

**Government College of Engineering, Amravati**  
(An Autonomous Institute of Government of Maharashtra)

**Fourth Semester B. Tech. (Civil Engineering)**

Course Code: CEU401

Course Name: Engineering Economics and Humanities

Time: 2 ½ Hrs.

Max. Marks: 60

**Instructions to Candidate**

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary and clearly state the assumptions made.
- 3) Diagrams/sketches should be given wherever necessary.
- 4) Use of logarithmic table, drawing instruments and non-programmable calculators is permitted.
- 5) Figures to the right indicate full marks.

1. Briefly explain the nature and scope of Engineering Economics and Humanity. 06
2. a) What is the process of production planning? Explain different factors of productions in brief. 08
- b) Explain any three of the following: 12
  - i) Price Discrimination under monopoly;
  - ii) Silent features of Indian Constitution;
  - iii) Impact of Science and Technology on Culture and Civilization;
  - iv) Applications of Psychology in industries.
3. a) Describe the functions of Reserve Bank of India. 08

Contd..

How central bank is different from commercial bank?

b) Describe in brief the Fundamental rights of Indian constitution. 08

4. Differentiate between: 12

- i) Direct and indirect Tax;
- ii) Perfect and Imperfect market.

5. a) Describe the different stages & characteristics of economic developments. 06

OR

b) Define Indian Patent Law? Briefly explain its applications & significance in details. 06



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**IV Semester B. Tech. (Civil Engg.)**

**Summer - 2010**

**Course Code: CE 401**

**Course Name: Economics and Humanities**

**Time: 2 hr. 30 min.**

**Max. Marks: 60**

**Instructions to Candidate**

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary and clearly state the assumptions made.
- 3) Diagrams/sketches should be given wherever necessary.
- 4) Figures to the right indicate full marks.

1. (a) Explain the function of Central Bank 4
- (b) Explain the laws of Diminishing returns with the help of a diagram. 4
- (c) State the merits of Direct Tax. 4
2. (a) Explain the objective of Economic Planning. 4

*Contd..*



- (b) What are the main characteristics of under development country. 4
- (c) Explain the concept of vicious circle of poverty. 4
3. (a) Discuss the scope and significance of economics to engineers. 6
- (b) Answer the following questions by choosing the options given below.
- 1) Single seller controls the market is called 1  
 a) Oligopoly b) Duopoly c) Monopoly  
 d) None of these
- 2) Number of firms in Perfect Competition. 1  
 a) Infinite b) Limited c) Two  
 d) None of these
- 3) Price Discrimination is possible in 1  
 a) Imperfect Competition b) Monopoly  
 c) Perfect Competition d) None of these
- 4) In Perfect Competition in long term firm will 1  
 gate only profit.  
 a) Normal profit b) Excess profit  
 c) Net profit d) None of these
- 5) In Imperfect Competition Nature of the 1  
 commodity are  
 a) Same b) Differentiated  
 c) Homogeneous d) None of these
- 6) From following Characteristics one of the 1  
 character is not a characteristics of Perfect  
 Competition.



- a) Large Number of Buyers and Sellers
- b) Free Entry and Free Exit
- c) Including transporting cost
- d) None of these

4. **Attempt any two**

- (a) Explain various salient features of Indian Constitution. 6
- (b) Explain various agencies of social control. 6
- (c) What are the functions of Prime Minister of India. 6

5. (a) Discuss the impact of science and technology on culture and civilization. 6
- (b) Explain the Fundamental Rights. 6

**OR**

(c) **Write short notes.**

- 1) Powers of the President of India 4
- 2) Community Groups. 4
- 3) Family problems. 4



**Government College of Engineering, Amravati**  
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**Fourth Semester B. Tech. (Civil Engineering)**

**Summer – 2016**

**Course Code: CEU401**

**Course Name: Engineering Economics and Humanities**

**Time: 2 Hrs. 30 Min.**

**Max. Marks: 60**

**Instructions to Candidate**

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary and clearly state the assumptions made.
- 3) Diagrams/sketches should be given wherever necessary.
- 4) Figures to the right indicate full marks.

- 1    a)    Explain the characteristics of perfect competition.    4
- b)    Explain the concept of Gross Domestic Product.    4
- c)    Discuss the scope and significance of economics to engineers.    4

**2    Attempt any Three**

- a)    State the merits of Indirect Tax.    4
- b)    Describe the concept of Auditing.    4
- c)    Explain the main characteristics of under development country.    4

*Contd.*



- d) Describe the obstacles of economics growth. 4
- 3 a) Explain the role of Reserve Bank Of India. 6
- b) Answer the following questions by choosing the options given below.
- 1) India is 1
- a) Develop country b) Under develop country
- c) Undevelop country d) None of these
- 2) Which is the period of Twelve Five Year Plan. 1
- a) Year 2012-2017 b) Year 2007-2012
- c) Year 1997-2002 d) Year 2002-2007
- 3) Reserve Bank Of India was estibilisted in the year 1
- of.
- a) 1947 b) 1935 c) 1950 d) 1940
- 4) Income Tax is called as. 1
- a) Direct Tax b) Indirect Tax c) Production Tax
- d) None of these
- 5) Who is the father of Economics? 1
- a) Marshall b) Adam Smith c) Robbins d) Ricardo
- 6) Number of firms in Monopoly is 1
- a) Two b) Many c) One d) None of these
- 4 **Attempt any Three**
- a) Discuss about Environmental Laws. 4
- b) Explain various salient features of Indian Constitution. 4
- c) Explain the benefits of Right to Education. 4
- d) Discribe the various agencies of Social Control. 4



5

**Write short notes ( Any Three )**

- |      |                                    |   |
|------|------------------------------------|---|
| ✓ 1) | Right to Information Act.          | 4 |
| ✓ 2) | Community Groups.                  | 4 |
| ✓ 3) | Fundamental Rights.                | 4 |
| 4)   | Social responsibility of businesss | 4 |



**Government College of Engineering, Amravati**  
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**Summer – 2017**

**Course Code: CEU 401**

**Course Name: Engineering Economics and Humanities**

**Time: 2 Hrs. 30 Min.**

**Max. Marks: 60**

**Instructions to Candidate**

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary and clearly state the assumptions made.
- 3) Diagrams/sketches should be given wherever necessary.
- 4) Figures to the right indicate full marks.

1. Explain the Adam Smith's definition of economics. How does economics contribute in the field of engineering and technology? **06**
2. a) Briefly explain about characteristics of factors of production? **06**  
b) Describe in detail about functions of reserve bank of India? **06**  
OR  
c) Explain the characteristics of under development economic of any country in details. **06**
3. Explain any three of the following: **18**
  - i) Functions of Commercial Banking;
  - ii) Merits and demerits of Direct and Indirect taxes;
  - iii) Impact of Science and Technology on Culture and Civilization;
  - iv) Hurdles and application of Psychology in industries.



4. a) Define tax system. Briefly explain the canon of taxation. 04
- b) Discuss the meaning and main features of imperfect competitive market situation. How is price and output determined under it? 06

OR

- c) Define environmental Law? Explain its applications & significance in details. 06
5. a) What are the different Salient features of Indian Constitution? Explain about Fundamental rights and Duties? 06
- b) Explain the current five years economic plan of India? 04
- c) Define human society. Explain in detail about elements of the society? 04