

C 5769

(2 pages)

Name.....

Reg. No.....

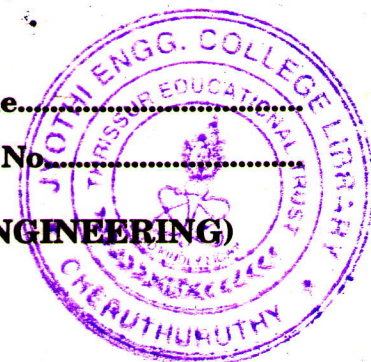
COMBINED FIRST AND SECOND SEMESTER B.TECH. (ENGINEERING)

DEGREE EXAMINATION, JUNE 2005

Humanities

EN 2K 105 – HUMANITIES

(Common to all Branches)



Time : Three Hours

Maximum : 100 Marks

Change the sentences as directed :

(a) (i) Come here and I shall help you.

(Change the compound sentence to complex sentence.)

(ii) Compliment and complement.

(Write the usage.)

(iii) We shall not eat stale food.

(Change the sentence into Passive Voice.)

(iv) (a) He acted — my advice.

(b) Hard work is the key — success.

(c) The book is lying — the table.

(d) She is fond — painting.

(Give the prepositions to fill up the sentences.)

(b) Rewrite the given sentences using noun forms of the Verbs underlined :

(1) The contents of C tasks are *discharged* by a pump.

(2) If machines are *tested* by this method, there will be some loss of power.

(3) The use of super heated steam *improves* performance.

(4) Incorporating steam jackets round the cylinder *reduces* condensation.

(c) Explain the contents of experiment report writing.

(d) Bring out the Bedney's classifications of culture.

(e) State and explain the contributions of Bronze Age to Technology.

(f) Briefly explain the communication resolution during 20th century.

(g) Narrate the importance of Machine tools and the growth of precision work.

(h) Trace out the contribution of Michael Faraday.

(8 × 5 = 40 marks)

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- II. (a) Write a letter to the Editor of a News daily expressing your views on Dowry system. (15 marks)

Or

- (b) Write an essay about 300 words on "Globalisation and it's impact on Indian Society". (15 marks)

- III. (a) You have seen a bell jar in the laboratory Haven't you ? Here is an experiment using bell-jar to find out the volumetric composition of air. You can take yellow phosphorus in a porcelain crucible. Before that, of course, I have forgotten to tell you that you should take a clean, dry porcelain crucible. Then you can take a bell jar. You can graduate a strip of paper into five equal portions and stick it vertically on the outer surface of the bell jar. You should fill the bell jar with an air-tight glass stopper. Now you can remove the stopper and cover the crucible with the bell jar. You can note down, now, the level of water in the jar and then ignite the phosphorus by touching it with hot wires. Replace the stopper immediately and observe the level of water.

- (a) You're required the information above into a laboratory report.
(b) Give the suitable title for the experiment.
(c) What are the instruments, chemicals used in the experiment ?
(d) What is the message you get from this experiment ? (15 marks)

Or

- (b) State the different types of technical report and describe their importance in this information age. (15 marks)
- IV. (a) Discuss the population impact and sustainability goals for the social system as visualised by Harmut Bossel. (15 marks)

Or

- (b) State and explain the role of ancient Indian Metallurgy with special reference to Copper Metallurgy. (15 marks)
- V. (a) Discuss the History Science and Technology in Prehistoric Age. (15 marks)

Or

- (b) Describe the contributions of Greek to Technology. (15 marks)