

ANNA UNIVERSITY OF TECHNOLOGY, COIMBATORE  
B.E. / B.TECH. DEGREE EXAMINATIONS : NOV / DEC 2011  
REGULATIONS : 2008  
SECOND SEMESTER  
080020003 - TECHNICAL ENGLISH II  
(COMMON TO ALL BRANCHES)  
(FOR CANDIDATES ADMITTED FROM 2010 BATCH ONWARDS)

Time : 3 Hours

Max. Marks : 100

PART - A

(10 x 2 = 20 Marks)

ANSWER ALL QUESTIONS

1. Match the words in column A with their meanings in column B:

- |              |   |                              |
|--------------|---|------------------------------|
| a. Objective | - | the innermost part           |
| b. Augment   | - | relating to towns and cities |
| c. Core      | - | aim                          |
| d. Urban     | - | increase                     |

2. Fill in the blanks with comparative forms of adjectives given in brackets:

- a. Modern aircrafts are fitted with \_\_\_\_\_ (sophisticated) engines.  
b. Diesel costs \_\_\_\_\_ (little) than petrol.

3. Choose a suitable alternative for the underlined phrases in the following

Sentences:

a. The car conked out.

1. stopped working 2. started working 3. ran down 4. repaired

b. The meeting was called off.

1. finished 2. started 3. interrupted 4. cancelled

4. Change the following sentences as directed:

- a. The teacher returned the homework after she noticed the error. (into compound)  
b. I tried to speak Spanish and my friend tried to speak English. (into complex)

5. Punctuate the following:

- a. a thing of beauty is joy for ever is an often quoted line of keats  
b. dr. abdul kalam is called as indias missile man

6. Give the American equivalents for the following words:

- a. Holiday  
b. Football  
c. Autumn  
d. Biscuit

7. Correct the mistakes in the following sentences:

- a. Each of the workers here are not sincere.  
b. They have bought new furnitures for the college.

8. Use 'Should' form for the following imperative sentences:

- a. Handle the glass apparatus with care.  
b. Keep the computers away from the magnetic parts.

9. Write the suitable prefixes for the following words:

- a. Lateral  
b. Active

10. Describe the process of preparing 'Noodles.'

PART - B

(5 x 16 = 80 Marks)

ANSWER ALL QUESTIONS

- 11.(a) Read the text about information theft and choose the best word to fill each gap from the list of words given immediately after passage.

The idea of (1) \_\_\_\_\_ information through side channels is far older than the personal computer. In World War I the (2) \_\_\_\_\_ corpse of the warring nations were able to (3) \_\_\_\_\_ on one another's battle orders because field telephones of the day had just one wire and used the earth to carry the return current.

Spies connected (4) \_\_\_\_\_ the ground to amplifiers and picked up the conversations. In the 1960s American Military Scientists begun (5) \_\_\_\_\_ the radio waves given off by computer monitors and launched a program, code-named "Tempest" to develop shielding (6) \_\_\_\_\_ that are used to this day in sensitive government and banking computer systems. Without Tempest

shielding, the image being scanned line by (7) \_\_\_\_\_ on to the screen of a standard Cathode-ray tube monitor can be reconstructed from a (8) \_\_\_\_\_ room or even an (9) \_\_\_\_\_ building by tuning into the monitor's radio transmissions. Many people (10) \_\_\_\_\_ that the growing popularity of flat panel displays would make Tempest problems (11) \_\_\_\_\_ because flat panels use low voltages and do not scan images one line at a time. But in 2003 Markus G.Kuhn, a Computer Scientist at the University of Cambridge computer laboratory (12) \_\_\_\_\_ that even flat panel monitors, those built into laptops (13) \_\_\_\_\_ digital signals from their radio cables, emissions can be picked up and (14) \_\_\_\_\_ from many meters away. The monitor (15) \_\_\_\_\_ its image 60 times or more each second, averaging out the common parts of the pattern leaves just the changing pixels-and a (16) \_\_\_\_\_ copy of whatever the target display is showing.

List of Words:

Readable, stealing, refreshes, intelligence, decoded, demonstrated, studying, line, rods, techniques, adjacent, obsolete, assumed, radiate, eavesdrop, nearby.

(OR)

11. (b) Read the following passage and make notes on it :

Most robots of today consist of little more than a mechanical arm and a computer memory . Thememory allows the arm to repeat a simple motion like moving a part from one work-bench to another, because its memory can store a collection of such motions, the robot can switch quickly from one simple task to another. It will not complain of boredom, balk at job demarcation lines, take a tea-break or go sick.

This faithful servant is also a stupid one. It has no problem-solving "intelligence". A robot is less capable than a man groping in the dark. At least a man can tell by touch if he merely bumps into something.

Although robots are gradually gaining more senses and more "brains", today's growth in robotics has come about largely because industry has learnt how to accommodate these mindless, mechanical workers. The automobile industry, which employs some 60 percent of the world's 20,000 robots, has been leading the way to applications. That should be no surprise. Assembly-line production is repeated with the sort of simple, repetitive jobs that robots can do so well. Robots are being put to work loading and unloading conveyors, welding car bodies together and spray-painting the finished product. Parts of a car have long been carried to human workers on conveyor belts. It takes only a bit of careful engineering to ensure that the parts sent along to robots are presented in precisely the same position each time. Given that accommodation to their senses, robots can boost productivity with their untiring speed, and boost quality with their mindless ability to do the same job in exactly the same way every time.

Even smaller manufacturers are finding places for robots in their factories. Some are simply using robots to perform tasks like loading and unloading moulds and presses, which are similar to the jobs, robots do in assembly-line plants.

- 12.(a) **Read the following advertisement and write a letter of application for the post advertised, enclosing your resume in the proper form.**

Dalal Mott MacDonald, a part of MM Group of U.K. requires in-line experienced personnel in the disciplines of Chemical / Mechanical / Civil / Instrumentation / Electrical / Computer Science / Electronics Engineering for executing major projects in Chennai City. Candidates must have minimum 5-8 years of experience in the relevant branch and also completed projects. Apply within 10 days to HRD in-charge, 21 Abdul Razak Road, Saidapet, Chennai-600 015 with salary drawn and salary expected details.

(OR)

- 12.(b).Write a letter of complaint to the Editor of a popular Newspaper about the problem of increasing air pollution in Chennai City and also suggest remedial measures to tackle the problem.

- 13.(a). Compare and contrast the **Television** and **Newspaper**, in two paragraphs.

(OR)

- 13.(b) You are the Works Manager in Industrial Gases Limited where LPG Cylinders are filled for utilization by the customers. Write a report to the Chairman of the company about an accident that happened in the LPG filling section in which five workers were seriously injured. Suggest remedial measures also to avert such happenings in future.

- 14(a) Assume that you have bought an expensive laptop. Your friends also want to use the laptop. Prepare a set of eight instructions for them to use the laptop carefully.

(OR)

- 14(b) Write a set of eight important recommendations to a group of students from Europe who have come to spend their one month vacation in India. The suggestions may be on the lines of food, travel, transport, climatic conditions, etc. to make their stay comfortable and enjoyable.

- 15 (a) Describe in two paragraphs the advantages and disadvantages of nuclear power as an alternative source of energy in about 200 words.

(OR)

- 15(b) Discuss the structure of a general format proposal.

\*\*\*\*\*THE END\*\*\*\*\*