

Exam.	Back		
Level	BE	Full Marks	80
Programme	BEL, BEX, BCT, B.Agric.	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt **All** questions.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

1. Edit the following text. [5]

A board game is a game played with counters or pieces that are placed or removed from or moved across a board simple board games often make ideal family entertainment. Since they are often appropriate for all ages. Some board games such like chess and Chinese checkers have strategic value and have been classic for centuries.

2. Read the given text and interpret its meaning. [5]

By teaching all other subjects, except moral values we may produce great scientists, engineers, doctors, scholars, management experts, litterateurs etc. comparable with the best anywhere in the world but if these great professionals do not have peace of mind and qualities of love and kindness, what kind of society will we have?

3. Read the following passage carefully and make notes and write a summary of it. [5+5]

Is classical music any way related to popular music? That is a controversial question. Advocates of classical music claim that it constitutes are and that pop music is only light entertainment. But, that is not always true. Some people have only elevated classical music to that special status by arguing that the works are more complex because of the range of notes involved. However, jazz, rap and many other forms of popular music sometimes do make use of a number of notes that are as complex as classical music. It is also argued that classical music songs are longer, sometimes extending to thirty minutes or more. Popular music songs are shorter and more repetitive so that they can be remembered for people to play or to sing.

Every language has its own popular music, like it has its own classical music. Indian popular music often known as Indi-pop or Hindi pop is a form of pop music in India. It is a fusion of various Indian folk and classical music styles and is also influenced by modern beats from different parts of the world. The major push given to Indi-pop was from Pakistani singer, Nazia Hassan. Indian pop has taken another interesting turn with the "remixing" of old Indian film songs-an attempt to make them sound more modern by adding new beats. These remixes have become very popular among the younger generation; they give the old melodies new life and vigour. The purists among the older generation however maintain that the beauty of the song is lost!

4. Answer any two of the following questions. [2×5]

- a) On what two aspects of science does the development of our world depend? (The Scientific Attitude)
- b) What lessons can we learn from the story "The Mother of a Traitor"?
- c) Even the best technicians should also be good citizens? Do you agree? Why?

5. Rewrite the following sentences using the correct alternative from the brackets. [0.5×10]

- a) It's time the plane _____ (to land, is landing, landed).
- b) The stream and the farm _____ a good view. (offer, offers).
- c) Some furniture _____ to be ordered for the room. (have, has).
- d) If I _____ to choose one I'd go for the green (was, were)
- e) Anybody _____ this if you had not done. (will have done, may have done, would have done)
- f) "I guess people are watching us", really? But I don't think we _____ (will be watched, were being watched, are being watched)
- g) Do you remember what Priya _____ before she got her article published? (did, had done, would do)
- h) By the start of the next century, I think people _____ in the Mars. (have settled, can settle, will have settled)
- i) This book has been translated _____ several languages. (to , by, into)
- j) Our teacher objects _____ anyone's coming late. (to, against, for)

6. Put the following information into APA and MLA style of citation. [4]

Name of the book	-	Awakening Spirituality
Author's name	-	Dr. Binny Sareen
Publisher	-	Brahma Kumaris, Literature Department
Publishing place	-	India
Year of Publication	-	2012

- 7. Inventing all necessary details, draft a notice with a three point agenda for the 15th meeting of a Local Sports Club. [5]
- 8. Suppose you are doing a project on view tower building construction. Write a report about the progress of the work you have completed so far. [6]
- 9. Imagine you are going to write a proposal on establishing a soap factory. Write the introduction, statement of problem and objective parts of the proposal. [10]
- 10. Prepare a research article on the role of technical colleges in the development of nation. [10]
- 11. Imagine you are doing a project on construction of a suspension bridge in a village. Write the first monthly report in a memo format. (Assume necessary data yourself.) [10]

Examination Control Division

2074 Chaitra

Exam.	Regular		
Level	BE	Full Marks	80
Programme	BEL, BEX, BCT, B.Agric.	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt **All** questions.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

1. Edit the following text: [5]

Your leader is my son she said and not one of the soldiers doubt it. They fell in beside her, singing his praises, saying how clever and brave he is, and she listen to them with head proudly raise, showing no surprise.

2. Read the following text carefully and interpret it so as to make the meaning clear. [5]

The third great defect of our civilization is that it does not know what to do with its knowledge. Science has given us powers fit for the Gods, yet we use them like small children. For example, we do not know how to manage our machines. Machines were made to be man's servants; yet he has grown so dependent on them that they are in a fair way to become his masters. Already most men spend most of their lives looking after and waiting upon machines. And the machines are very stern masters. They must be fed with coal, and given petrol to drink, and oil to wash with, and they must be kept at the right temperature. And if they do not get their meals when they expect them, they grow sulky and refuse to work, or burst with rage, and blow up, and spread ruin and destruction all round them. So, we have to wait upon them very attentively and do all that we can to keep them in good temper. Already we find it difficult either to work or play without the machines, and a time may come when they will rule us altogether, just as we rule the animals.

