University of Rajshahi

Department of Computer Science and Engineering
B. Sc. (Engg.) Part-I Odd Semester Exam - 2014
Course: ENG 1111 (Technical and Communicative English)
Full Marks: 35
Time: 2 Hours [N.B.: Answer all questions. Marks for each question are shown on the right side margin.]

Section A

1.	b) Female co C) His failur d) The poor e) He f) He took h	in English. Jucation is a nowadays. re shocked his parents want from the rich. _ his bad habit. istory logic. d save something against	5
2.	c) Fill in the i) Mother vis ii) It was rai iii) I shall le iv) Everythin v) They ran	y types of prepositions are there? Give the list. mpound preposition. gaps with appropriate preposition (Any five): sited Cox's Bazar 1988. ning cats and dogs night. ave Dhaka Saturday next. ng I do, I do it you. the thief. he bag the wall. time.	3 2 5
3.	Choose the b	pest meaning for the phrases from the options below:	2.5
	i)	in seventh heaven A utterly discontented B extremely happy C amazingly dreamy D very imaginative	
	ii)	had passed with flying colors A had excelled in Art B had mediocre grades C had just scraped through D had done very well	
	iii)	the apple of his eye A his beloved wife B his family members C his favorite child D his many possessions	

Section B

4. Read the following passage carefully and answer the questions that follow:

7.5

Gorilla is the largest of the great apes. A large male gorilla living in the wild may weigh 204 kilograms. Standing up on its legs, it may be about 6 ft tall. Females usually weigh 91 kilograms and are shorter than males. Gorillas live in the rain forests of Central Africa. They are unaggressive creatures living in family groups led by a big male. Each group wanders in its own home range. During the day gorillas rarely travel much more than one kilometer because the leaves and shoots that they eat are plentiful in the forests where they live.

A gorilla's day starts at dawn at about 6 a.m. when the party wakes and searches for food. From about 10 a.m. until 2 p.m. they rest. When the adults rest, younger apes wrestle with each other, play games and swing back and forth on vines. After this, the party travels through the forest again looking for more food until dusk i.e. about 6 p.m.

Gorillas are always on the move and never spend more than one night in the same place. They sleep in nests made of branches which they break or bend to make a crude platform either on the ground or in trees. Adult gorillas build their own nests while baby gorillas snuggle in with their mothers. A new nest is made every day. Because of hunting, destruction of rainforests and human wars that affect gorilla habitat, gorillas are now very rare. There are less than 400 gorillas left in the wild.

- (a) Why do gorillas make new nests every day?
- (b) For which reasons Gorillas have become rare?
- (c) Which two things in the passage indicate that gorilla is the largest of the great apes.
- (d) What do the baby gorillas do while adults rest?
- (e) What do gorillas do from 6 a.m. in the morning till 2 O'clock in the afternoon?
- 5. Write a paragraph on any one of the following:

5

- (3) (b) A typical day with your family.
- (b) (c) Why are soap operas so popular?
- (d) Things you hate that people do.
- 6. Write an application to the registrar of a university applying for the post of a lecturer in Computer Science.

5

Or.

Write a letter to the CEO of any company regarding a new business proposal.

University of Rajshahi
Department of Computer Science and Engineering

a) Aditi lulled her son to sleep.

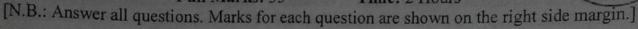
b) The bank teller counted the money at the end of the day.

c) Soheli started the campfire with a couple of sticks.

B. Sc. (Engg.) Part-I Odd Semester Exam - 2015

Course: ENG 1111 (Technical English)

