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P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belagavi)

Fifth Semester, B.E. - Electronics and Communication Engineering

Semester End Examination; Dec - 2017/Jan - 2018

Innovation Entrepreneurship and Management

Time: 3 hrs

Max. Marks: 100

Note: Answer **FIVE** full questions, selecting **ONE** full question from each unit.

UNIT - I

- 1 a. What is innovation? How creativity and research effects innovation? 10
 b. Explain the role of innovation in the Economic Growth. Explain with an example. 10
 2 a. How innovation helps to increase GDP of country? Explain. 10
 b. Explain the phases of innovation journey. 10

UNIT - II

- 3 a. Explain smart innovation grid with some example. 10
 b. List and explain various innovation skills. 10
 4 a. What is meant by patents and IP? Explain about preparing an innovation proposal. 10
 b. Explain sustaining innovation. 10

UNIT - III

- 5 a. Explain the functions of Management with relevant interrelationship drawing. 10
 b. What are the factors that determine which managerial skills are most important for jobs? 10
 6 a. Discuss briefly Max Webber's Bureaucracy. 10
 b. Explain Henry Fayal's Principles of Management. 5
 c. Explain recent trends in Management. 5

UNIT - IV

- 7 a. Define Schumpeterian innovative entrepreneur are they present in developing economics? If not why? 10
 b. Who is an entrepreneur? Bring out the differences between entrepreneur and intrapreneur. 10
 8 a. Describe how entrepreneurs are classified? Explain the types of entrepreneurs. 10
 b. Explain the scientific role that entrepreneurship has to do, with respect to economy of a country. 10

UNIT - V

- 9 a. What is meant by leasing finance? Explain advantage and disadvantage of leasing. 10
 b. Explain the difference between leasing and hire purchasing with example. 10
 10 a. Discuss support of NSIC for small scale industries. 10
 b. What do you mean by TCO's and bring out its importance with respect to developing countries? 10