3. Read the following passage carefully, make notes and write a summary. [5+5]

Although religion does not inhibit the acquisition of wealth, although it does not hold up large fortunes as evil, the tenor of its teaching, by and large, is to induce an attitude of indifference to worldly things, things which gratify one's lower self and keep one engrossed in money-making. The students should be made to realize that the real goods of life are spiritual, love of things of the spirit and service of one's fellowmen, joy of an ordered disciplined life. These are blessings money cannot buy. What is wealth before such things of the spirit? Of all religious teachers Jesus Christ has dealt more comprehensively than any other with the problem of wealth in all its aspects. He may be called the greatest exponent of the science of wealth. With only four words "Blessed are ye poor!" he changed altogether the values which man attached to human existence and human happiness and acquisition and possession of wealth. Real bliss consisted, he taught, not in riches nor in anything else which the world regarded as prosperity or felicity, but in the joy and happiness derived from being at peace with one's fellowmen through perfect love and fellowship and selfless service and sacrifice.

The word "poor" on the lips of the Master had a spiritual significance - the poor so far as they were poor in spirit, humble before God, simple, God-fearing, teachable, faithful. It could surely not have been his intention to hold up destitution and privation as a blessing in itself. That would have turned life into a terrible ordeal and it would have been heartless to exhort the poor to believe that money was not necessary for one's sustenance or the joys and blessings of life. Even things of the spirit cannot be had without money.

Extreme poverty is as liable to lead to the stagnation and impoverishment of the soul as excessive wealth. Not outward poverty but inward spirit was what Jesus Christ desired and demanded. Every religion asks a man to regard his wealth as a trust. Giving in charity for the relief of the poor and public welfare is not merely an act of compassion, not merely a religious duty, but also an act of social justice. All the gospels of wealth are based on the fundamental concept that none can claim an absolute or inherent right to property. Everyone holds it in trust from God to promote the good mankind. All rights to private property are subject to this primary obligation to God and man.

4. Answer any TWO of the following questions. [2×5]
- How can science be misused? Explain. [Use and Misuse of Science]
 - How did Monna Marinna carry out her responsibilities as an ideal citizen and as an ideal mother? [The Mother of a Traitor]
 - Describe the contribution of Einstein to the modern scientific world?

OR

Why did Joseph wood Krutch call grass a "miracle"?
St. Peter said "all flesh is grass". Discuss.

5. Write a research article on 'The Effects of Air pollution in Kathmandu Valley'. [10]
6. Write the following bibliographic references first in MLA and then in APA. [4]
- Name of book: Computer Addiction A Study of Computer Dependency
Name of publisher: Taylor and Francis
Name of author: M.A. Shotton
City of publication: London
Year of publication: 1989
Name of country: England
7. Suppose you are the secretary of a construction Committee. The 3rd meeting of the committee was conducted a few days ago. Imagine four relevant agendas and prepare minutes of the meeting. [5]
8. Write down the elements of proposal, describe briefly. [5]
9. Suppose that you want to establish a new hydropower company or an IT company in Nepal, and that you have prepared a proposal for it. Now show the following parts of your proposal:
- Technical section
 - Management section
 - Cost estimate
- [10]
10. Suppose you are the chairman of a committee formed to investigate the access of internet to the students in your college. Write a report including title page, letter of transmittal, abstract and recommendation. [10]
11. Write the second monthly progress report on the project 'Construction of Micro-hydro power plant'. Invent necessary details. [6]

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Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. Edit the following text.

[5]

But when the war is over, the country recedes from the consciousness and it is rarely even at the back of the mind. The question am I doing any good to the country doesn't occur to the mind; and even the question is what I am doing good or bad for the country occurs only rarely. A limited patriotism is better than none but it is not enough.

2. Read the given text and interpret its meaning.

[5]

Computers have solved many problems for us, but they create some problems too. Say, for example, that you are writing a novel. After you are done with your first draft you decide to change your heroine's name from Linda to Lydia. With a typewriter you would have to retype every page containing the heroine's name. With word processing software, on a computer, you press just a few keys and the computer takes care of all the work. But technology hasn't solved all our problems. While many of Shakespeare's original documents survive, it takes only misplaced keystrokes to wipe out your next masterpiece.

3. Read the following passage carefully, make notes and write a summary of it.

[5+5]

The dearth of natural resources on the Australian continent is a problem with which government officials there have long struggled. As long distance travel has become ever more important to the national economy. Tourism represents more than 10 percent of national export earnings annually, and in less developed regions such as the Western Territory, the percentage is much higher.

Unfortunately, this otherwise rosy prospect has one significant cloud on the horizon. In recent years, there has been a move towards returning some of the land to the Aboriginal people. As Western society and culture have flourished on Australian soil, tribal people have been forced ever farther inland in an attempt to maintain their traditional ways of living, a desire that the government has striven to respect.