Full Marks: 35 Time: 2 Hours



Section A

1	. (a) Define modal auxiliaries.	2
	(b) Complete the following sentences using the correct modals. Use negative where necessary (any five):	5
	He walked fast lest he miss the train. How he say so? iii). You drive smoothly on a wide road. iv). How he get there? v). A student wear school uniform. vi). Whose pen is this? It belong to Rubi. vii). It was dark, I say anything.	
2.	Write sentences using the following Idioms and Phrases (any five):	5
	a) A far cry. b) Acid test. c) Book worm. d) Gala day e) For the sake of. f) Heart and hand. g) Live on.	
3.	Complete the text adding the suffixes, prefixes or the both with the root words given in the parenthesis:	2.5
	The (a) <u>liberate</u> war of Bangladesh is a memorable event in our (b) <u>nation</u> life. Bangladesh achieved her (c) <u>independent</u> through sacrifice and blood-shed. On the night of March 25, 1971, the Pakistan army fell upon the (d) <u>armed</u> sleeping Bangladeshis. But the Bangladeshis were not cowards. They built up strong resistance against the (e) <u>occupy</u> forces.	
	Change the following sentences into Passive voice:	3

5. Read the following passage carefully and answer the questions that follow:

The cute and adorable Giant Panda is universally loved, and of course has a special significance for World Wildlife Fund (WWF) as it has been the organization's symbol since it was formed in 1961.

Many scientists classify the Giant Panda as a raccoon, rather than a bear. The Giant Panda's forepaw is different from that of the other bears as it has an elongated wrist bone that provides a sixth finger, giving the panda the ability to grasp bamboo stems, its main food.

Giant Pandas live in dense bamboo and coniferous forests at altitudes of 5000 to 10000 feet in Central and Western China. The mountains are shrouded in heavy clouds with torrential rain or dense mist throughout the year. Pandas do not hibernate but often relocate to lower altitudes in winter and spring.

Today, the Giant Panda's future remains uncertain. The latest survey revealed that there are about 1600 of them left in the wild. The main threat to the survival of the pandas is the destruction of their habitat. Cattle, sheep and goats graze on emerging bamboo seedlings and this prevents the regeneration of the bamboo forest. Apart from that the hooves of these animals loosen the thin mountain soil, making it difficult for the bamboo to grow.

In the last thirty years, Sichuan has lost some 30% of its forests, and more than half of the natural forest vegetation has been destroyed or disturbed so badly that it no longer provides a suitable panda habitat. Giant Pandas are also victims of poaching as their dense fur carries a high price in illegal markets in the Far East. Added to this, are the panda's poor reproductive rate and the low survival rate of the infants. The Giant Panda will become extinct in the next century unless steps are taken to protect its habitat.

- (a) What was the symbol of the organization WWF in 1961?
- (b) How is a Panda different from bear?
- (c) Why do you think the Giant Pandas move to lower altitudes during winter and spring?
- (d) Explain in your own words how the natural habitat of the Giant Panda is being destroyed by grazing animals.
- (e) Why the Giant Pandas are illegally hunted?
- 6. Write a paragraph on any one of the following:
 - (a) Leaving home for the first time.
 - (b) Your favorite fictional character.
 - (c) Negative effects of cell phones on society.
- 7. Write a letter to your landlord asking him or her to fix a problem in your apartment. 5 Explain the problem you are having in detail.

Or

Write a letter to your friend about how you have spent your summer vacation.

University of Rajshahi Department of Computer Science and Engineering B.Sc. Engg. Part-1 Odd Semester, Examination-2016 Course: ENG-1111 (Technical and Communicative English)

