Seat No.: ____

Enrolment No.___

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA - 1'ST / 2'ND SEMESTER-EXAMINATION -JUNE/JULY- 2012

Subject code: 310015

Subject Name: Communication Skills

Date: 20/06/2012

Time: 10.30 am – 01.00 pm Total Marks: 70

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.
- 4. English version is considered to be Authentic

Q.1	Answer the following questions in two or three sentences.	14	
(i)	Why do some of the routine factory accidents take place?		
(ii)	What is a robot? What tasks can it perform?		
(iii)	How did the astrologer drive Guru Nayak away?		
	Why was Rene booed by the spectators?		
(v)	How do scientists get their special words? Which two special words do they use for 'hole'?		
(vi)	Who saw Rip Van Winkle when he woke up from his century old sleep? What did Rip Van Winkle ask him?		
(vii)	How can sensor cameras in space help us?		
Q.2(a)	Answer the following questions in one or two sentences.	07	
	How can an idea be changed in to reality?		
	Who invented a sound wave camera?		
~ /	What is cinema called in South Africa?		
· · ·	What can an entrepreneur use as guideline in arriving at decisions?		
	What does a system supervisor in a robot do?		
	What was Behrman's ambition?		
(vii)	Why were steam locomotives denounced by the Church?		
Q.2(b)	Write a short note on : Character – sketch of Johnsy OR	07	
0 0 (1)		07	
Q.2(b)	Write a short note on : Repeatability of a robot	07	
Q.3(a)	Write a conversation between two friends about their hobbies.	07	
Q.3(b)	Fill in the blanks by choosing the proper verb given in the brackets.	07	
(i)	Apple pie and custard my favorite dish. (is, are)		
(ii)	One of my friends in America. [live, lives]		
(iii)	Neither the workers nor the manager their work seriously. [take, takes]		
(iv)	My father and I shocked to hear the news. [was, were]		
(v)	There many temples of Buddha in North India. [is, are]		
(vi)	Alibaba and forty thieves an interesting story. [is, are]		
(vii)	Each of the machines been repaired and oiled. [have, has]		
OR			

Q.3(a) Develop a dialogue between two friends about their plans during summer vacation. 07

Q.3(b) (i) (ii) (iii) (iv) (v) (vi) (vi)	 Fill in the blanks by using proper forms of verbs given in the brackets. My wife went to see her parents last night and she yet. [not return] My father bath with cold water every day. [take] My master will see you after a while. He his dinner now. [have] Ashaben for half an hour. [cry] They the house before we arrived. [leave] They me to give a talk on participative management. [invite] When you return from England, I my graduation. [complete] 	07
Q.4(a)	Insert suitable determiners.	05
(i)	How coins do you have in your pocket?	
(ii)	You do not look like university student.	
(iii)	My car cannot go any further. There is petrol in the tank.	
(iv)	people would accept that job as it is very dangerous.	
(v)	Can I find doctor around here.	
Q.4(b)	Fill in the blanks by using correct modal auxiliaries to bring out the meaning as suggested in the brackets.	05
(i)	we turn off the radio for a while? [suggestion]	
(ii)	No student leave the college until the programme is over. [prohibition]	
(iii)	It is very cold today. You put on your jacket. [necessity]	
(iv)	I enter your room at night? [permission]	
(v)	Sachin is injured. He miss the next match. [possibility]	
$\mathbf{O}(\mathbf{A}(\mathbf{z}))$	Give one word for the following	04
Q.4(c) (i)	Give one word for the following. One who undergoes death for some noble cause.	04
(i) (ii)	A method of taking pictures without using a lens.	
(ii) (iii)	A set of instructions that a computer uses in order to perform a particular operation.	
(iii) (iv)	Persons born about the same time and therefore about the same age.	
(17)	OR	
O.4 (a)	Rewrite the following sentences in the Passive Voice.	05
(i)	They built tanks to store fuel.	
(ii)	They are loading the trucks now.	
(iii)	The Government will give up the project to build the road.	
(iv)	My father inspired me to start business.	
(v)	The manager can submit the report after he has collected all the information.	
	Fill in the blanks with appropriate prepositions.	05
(i)	People generally visit hill stations summer.	
(ii)	It is very easy to find my house. It is the bank and the college. It is difficult to ride a bicycle wind.	
(iii)	Please, do not sit the back of the class.	
(iv)	The police rushed the place of the crash.	
(v)	The ponce rushed the place of the clush.	
Q.4(c)	Fill in the blank with correct form of the following words. (injured, location, tropics, enterprise)	04
(i)	Most areas have rainy and dry seasons.	
(i) (ii)	You are no longer the captain that once you used to be.	
(iii)	For a business to flourish, it must be at a good place.	
(iv)	The worker sustained an in his head due to carelessness.	

Q.5(a) Read the following passage and answer the questions given below it.

The design of a new motor car is the result of team-work. Engineers and Artists both work together. Broadly speaking, the engineers design the engine, the drive from engine to the wheels [the transmission] and the hidden structures which support these items. The artists or stylists as they are known in the motor industry, decide the overall shapes and interior layout in addition to colour schemes and chrome decorations.

The decision to start work on a new model is made by the directors, who also decide certain overall details which are published in a secret document called a specification. This states the car's size, speed and performance, the type and the location of the engine and other basic details. The specification is passed on to the engineers and stylists who work in a well-guarded office where security is as strict as in a military camp.

After a few months' work, scale models are made according to the drawings. At this stage, the models change shape frequently-perhaps for future fashion trends or for a technical reason. These scale models are often tested in a wind-tunnel to check the flow of the air over the body.

Questions

- [i] Where do the engineers and the artists work?
- [ii] Why are the scale models tested?
- [iii] What do the stylists decide?
- [iv] What is a specification?
- [v] Why do scale models change shape frequently?
- [vi] What is the responsibility of the engineers in the design of a new model of a motor car?
- [vii] Write a suitable title for the passage.

Q.5(b) Summarize the above passage to one third of its length and give a suitable title to it. 07 OR

Q.5(a) Use the following words or phrases in your own sentences.

- as a matter of fact (ii) look at (iv)
 - (iv) peer into

(vi)

lack of

contribute to

- give off
- (vii) trade mark

Q.5(b) Do as directed.

(i)

(iii)

(v)

- (i) The engineers were rewarded for their excellent work. They constructed the bridge. (Connect the sentences using 'who')
- (ii) Everything moves if it is pulled or pushed. (Use 'unless')
- (iii) The book is very expensive but I shall buy it. (Use 'though')
- (iv) He has decided to go America to specialize in glass technology. (Use 'so that')
- (\mathbf{v}) As the workers were on strike, the factory was close. (Use 'because')
- (vi) He had a lot of money. He did not know what to do with it. (Connect the sentences
- (vii) using 'such that')They had no lamps in their houses. The streets were not illuminated either. (Connect the sentences using 'nor')

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