One of the central beliefs of the Aboriginal religion is that certain natural formations have spiritual significance and must be treated accordingly. Strict guidelines determine who may visit these sites and at what times. Unfortunately, many of these sites are the very natural wonders tourists flock to see. If non-Aboriginal people are forbidden to visit these natural wonders, many may choose not to vacation in a region that sorely needs the income generated by tourism.

The Australian government has dealt with this dilemma thus far by trying to support both sides. The Aboriginal council is still trying to put an end to such use of certain sites, however, and it remains to be seen whether respect for tradition or economic desires will ultimately triumph.

4. Answer any TWO of the following questions: [5x2]
- Why do people make avoidable errors? And what sorts of people make them? (Straight and Crooked Thinking)
 - How do modern boilers function? (Steam Boilers)
 - "Studies serve for delight, for ornament and for ability". Explain it. (Of Studies)

5. Choose the best answer. [0.5x10]
- The passive voice of 'I let him go' is(He was let go/ He was let to go)
 - The passive voice of 'They saw the cat stealing the meat' is(The cat was seen stealing the meat/The cat was seen to be stealing the meat)
 - When he became rich, he threw all his old friends. (off, over)
 - The project is running financial difficulties. (in, into)
 - What you think and dopraiseworthy. (is, are)
 - Letter after letterbeen sent to her. (has, have)
 - If I to ask you, would you help me? (was, were)
 -that happen, I will quit the job. (should, if)
 - Note down my address lest you (should forget, might forget)
 - It a week since I saw Jill. (has been, is)

6. Write the following bibliographic information first in MLA and then in APA. [4]

Name of newspaper: New York Times

Title of article: Messi Is Barcelona's Boy Genius

Name of writer: Eduardo Galeano

Section and page number: N1

Date of publication: 22 May 2011

7. Assume that you have recently taken over as the secretary of a public limited company. Informal discussion with the senior officers reveals that the growth of the organization has been hampered because of frequent strikes by the workers. After going through your preliminary report the chairman has decided to call a meeting of the Board of Directors to discuss the issue in depth and to find a lasting solution to the problem. Draft a notice along with four-point agenda for the meeting. [5]
8. Suppose that you are chief engineer working on a five-year your engineering field, which began last year. Write the first quarterly progress report of the project. [6]
9. Imagine that you are requested to submit a proposal for establishing a sophisticated computer lab in one of the technical companies. Write title page, technical section and cost estimate of the proposal that you are going to submit. [10]
10. Prepare abstract, introduction and recommendations of a report on "Damage and Loss of Life due to Flood in Different Parts of Nepal". [10]
11. Write, in about 500 words, a research article on "Role of Engineers in Nation-building Campaign". [10]

Examination Control Division

2073 Shrawan

Exam.	New Back (2066 & Later Batch)		
Level	BE	Full Marks	80
Programme	BEL, BEX, BCT, B. Agri.	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. Edit the following text:

[5]

Arundhati Roy the famous novelist and activist who won the booker prize in 1997 for her novel. The God of small things was born in shellong Meghalaya on november 24, 1961 to a Keralite mother and a Bengali father.

In 1984 Arundati began a brief career in films. She played the role of a village girl in the moule massey sahib and also wrote the screen play for the film in which Annie gives in those ones.

Roy began writing the god of small thengs in 1992 and finished it in 1996.

2. Read the following text carefully and interpret it so as to make the meaning clear.

[5]

Ever since humans have inhabited the earth, they have made use of various forms of communication. Generally, this expression of thoughts and feelings has been in the form of oral speech. When there is a language barrier, communication is accomplished through sign language in which motions stand for letters, words, and ideas. Tourists, the deaf, and the mute have had to resort to this form of expression. Many of these symbols of whole words are very picturesque and exact and can be used internationally; spelling, however, cannot.

3. Read the following passage carefully and (i) make notes and (ii) write summary.

[5+5]

To solve the most urgent health problems of developing countries, expert have recommended that priority should be given to primary health care. **This approach to health care**, as we have seen, emphasizes health maintenance through disease prevention and control. Many of the developing world's deadliest disease The experts point out; can be prevented if clean water and adequate sanitation are provided. Other disease can be prevented by mass vaccination programs. Still other can be controlled by effective health education that gives people information about ways to avoid malaria-carrying mosquitoes or about the importance of nutrition, especially for pregnant women and young children.

Primary heath care, as we have seen, does not merely focus on prevention and ignore the treatment of disease. Another priority for poorer nations is to provide timely diagnose and basic treatment for the general populations instead of technologically advanced and expensive treatment for a few wealthy people. Under international program, the governments of developing countries are given incentives to build community health centers and train health workers. Patients receive immediate attention from doctors, nurses and health workers who have to the necessary diagnostic training and equipment and have an adequate supply of drugs. These local health centers are much more accessible to people who need treatment than a few hospitals in the larger cities.