Time: 2 Hours

Full Marks: 35

Answer four questions taking any two questions from each section

SECTION: A

1	a)	Frame two sentences using the modal auxiliaries "May" and "Can", both of the sentences will have the	3.7
		meaning of permission.	
	b)	Complete the following sentences with appropriate models. Use negative where necessary (any five) (i). He worked hard so that he shine in life.	5
		(ii). He come because he was sick.	
		(iii)you prefer tea?	
		(iv). Abir is educated. He read and write.	
		(v). Good health is a to lead a happy life. (vi). I hoped I succeed.	
		(vi). He rather die than beg.	
		(vii). 110 lattici die tilali beg.	
2	a)	Write sentences using the following idioms and phrases (any five).	5
		(i). A bad egg.	
		(ii). Bad book.	
		(iii). Call to account.	
		(iv). Cut and dried.	
		(v). Eye to eye. (vi). Get rid of.	
	h)	Define suffix and prefix.	0.75
	c)	Add suffix with the root/base words to make a new word (any three).	0.75
	-/	(i). Amuse.	3
		(ii). Conquer.	
		(iii). Abolish.	
		(iv). Subrest.	
	a)	Complete the passage by selecting the word(s) that best fit the context of the passage:	5.75
		Plants grow almost everywhere on our planet. Plants need the same things to live. The four things plants	
		need are (food, shelter, water and sunlight/ light, water, air and soil/ a pot, watering can, a shovel and	
		seeds). The (roots/ stem/ leaves/ flower) are underground. This is the part of the plant that takes in	
		(sunlight/ water and nutrients/ leaves/ stems) from the soil. The (roots/ stem/ leaves/ flower) connects	
		the roots with the leaves. The trunk of a tree is a good example of this part of a plant. This part carries	
		(sunlight/ water and nutrients/ soil) from the roots to other parts of the plant. The (roots/ stem/ leaves/	
		flower) are the parts of the plant that grow out of the stem. They take in (soil/ flower/ nutrients and	
		light).	
	b)	Change the following sentences to Passive voice.	

(i). Arisha generously donated money to the homeless shelter.(ii). The winning team will celebrate their victory tomorrow.(iii). The cleaning crew vacuums and dusts the office every night.

Read the following passage carefully and answer the questions that follow:

8.75

When you hear the words waves and currents, your brain might immediately make you think about the ocean, or at least some form of water. That's natural, since that is probably what you have experienced the most in connection to those two words. But waves and currents can be talking about energy as well. Energy travels in waves, and electric current is the constant flow of electric energy.

A wave, whether it is in the ocean, on land, or in the air, is simply the movement that takes energy from one place to another. Many kinds of energy travel in waves. Light, sound, and mechanical energy all travel in waves. Sound waves, for example, are produced by the vibration of particles. Plucking a string on a guitar or violin makes the air around the string move back and forth.

A wave can be measured based on a comparison of its highest point (crest) and lowest point (trough). The distances between troughs and the distance between crests are called wavelengths. You can use a timer to see how many crests happen in a certain amount of time, and that will tell you the frequency of a wave.

The constant flow of charged particles is an electric current. Negatively charged particles move toward positively charged particles. Electric current needs an unbroken path, or circuit. A circuit is made of wires, an energy source and something that requires energy. Then the current can flow!

- (a) What is a wave? How are ocean waves and sound waves similar?
- (b) What is a trough? How is it different than a crest?
- (c) How can you measure the frequency of a wave?
- (d) What is the name for the flow of charged particles?
- 5 a) Write a paragraph on any one of the following:
 - (i). Internet.
 - (ii). Bangla noboborsho.
 - (iii). Cyber crime.
 - b) Write an application to your chairman for some supporting fund for your study tour.
 - (a) Write a "short report" on 3D model as an assignment of engineering drawing lab.
 - (b) Write a letter to your mother describing her your newly admitted educational institution.

4.75

4.75

University of Rajshahi Department of Computer Science and Engineering

B.Sc. Engg. Part-IOdd Semester 2017 Course: ENG1111 (Technical and Communicative English)

Time: 2 Hrs.

Full Marks: 35

[N.B. Answer Four (04) questions taking at least Two (02) from each Section.]

