

Third Semester
Electronics and Instrumentation/ Second Semester
(PTDC) CME
COMMUNICATION SKILL-II

Time : Three Hours

Maximum Marks : 100

Note : All questions are compulsory unless mentioned.

1. Answer any eight of the following questions in one or two sentences each. 2 each
 - i) What is a radio-active atom?
 - ii) Why is a radar fitted in the nose of a modern transport aircraft?
 - iii) What is the basic objective of APPLE?
 - iv) Why is the outlet in a volcano like a safety valve in a boiler?
 - v) How can high intensity LASER beam be produced?
 - vi) When was the first general election held?
 - vii) What are the important organs of our government?
 - viii) Why do economic problem arise?
 - ix) What is production?
 - x) What is the aim of ethics?

2. a) Give one word for each of the following: 2 each
 - i) A black substance used in pencil
 - ii) To lose strength
 - iii) Supreme law making body
 - iv) Change proposed to a law

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- b) Fill in the blanks with the correct forms of the words in each of the following: 1 each
socialism, economy, produce, produce
- i) Bank finance the _____ activities of an entrepreneur.
 - ii) Our ultimate objective is to set up a _____ pattern of society.
 - iii) Every factor of _____ is rewarded from the national income.
 - iv) Specialisation is the latest inclusion in the _____ process.
- c) Use the conceptual words in sentences: 1 each
- i) initiative
 - ii) manufacture
 - iii) automation
 - iv) enterprise
3. Write short notes on any two of the following: 3 each
- a) Peaceful uses of atomic energy
 - b) Volcano's eruption
 - c) Adult Franchise
 - d) Mixed economy
4. What are the basic principles of radar? Also name its types. 10

OR

“Our constitution is flexible and it is strong enough to hold the country together both in peace time and war time”. Discuss.

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5. Describe technically any one of the following: 8
- Water cooler
 - Refrigerator
 - Pressure cooker
 - Road making process

6. Write a trouble report of an accident causing injury to a worker in building under construction under your charge. 10

OR

What is the necessity of writing technical reports? What are the qualities of a good report?

7. Write an application for the post of a junior engineer with resume. 10

OR

Assuming that you are interested in the purchase of d.c. motors write a letter to the manufacturer asking for necessary particulars, price and terms of business.

8. a) Distinguish between the following pairs of words: 1 each
- piece - peace
 - weight - wait
 - through - throw
 - whole - hole
- b) Rewrite the following statements and expressions substituting the numerals by their acceptable forms. 1 each
- Approximately 400 spare parts were received.
 - 20 students did not come to the class yesterday.

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- c) Fill in the blanks with appropriate prepositions. 1 each
- i) He died _____ cholera.
 - ii) Distribute these mangoes _____ Ram and Shyam.
9. a) Change the Voice: 2 each
- i) They invited me to give a talk on 'Participative management'.
 - ii) He taught me phonetics at the university
- b) Supply the correct forms of verbs: 2 each
- i) Rubber (not grow) in the cold climate
 - ii) You have already (drink) two cups of tea since the morning
 - iii) The workmen (leave) as soon as the trouble started
- c) Insert suitable determiners 1 each
- i) He is playing in _____ Tennis Tournament
 - ii) _____ Ramayana is a sacred book for the Hindus.
 - iii) I shall never forget _____ kindness you have shown me.
- d) Insert shall or will, whichever is appropriate: 1 each
- i) They _____ complete the jobs as soon as possible.
 - ii) No one _____ carry any explosives in the train carriage.
 - iii) You _____ be glad to know that your friend has now got married.