If poorer countries can offer **this type of health care**, the health of their general populations will improve rapidly. A number of developing countries have already shown that primary health care programs can be successful. Cuba eliminated polio in 1972, even before the disease was eliminated in the United States. In 1974, the World Health Organization began a program to immunize the world's children against six vaccine-preventable diseases during their first year of life. By 1994, the vaccinations were protecting 80 percent of children and the annual number of child deaths had fallen by 3 million. Another WHO program, whose goal was to wipe out polio in the Americas, began in 1985. The goal was achieved in 1991. In the year, nearly 2 million children in Peru were vaccinated in one week after polio had been diagnosed in a two-year-old boy. The boy, Luis Fermin, recovered and proved to be the last case of polio in the Americas.

4. Answer any two: [5×2]
- i) What was the mother's dilemma and how did she solve it? (The mother of A Traitor by Maxim Gorku)
 - ii) What do you mean by a sense of proportion? (Knowledge and Wisdom)
 - iii) Describe the contribution of Einstein to the world? (What Einstein did?)

5. Choose the correct words from the bracket: [0.5×10]
- i) Neither he nor his relative turned up. (has, have)
 - ii) Either sugar or tea suitable for the drink. (is, are)
 - iii) He asked me what I do for a living. (will, should)
 - iv) She has a taste music (of, for)
 - v) He was told not to worry the matter. (with, about)
 - vi) It is no use to come now. He is very busy. (to ask him, if you asked him)
 - vii) He was an scientist. (renowned, imminent)
 - viii) A fool's paradise means (to have happy dreams, live in illusions)
 - ix) She yelled him. (to, at)
 - x) The news false. (is, are)

6. Write the following bibliographic references first in MLA and then in APA. [4]

Name of the book: The Remains of the Day

Name of the publisher: Faber

Place of publication: London

Year of publication: 1989

Name of the author: Kazuo Ishiguro

7. As the C.R (class representative) of your class, write the Notice, Agenda and Minutes of the meeting: "Farewell programme for the seniors". [5]
8. Suppose you have been working on a project of your engineering field for a few months. Write the second monthly progress report of the work you have completed in letter format. [6]
9. Write a brief research article on reducing Air Pollution in the Kathmandu Valley. [10]
10. Suppose that you are interested in establishing a new software company in Kathmandu. Write title page, introduction and technical section of your proposal that you are going to submit to the Ministry of Science and Technology, Singha Durbar, Kathmandu. [10]
11. Write a report on "Development of communication system" in remote areas of Nepal. Invent necessary details. [10]

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Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt **All** questions.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

1. Edit the following text:

[5]

But the Bengali lady with green who kept darting looks at the drummer rather than on the beautiful sitar player whispered suddenly he keeps staring at me Minakshi. Or, perhaps it is I who keep staring at him. I cant take my eyes off him Minakshi.

2. Give the interpretation of the following text:

[5]

It is not only in public ways, but in private life equally, that wisdom is needed. It is needed in the choice of ends to be pursued and in emancipation from personal prejudice. Even an end which it would be noble to pursue if it were attainable may be pursued unwisely if it is inherently impossible of achievement. Many men in past ages devoted their lives to a search for the philosopher's stone and the elixir of life. No doubt, if they could have found them, they would have conferred great benefits upon mankind, but as it was, their lives were wasted.

I think the essence of wisdom is emancipation, as far as possible, from the tyranny of the here and the now. We cannot help the egoism of our senses. Sight and sound and touch are bound up with our own bodies and cannot be made impersonal. Our emotions start similarly from ourselves. An infant feels hunger or discomfort, and is unaffected except by his own physical condition. Gradually with the years his horizon widens and in a proportion as his thoughts and feelings become less personal and less concerned with his own physical states, he achieves growing wisdom. This is of course a matter of degree. No one can view the world with complete impartiality, and if anyone could, he would hardly be able to remain alive. But, it is possible to make a continual approach towards impartiality, on the one hand, by knowing things somewhat remote in time or space and, on the other hand, by giving to such things their due weight in our feelings. It is this approach towards impartiality that constitutes growth in wisdom.

Can wisdom in this sense be taught? And, if it can, should the teaching of it be one of the aims of education? I should answer both these question in the affirmative.

3. Read the following passage carefully, make notes and write a summary of it.

[5+5]

A recent investigation by scientists at the U.S. Geological Survey shows that strange animal behaviour might help predict earthquakes. Investigators found such occurrences within a ten-kilometre radius of the epicentre of a fairly recent quake. Some birds screeched and flew about wildly; dogs yelped and ran around uncontrollably.

Scientists believe that animals can perceive environmental changes several hours or even days before the mishap. Animals were noted as being restless for several weeks before a Tashkent, Uzbekistan, earthquake. An hour before the disaster, domestic animals refused to go indoors, and dogs howled and barked furiously. In 1960, an earthquake struck Agadir in Morocco. Survivors recall that stray animals, including dogs, were seen streaming out of town before the earthquake. In a safari zoo near San Francisco, llamas would not eat the evening before a 1979 quake, and they ran around wildly all night.