Section A

1. (a)	Complete the following conditional sentences (any three): i) If they had a computer, ii), I will never forget your contribution. iii), she could endure this pressure.	
(b) (c)	iv) If you had been an expert, How many diphthongs are there in English language? What are they? Transcribe phonetically the following words (any four): i) Watch	1.7
	ii) Complain iii) Paper iv) Fight v) Backspace	
	vi) English	
2. (a)	Use appropriate modal auxiliaries, according to the instructions in brackets, to complete the following sentences; use negative where necessary (any three): i) The students go to that symposium. (Indicate absence of obligation) ii) I ask you that the specifications of that phone? (Indicate hesitation)	3
	iii) You have worked extremely hard so you expect a good result. (Indicate a logical possibility) iv) Beginners make mistakes. (Indicate inevitability)	
(b)	v) If you fail, you will have to retake the course. (Indicate a hypothetical situation) Define simple subject and compound predicate with examples.	1.75
(c)	Write sentences using the following idioms and phrases (any four):	4
	i) Take a fancy to	
	ii) Null and void	
	iii) By dint of iv) Caught red handed	
	v) In a fix	
	vi) Keep in the dark	
	Form wh-questions, for the following sentences, the answers of which should be the underlined words	2
3. (a)	(any two):	
	i) Our instructor is learning German.	
	ii) This is his shirt.	
	iii) I saw Jane in the room.	
	iv) Stephen went there running.	0.75
(b)	What are yes/no questions? Respond to the following questions:	4
(c)	i) What do you understand by technical and communicative English?	
	What is the significance of Independence Day in your life?	
	way a tip difference between discovery and invention?	
	iv) How can you contribute to the betterment of human civilization with the knowledge of computer	
(4)	science and engineering? Change the following words as directed (any two):	2
(d)	i) Creative (change it into a noun)	
	ii) Enjoy (change it into an adjective)	
	iii) Large (change it into a verb)	
	iv) Teach (change it into a noun)	

Section B

4. Read the passage carefully and answer the following questions:

8.75

Cloud computing means storing and accessing data and programs over the Internet instead of your computer's hard drive. It involves computing over a network, where a program or application may run on many connected computers at the same time.

For some, cloud computing is a metaphor for the Internet. It typically uses connected hardware machines called servers. Individual users can use the server's processing power to run an application, store data, or perform any other computing task. Thus, instead of using a personal computer everytime to run the application, the individual can now rum the application from anywhere in the world.

For businesses, cloud computing is an ideal way to reduce expenses. For example, companies may buy services in the cloud. That is to say, instead of installing applications on every single computer in the computer in the company, cloud computing would allow workers to log into a Web-based service (a cloud) which hosts all the programs individual users would need for their job. Everything would run on remote machines and local computers' task would rely just on connecting to those machines.

While cloud computing, could change the entire computer industry, there are still some concerns about security of the data stored on the remote machines. It is true that it promises to offload many tasks. However, this technology raises a fundamental question. Is it safe to store one's data on someone else's computer? The cloud service provider needs to establish clear and relevant policies that describe how the data of each cloud user will be accessed and used. Cloud service users should also be able to encrypt data that is processed or stored within the cloud to prevent unauthorized access.

(a) How cloud computing is a metaphor for the Internet?

- (b) What are the functions of the local computers in cloud computing?
- (c) How cloud computing is able to reduce expenses?
- (d) Discuss the negative impacts of cloud computing.
- 5. (a) Write a contrast paragraph on "Desktops and Laptops".

Or,

Write a listing paragraph on "Duties of a Responsible Citizen".

(b) Write a memo as the Chief Executive Officer of Newgen Technology Limited to all the employees 4.75 informing them that their salaries have been increased.

6. (a) Write a letter to the editor of a newspaper commenting on terrorism and its impact.

(b) The prices of essential commodities are increasing day by day. As a student, you are concerned about 4.75 this common phenomenon. Now write a report on this.

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University of Rajshahi

Department of Computer Science and Engineering

B.Sc. Eng. Part-1, Odd Semester Exam-2018 ENG 1111 (Technical and Communicative English)

Time: 2 Hours. Full Marks: 35
[N.B. Answer any three questions from each part.]

