capabilities [X]
 - b. The product-market fit was not correct[X]
 - c. The team was not able to procure enough funding [X]
 - d. The team could not use the facilities of an incubation centre
3. What are the filters that should be kept in mind while designing a biomedical device as discussed by Prof. B Ravi?
 - a. Significant market requirement [X]
 - b. Capability and feasibility of the idea[X]
 - c. Value proposition of the product[X]
 - d. Detailed design of the product
4. In the lecture 'Systematic Approach to Biomed Innovation' by professor B. Ravi, which of the following topics are discussed?
 - a. The need of novel medical devices (X)
 - b. How to develop and commercialize the medical devices(X)
 - c. Some examples of indigenous medical devices(X)
 - d. Some best practices to create your own success stories in the field of medical device innovation(X)
 - e. How to get influenced by medical devices from foreign companies
5. According to professor B. Ravi, in the four valleys of death, which transition is "not easy"?
 - a. Converting an idea into a Proof of Concept
 - b. Converting the Proof of Concept into a Prototype
 - c. Converting the Prototype into a Product (X)
 - d. Converting the Product into a viable business model
6. According to professor B. Ravi, what is the silver lining with regards to the impact of Indian industries on the global economy?
 - a. Indians are very hard working people and can overcome foreign competition
 - b. The Indian defence capabilities are very effective to defend the country in times of war
 - c. New emerging technologies are providing a fighting chance to the Indian industries to think of innovative solutions from scratch(X)
 - d. Fossil fuels are depleting at a faster rate than anticipated

7. Why was professor B. Ravi convinced that young entrepreneurs should carve a career in biomedical innovation?
- a. Because it provides an opportunity to have a great social impact (X)
 - b. Because it has already provided employment opportunities to many in other countries (X)
 - c. Because healthcare is a universal need(X)
 - d. Because there are fantastic funding avenues made available by the Government of India (X)
 - e. Because there is very little competition in this field and chances of success are high
8. According to professor B. Ravi's opinion, a good problem definition should have which of the following qualities?
- a. A desired outcome(x)
 - b. A clinical need(x)
 - c. Some target audience (x)
 - d. Satisfaction of investors
9. The flexible laparoscopic device has which of the following features in it?
- a. There is a wrist like joint at the end (x)
 - b. There are rigid links used for the ease of sanitization(x)
 - c. There is a light at the end of the device
 - d. There is a magnet at the end of the device
10. What are the advantages of being able to display a newly developed medical device in an exhibition like MEDEX organised by BETiC, IIT Bombay?
- a. The team gets valuable feedback and validation of the device from the people visiting the exhibition(x)
 - b. Distributors may approach for partnership opportunities(x)
 - c. Doctors may approach to promote and test the device (x)
 - d. The proceeds from selling the tickets of the exhibition can help fund the project