Unusual animal behaviour preceding earthquakes has been noted for centuries. British Admiral Robert Fitzroy reported huge flocks of screaming seabirds over Concepcion, Chile, in 1835. An hour and a half later, dogs were seen fleeing, and ten minutes later the town was destroyed. Similar stories of chickens running around in apparent states of panic, horses trembling, and dogs barking incessantly were recorded throughout the eighteenth and nineteenth centuries by survivors of earthquake destruction in India, Yugoslavia, Peru, Mexico, and the United States.

In 1976, after monitoring bizarre animal behaviour, the Chinese predicted a devastating earthquake. Although hundreds of thousands of people were killed, the government was able to evacuate millions of other people and thus keep the death toll at a lower level.

4. Answer any TWO of the following question:

[2×5]

- a. 'Is it she?' 'It is she?' What does this exchange tell us about what the people thought of her? What did they do when they saw her? Why? (The Mother of a Traitor)
- b. What are the two ways in which science can help society to develop? (The Scientific Attitude)
- c. What is chain reaction? Describe it in brief. (Chain Reaction)

5. Choose the best answer:

[0.5×10]

- a. Should you do it, Ihappy. (will be, would be)
- b. If she you, she would write an application. (was, were)
- c. He hates partinghis money. (with, from)
- d. The firm have provided mea car. (with, no preposition)
- e. The Passive Voice of 'Hear him now' is (Let him be heard now/He should be heard now)
- f. The Active Voice of 'Who was helped by whom?' is? (Who did help whom/Who helped whom)
- g. More than one student playing. (is, are)
- h. The Prime Minister and Chancellor coming. (is, are)
- i. It's time you those trousers. (wash, washed)
- j. I wish I meet her. (should, would)

6. Put the following information in to APA and MLA styles of citation. [4]

a) Book Name = The ACS style Guide: A manual for Authors and Editors

Author's name = Janet S. Dodd

Publishers = American Chemical Society

Place of Publication = Washington, DC

Year of Publication = 1986

b) Journal = Computer Publishing

Author = Jan V. White

Article = Colour in Context

Date of Publication = February, 1991

Page nos = 55-57

7. Suppose you are the secretary of Sony Electronics Private Limited, Baluwatar, Kathmandu and the 7th meeting regarding the problems of the staff of the limited has been held recently. Inventing the most relevant agenda, write minutes of the same. [5]

8. As a chief contractor of an affordable, earthquake resistant housing project, write the second quarterly progress report in memo format, invent necessary details. [6]

9. Write in about 500 words, a research articles on "Development of Information Technology in Nepal". [10]

10. Design the title page and write the Abstract, Table-of-Contents and Recommendation for the proposal titled "Building of an Auditorium" in your campus. [10]

OR

"Formation of A Student Project Club".

11. Imagine that you have already prepared a report on "Environmental Pollutions in Asia". Show the Title page, Abstract, Introduction and Recommendation sections of your report. [10]

TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
Examination Control Division
2071 Shawan

Exam.	Nepal 2071 (2010 B.S.)		
Level	BE	Full Marks	80
Programme	BEL, BEX, BCT, B.Agri	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. Edit the following text to make it error free: [5]

A woman husband had been seriously ill but finally the doctor announces that he would live. What do you mean? You told me that he couldn't last another two weeks, complained the wife. "Well, I'm going to cure him after all. Surely you're glad aren't you" replied the doctor. It puts me in kind of a trouble said the woman I've gone and sold his clothes to pay for the funeral.

2. Read the following text and interpret its meaning in your own language: [5]

Now mark another big difference between then natural slavery of man to nature and the unnatural slavery of man to man. Nature is kind to her slaves if she forces you to eat and drink, she makes eating and drinking so pleasant that when we can affect it we eat and drink too much. We must sleep or go mad; but then sleep is so pleasant that we have great difficulty in getting up in the morning.

3. Read the following text carefully, make notes and write a summary. [5+5]

Colonising space could be much more difficult than we imagine. Scientific studies suggest that children born in space might suffer permanent nervous-system damage unless exposed to Earth-like gravity at key points in their development. One difficulty could be learning how to walk. Young children born in space could have trouble walking on Earth because their nervous systems would have developed in the low-gravity environment of space. Even adults might have difficulty fully re-adjusting to life Earth after prolonged periods of weightlessness.

Scientists are just beginning to discover the importance of gravity in the development of life. They are already aware that it has a serious effect on cell metabolism, brain development and DNA synthesis. For this reason pregnant women cannot go into space. Studies of 18 pregnant mice launched into space carrying some 200 fetuses at varying stages of which is a normal aspect of development, slowed down in space, as did cell reproduction. Without gravity the space-grown brains were smaller and had fewer nerve cells than normal mouse brains. How this would affect the functioning of the brain in an adult animal requires further study.

Another effect could be muscle wasting. This has already been observed in astronauts, although there is disagreement as to whether it is linked to the effects of gravity on the muscle cells or just the lack of muscle use. In any case, loss of muscle strength in space has so far proven to be temporary and there are no confirmed reports of any long-term illness in people returning from long periods in space.