	c) Change the C. H.	
1.	a) Change the following sentences as directed (any four): i) I had a supervisor who was very kind. (Make a simple sentence) ii) He washed his car. It still looked dirty. (Make a compound sentence) iii) Dean, being an honest officer, spoke the truth. (Make a compound sentence) iv) It is obvious that he is going to be late. (Make two simple sentences) v) Tell me your real name. (Make a complex sentence) b) Use appropriate modals, according to the instructions in brackets. Use negatives where necessary (any four):	4
	 i) You note down what I say. (Indicate no obligation) ii) Johnson meet my father every afternoon. (Indicate a regular occurrence of past) iii) The students be waiting for results. (Indicate a guess about a present situation) iv) Students who failed retake the test. (Indicate permission) v) The wrestler beat his opponent. (Indicate a lack of ability) 	
	c) Define independent clause with an example.	0.75
2.	a) Complete the following conditional sentences (any three): i) If my application is accepted, ii), she would have been very happy. iii) If Harold was so thirsty, iv), the company will not survive. v) If the earthquake had not occurred,	3
	 b) Form wh-questions, for the following sentences, the answers of which should be the underlined words (any two): i) Europeans are against this war. ii) Shane went to Africa for vacation. iii) The new officer types very slowly. Iv) I may complete my degree in 2024. 	2
)وځ خ	c) Change the following words as directed (any three): i) Compute (change into a noun) ii) Beauty (change into a verb) iii) Friend (change into an adjective) iv) Broad (change into a verb) v) Accurate (change into an adverb) d) Define complete subject with an example.	0.75
3.	 a) Make meaningful sentences using the following idioms and phrases (any four): i. Make out ii) Out of the question iii) All in all iv) Now and again v) Pross and cons. b) Rewrite the following sentences with necessary corrections: i. She looks forward to visit the book fair. ii. Moni visited the campus with a view to enjoy the lush greenery of it. iii. Henrik Ibsen is considered as one of the remarkable dramatist of twentieth century. iv. Our teachers insisted we should visit the central library. 	4
	c) Define object complement with an example.	0.75

Section-B

4. Read the following passage and answer the questions below it: -

The origin of the first computer virus is hotly debated. For some, the first instance of a computer virus --- software that moves from host to host without the input from an active user --- was Creeper, which first appeared in the early 1970s, 10 years before the actual term 'computer virus' was coined by American computer scientist Professor Leonard M. Adleman. Creeper ran on the Tenex operating system and jumped from one system to another, displaying a message of "I'M THE CREEPER: CATCH ME IF YOU CAN!" on infected machines, before transferring itself to another machine. For the most part, when it found a new machine, it removed itself from the previous computer. So it was not capable of spreading to multiple computers at once. While Creeper was not created for malicious purposes, beyond causing mild annoyance, it was arguably the first example of a software operating in this way.

Alternatively, some believe the title of the first computer virus should go to one called Brain, because unlike Creeper, it could self-replicate itself without the need to remove itself from a previous system first, something many forms of malicious code now do.

The Morris Worm holds the notorious distinction of the first computer worm to gain mainstream media attention. Within hours of being connected to the early internet, it had infected thousands of computers. The damage of the lost productivity estimated to have cost between \$100,000 and \$10,000,000. Like Brain and Creeper before it, the Morris worm is not classed as malware, because it is another example of an experiment gone wrong. The software was designed to try to find out the size of the burgeoning internet with a series of scans in 1988, but mistakes in the code led to its running unintended denial of service operations, sometimes multiple times on the same machine, rendering some computers so slow that they became useless.

ame a) b)	machine, rendering some computers so slow that they became useless. When did Creeper appear first? What was the first computer worm to attract mainstream media attention?	1 1 2
c) d)	In which decade was the term 'computer virus' coined? According to the last paragraph, what is a common characteristic of Creeper,	2
e)	Brain and the Morris Worm? Suggest a suitable title for the passage and justify it.	2.75
	rite a paragraph on any one of the following: Your Favorite Book	5
ii. U	University Education.	

 a) Write a job application for the position of the Chief Technological Consultant of Longman Computers to its Managing Director.

b) Prepare a CV for the post of a lecturer.

b) Suppose that you are a staff correspondent working for *The Daily Star*. You have recently visited a national programming contest in Dhaka where students from various universities participated. Now write a news report on it.

University of Rajshahi

Department of Computer Science and Engineering

B.Sc. in Engineering1st Year 1st Semester Examination-2019 Course: **ENG 1111**[Technical and Communication English]

Marks: 35 [Answer any four (04) questions taking two (02) from each section.]