Other studies have produced mixed findings. One study showed that laboratory rats reared in space could not figure out how to walk properly on Earth due to spinal-cord damage suffered in space. This study also showed that newborn pups, which are born blind, need gravity in order to learn how to hold themselves upright. Other findings confirm that adult subjects, including humans, can fairly easily recover balance and navigational abilities that have been lost in space.

Clearly the importance of gravity in the development of human beings requires further study before individuals can be sent off to colonise space.

4. Answer any two of the following question. [10]
- How are cables constructed and used in suspension bridges? (Suspension Bridges)
 - What do you mean by scientific attitude? Name some qualities of a scientist.
 - How did the mother do the duties of a mother and citizen? (The mother of a Traitor)
5. Choose the best words to complete the following sentences. [5]
- He knew that he had a toothache while he his teeth. (brushed, was brushing, had brushed)
 - People dispersed as soon as they and explosion heard, were hearing, had heard?
 - You must respect others in order to (respect, be respective, be respected)
 - by the police, the suspects put their hands up. (to be warned, as warned, having been warned)
 - The minister along with his secretaries been invited. (has, have)
 - Some furniture needed for the office. (is, are)
 - If she in your place, she would resign immediately. (was, had been, were)
 - Anything if the neighbors had not been there. (could happen, can happen, could have happened)
 - I object your coming late. (to, for, at)
 - That woman has to care three children. (to, for, by)
6. Arrange the following into APA and MLA styles of citations. [4]
- Author's name: Nunan, D
Book name: Understanding Language Classroom
Publishing place: U.K
Publisher: Prentice Hall
Publishing date: 1989
7. As the secretary of Atul Engineering Consultancy Services, draft a notice for its 6th meeting along with 3 agenda. [5]
8. I imagine that you are working on suspension bridge construction project. Write the first monthly progress report of the project in a memo format. [6]
9. Write a short research article on the importance of internet to the engineering students. [10]
10. Imagine that you are asked to write a proposal on the construction of a water storage tank in a remote village. Write the following parts of the proposal. [10]
- Abstract, statement of the problem, objectives.
11. Suppose you are the chief Executives Engineer of a project related to the construction of a road in a remote part of Nepal and the project is to be completed very soon. Write abstract, introduction, methodology and finding of the reports. [10]

Exam. Level	Regular		
	BE	Full Marks	80
Programme	BEL, BEX, BCT, B. Agri.	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt **All** questions.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

1. Edit the following: [5]

Two pastors are standing by the side of a road holding up a sign that reads. The end is near turn around now before its too late! A passing driver yells, "you guys are nuts!" and speed past them. From around the curve, they hear screeching tyres- then a big splash. One of the pastors says to the other, do you think we should just put up a sign that says Bridge broken instead?

2. Study the following paragraph carefully and interpret it in your own words: [5]

The prevention of free inquiry is unavoidable so long as the purpose of education is to produce belief rather than thought to compel the young to hold positive opinions on doubtful matters rather than to let them see the doubtfulness and be encouraged to independance of mind. Education ought to foster the wish for truth, not the conviction that some particular creed is the truth.

3. Study the following text carefully, prepare notes and convert it into summary: [5+5]

One day in 2003, while on her morning walk in the park, Valavolkar felt a shape pain in her left shoulder. The pain soon subsided and she decided to go about her chores.

But a few hours later, the waves of pain returned when she was out walking again, this time to see the neighbourhood dentist about a cavity. It was much than in the worse morning. Overwhelmed with nausea, dizziness and shoulder pain that grew more intense with every step she took, she felt too weak to move. Anyhow, her husband and son being away at work, she assumed it was spondy litis and got in touch with a family friend, an orthopedic doctor, who insisted she see a heart specialist immediately.

At workhardt hospital soon afterwards, it became clear to the medics that she was having a myocardial infaretion, a heart attack caused by the blockages- in Valavalkar's case of three blood vessels to the heart. One of them, a key artery, had a 95 percent blockage. An angioplasty was performed and a stent inserted to open up the blockage. Her medical care had been so swift, however, that there was no serious damage to the heart muscle.

Since then she hadn't been without trouble, but a cardiac rehab programe she entered in 2006 has helped her lead a normal life. "I feel fine now," Valvakar says, looking back. "Periodic check ups are essential and fortunately for me, these have revealed no problems. I am very active now. I even counsel other heart patients to help them stay positive."

"Women have different risk factors for cardiac disease than men, but there is such little awareness, " says Dr. Vanita Arora cardiaae electrophysiologist and associate director at the Max Health Care Superspeciality Hospital in New Delhi.

4. Answer any two of the following questions: [5+5]

- a) Point out weaknesses of steam boilers and suggest any other better option of source of energy in context of Nepal. Tell why you think that could be the better option. (Steam Boilers)
- b) In recent years we Nepalese have seen colorful advertisements in newspapers about multi-storeyed apartments from different housing companies. In relation to this, talk about the suitability of the text "Piles for Foundations."
- c) Describe the various features that contribute to wisdom with reference to the text "Knowledge and Wisdom".

5. Fill up the following blank spaces selecting the correct words from **the brackets**: [0.5×10]
- He, along with his teachers,playing. (is, are)
 - The principal and accountant.....on leave. (is, are)
 - Ita long time since he telephoned me. (is, has been)
 - It's high time hethe job. (got, has got)
 - Had it not been a hot day, wea lot. (**had worked**, would have worked)
 - Should that happen, Ithe job. (should quit, will quit)
 - I'll standyou whatever happens. (for, by)
 - The project is runningfinancial difficulties. (**with, into**)
 - The passive voice of "I remember him teaching me algebra" is (I remember being taught algebra/I remember to being taught algebra by him.)
 - The passive voice of "I saw him crossing the road" is (He was seen crossing the road by me/He was seen to be crossing the road.)
6. Convert the following APA style into MLA and MLA into APA: [4]
- Santos, Richard. "Tax break?" The New Republic. 12 July. 1998: **24-40**
 - Scotto, P. Censorship, Reading and Interpretation. (2011) **Studies** in American Obfuscation 61-70.
 - Fetler, Jane. "Critical People Cause Office Fireworks" (2010, **June 4**). The Providence Journal, P.A1.
 - Prepare in text citation for:
Wang, P. (1999, July) Fund Watch. Money, PP.49-54.
7. Assume that you have been appointed secretary of a committee **comprising** management, staff and workers representatives to advise the company to **produce** a handbook containing information about conditions of service, rules and **regulations** of fringe benefits and other related matters. Write a notice to call a meeting **to** discuss above matters. [5]
8. Suppose you are the chief consultant of Road Expansion Project **being** launched in the capital city Kathmandu. Write the second quarterly progress report in **memo** style. [6]
9. Write a brief research article on advancements made in the last **decade** **in** your field of engineering. [10]
10. Most communities do not have a place for scientists and citizens **to meet** to discuss important issues. You have a way to meet the needs of citizens **who** lack access to scientific expertise by bringing together scientists and non scientists **to identify**, discuss and resolve issues of public concern. Therefore as a matchmaker for **groups** and resources write a proposal. Include an introduction stating the problem and its **significance**. Discuss the proposed outcome and include a time table. [10]
11. Imagine that Government of Nepal has formed a committee under your **chairmanship** for the purpose of studying the effect of noise pollution in the industrialized towns in Nepal. Prepare only the title page, abstract, table of contents and **recommendations** sections of the report that you are going to submit shortly. [10]

Examination Control Division

2070 Chaitra

Exam.	Old Back (2065 & Earlier Batch)		
Level	BE	Full Marks	40
Programme	BEL, BEX, BCT	Pass Marks	16
Year / Part	III / I	Time	1½ hrs.

Subject: - Communication II (English) (EG604SH)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt **All** questions.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

1. Transform the following sentences as indicated in the brackets: [4]
 - a) Sunita is different from her elder sister (AmE)
 - b) Sit down. (Very polite English)
 - c) People believe that the leaders will sign the agreement. (Impersonal English)
 - d) The meeting will commence soon. (Informal English)
2. Answer any two of the following questions: [8]
 - a) How is 'beauty' losing its charm day by day? (Beauty)
 - b) Why should a technician be wise? (Knowledge and Wisdom)
 - c) "Customs have a great impact on our life". Justify this with reference to the text 'customs'.(Customs)
3. Write a description of the processes involved in getting a document printed out in a lap-top. [4]
4. Prepare a fifteen-minutes' technical talk on the problem of noise pollution in your own town. [8]
5. Imagine that you are the secretary of a social organization and the fifth meeting of the same organization has been held recently. Write minutes of the recent meeting. [6]
6. Suppose you have conducted a research on the effect of recent earthquake in Nepal. Write abstract, methodology, conclusions and recommendations of your report. [10]

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INSTITUTE OF ENGINEERING
Examination Control Division
2068 Chaitra

Exam.	Regular		
Level	BE	Full Marks	80
Programme	BEL, BEX, BCT, B. Agri.	Pass Marks	32
Year / Part	III / I	Time	3 hrs.

Subject: - Communication English (SH 601)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. After taking notes, write a summary of the following passage.

[5+5]

Since it is essential to secure rapid and complete combustion in the cylinder of an internal combustion engine, the fuel and air mixture must be thoroughly mixed; and further, it must be in the correct proportions for all running conditions of the engine. This is accomplished by means of a device called a carburettor. In this carburettor, a stream of air blown over a jet mixes intimately with a spray of petrol drawn out of it. The jet is inserted into a choke or venturi in the intake manifold, and is supplied with petrol at atmospheric pressure.

During the suction stroke of the piston, the pressure in the intake manifold is below atmospheric, and air is induced through the intake and over the jet. As there is a further drop in pressure at the venturi, the pressure difference produced is large enough to draw petrol up out of the jet and atomise it. The level of the petrol in the jet is kept constant by the float and needle valve in the float chamber, which acts as a reservoir for the fuel. Above the venturi there is a throttle valve operated by the accelerator pedal, which controls the amount of mixture admitted to the cylinder.