Time: Hours

Section-A

1.01	Define three kinds of predicate with examples.	0.75
b)	Complete the following conditional sentences (any four):	4
	i) You would have gotten wet	
	ii) I would have been happy	
	iii) If I had worked harder .	
	iv) I would have baked a cake.	
	v), I would have written to you.	
c)	Change the following words as directed (any four):	4
	i) Proper (change it into an adverb)	
	ii) Peril (change it into an adjective)	
	iii) Soothe (change it into an adjective)	
	iv) Assertion (change it into a verb)	
	v) Pilferage (change it into a verb)	
l.at	Define compound-complex sentences with an example.	1.75
10	Make sentences according to the following structures (any four):	4
	Subject + intransitive verb + adjunct	
	Subject + passive verb	
	Subject + transitive verb + indirect object + direct object + adjunct	
	Subject + transitive verb + direct object	
	v) Subject + linking verb + complement + adjunct	
SY	Make sentences with the following idioms (any three):	3
	i) An inside job	
	ii) In a fix	
-	流) Sine die	
	iv) Throw cold water	
9	Define subordinate clauses with an example.	1.75
b)	Use appropriate modals, according to the instructions in brackets, to complete the following	4
	sentences; use negatives where necessary (any four):	
	i) It be raining in Sylhet now. (Indicate a guess)	
	ii) As the team has worked hard, it expect success. (Indicate a logical possibility)	
	iii) The food is so tasty that I lick my fingers while eating. (Indicate an unrealistic action)	
	iv) You reach the station early. (Indicate an obligation)	
	v) She said that she leave then. (Indicate future in a past event)	
1	Form wh-questions, for the following sentences, the answers of which should be the	3
	underlined words (any three):	
	Farjana went to Australia in 2018.	
	The professor's laptop was stolen.	
	The team members admire the captain.	
	iv) He forgot his name.	

4.a)

Read the passage and answer the following questions:

An Oxford professor who has studied existential threats ranging from nuclear war to superbugs says the biggest danger of all may be "superintelligence". It is any intellect that outperforms human intellect in every field, and Nick Bostrom thinks its most likely form will be a machine -- artificial intelligence (AI).

There are two ways artificial intelligence could go, Bostrom argues. It could greatly improve our lives and solve the world's problems, such as disease, hunger and even pain. Or, it could take over and possibly kill all or many humans. As it stands, the catastrophic scenario is more likely, according to Bostrom, who has a background in physics, computational neuroscience and mathematical logic.

"Superintelligence" could overcome extremely powerful and be able to shape the future according to its preferences, "Bostrom told me." If humanity was sane and had our act together globally, the sensible course of action would be to postpone development of superintelligence until we figure out how to do so safely."

Bostrom, the founding director of Oxford's Future of Humanity Institute, lays out his concerns in his new book, Supeintelligence: Paths, Dangers, Strategies. His book makes a harrowing comparison between the fate of horses and humans.

Horses were initially complemented by carriages and ploughs, which greatly increased the horse's productivity. Later, horses were substituted for by automobiles and tractors. When horse became obsolete as a source of labor, many were sold off to meath

	into dog food, bone meal, leather, and glue. In the United States, there were about 26 million horses in 1915. By the early 1950s, 2 million remained. The same dark outcome, Bostrom said could happen to humans once AI makes our labor and intelligence obsolete.	n
	i) What is "superintelligence"?	1
	ii) According to Bostrom, in which two ways can AI impact our lives? iii) What is the name Bostrom's new book?	1
	iv) With which animal does Bostrom compare the possible fate of humans? v) Under what condition can human beings continue to develop AI, according to	2
	Bostrom? vi) Suggests a suitable title for the passage and justify the title.	2.75
5.2	Write a letter to the editor of The Daily Star calling attention to the declining standard of English among the students today.	4
ملاء	Answer any one of the following questions: i) Write a contrast paragraph on "College life and University life". ii) Write a listing paragraph on "Impacts of Global Warming".	4.75
6.ar	Suppose you made an order to Asus Computers in the last week. For unavoidable reasons, you	4

have to cancel this order now. Write a letter to its Director of Sales cancelling the order.

4.75

Suppose you work at Rahimafrooz Limited as its Director. You have noticed that some of the employees have formed a habit of coming late and leaving early. Write a memo to remind them of their obligations and to warn them of disciplinary measures if they continue this habit.