However, this simple form of single-jet carburettor will not give correct mixture strength for all engine speeds. The chief difficulty encountered is that, at high running speeds, the amount of petrol taken up at the jet will increase faster than the increase in air-flow. Therefore a carburettor set to give correct mixtures at low speed will give a progressively richer mixture as the speed increases. To compensate for this, a second jet is provided, fed from a well open to the atmosphere and supplied with petrol from the float chamber. Owing to the fact that this compensating jet is larger than the main jet, it can supply petrol at a quicker rate than the main jet until the well is emptied. As the speed is increased, more and more of the petrol required is drawn from the main jet. The compensator jet can now supply only as much petrol as can pass through the small compensator orifice in the float chamber.

Another problem to be solved is that of starting. In order to obtain the rich mixture required for starting, the throttle must be almost closed. As the air velocity is then very low in the venturi, insufficient petrol is drawn out of the jet. This difficulty is overcome by the provision of an idler jet in the wall of the intake manifold near the throttle valve. This jet will only function when the throttle is nearly closed. When it is opened for faster running, the suction round the edge of the throttle decreases, and the idler automatically ceases to act.

2. Answer the following questions briefly: (any three) [3×5]
- What is the importance of reading books in our life? [Of studies]
 - Write a summary of the text "The mother of a Traitor". [The mother of a Traitor]
 - Describe the importance of science with reference to the next 'The scientific Attitude'. [The scientific Attitude]
 - What are the factors responsible for failure in successful communication.
3. Choose the correct words from the brackets: [0.5×10]
- Either you or I supposed to do it. (are, am)
 - The governmentdecided to increase the salary of their civil servants. (have, has)
 - The teacher said that wemortal. (are, were)
 - She says that shemore food. (wants, wanted)
 - This notice.....altered. (has been, have been)
 - A lot of the workby the students. (is being done, are being done)
 - If I had enough money, I.....this car. (would have bought, would buy)
 - Unless you.....hard, you can't pass the exam. (work, don't work)
 - He died.....T.B last year. (with, of)
 - She always takes.....notes in her class. (up, down)
4. Transform the following references from APA style to MLA style: [4]
- Perkin, H.C. (1975). Air Pollution. McGraw Hill: NewDelhi.
 - Hall, Dauglas. (1989). Digital Circuits and Systems. Macmillan: Newyork.
 - Morgan, J.H. (1960). Cathodic Protection. Macmillan: Newyork.
 - Slabough, W.H. (1954). Mechanism of Filiform Corrosion. Oxford University Press: USA.
5. Write a short research article on the effect of noise pollution in urban areas in Nepal in about 300 words. [10]
6. Edit the following passage which contains a good many errors. [5]
- Aristotle the tutor of Alexander the Great was born in Stagira in Macedonia in 300 BC. Together with Plato, he is regarded as one of greatest philosophers the world knew. Aristotle was a true academic, concerned for Physics, Astronomy, Rhetoric, Literature; Political Science and History. His teachings has laid the foundation for modern scientific thought.
7. Suppose you are the secretary of a newly formed committee of Public Health Care Society. Write the minutes of the first meeting held recently inverting the agenda. [5]
8. A large number of deaths are caused by earthquakes. To minimize the loss of lives you want to do a study. Write a brief proposal to an organization sticking on objectives, procedure and rationale. [8]
9. The Minister for Road and Transport is concerned about the rapid increase in the number of road accidents on the highways. As a newly formed commission chairman, write a brief formal report investigating the causes ~~and~~ suggesting measures to control the road accident. [10]
10. Write a monthly progress report to be submitted to the Cheif Engineer, Department of Roads on the construction of a Bagmati Bridge near Thapathali. [8]

Examination Control Division

2068 Baishakh

Exam.	Regular / Back		
	Level	BE	Full Marks
Programme	BEL, BEX, BCT	Pass Marks	16
Year / Part	III / I	Time	1½ hrs.

Subject: - Communication II (English)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. Transform the following sentences as indicated in the brackets: [4]
 - a) I've got a handy lap-top. (AmE)
 - b) Could you please lend me your car for an hour? (Informal English)
 - c) It's believed that insomniacs are mentally ill. (Personal English)
 - d) Open the door. (Polite English)
2. Answer any two of the following questions: [8]
 - a) How can you say that beauty is a form of power? (Beauty)
 - b) 'Mere knowledge without wisdom makes education futile'. Justify this. (Knowledge and Wisdom)
 - c) Write the description of the city under attack. (The mother of a Traitor)
3. Write a description of landscape view of the most enchanting place you have ever visited. [4]
4. Draft a note of a twenty - minutes' technical talk on the necessities of preventive measures for the devastating earthquake in Nepal. [8]
5. Assuming that you are the secretary of a social organization, write a notice including four item agenda for the eighth meeting to be held shortly. [6]
6. Imagine that you have carried out a research study on the causes and consequences of deforestation in the hilly regions of Nepal. Write title page, acknowledgements, abstract and recommendation parts of your report. [10]
