

Exam.	SH501 Communication English		
Level	BE	Full Marks	100
Programme	BE, BSN BCI, B.Agr.	Pass Marks	50
Year / Part	III / I	Time	3.5

Subject: Communication English (SH501)

- ✓ 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's 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 the 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 afford 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 on 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 12 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 proved 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 from 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 questions. [10]
 - a) How are cables constructed and used in suspension bridges? (Suspension Bridges)
 - b) What do you mean by scientific attitude? Name some qualities of a scientist.
 - c) 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]
 - a) He knew that he had a toothache while he his teeth. (brushed, was brushing, had brushed)
 - b) People dispersed as soon as they an explosion heard, were hearing, had heard?
 - c) You must respect others in order to (respect, be respected, be respected)
 - d) by the police, the suspects put their hands up. (to be warned, as warned, having been warned)
 - e) The minister along with his secretaries accommodated. (has, have)
 - f) Some furniture needed for the office. (is, are)
 - g) If she in your place, she would resign immediately. (was, had been, were)
 - h) Anything if the neighbors had not been there. (could happen, can happen, could have happened)
 - i) I object your coming late. (to, for, at)
 - j) That woman has to care three children. (to, for, by)
6. Arrange the following in APA and MLA styles of citations. [4]

Author's name: Nunan, D.
 Book title: 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 Executive 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]

Examination Control Division

2071 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 (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 infarection, a heart attack caused by the blockages- in Valavolkar'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 cardiac 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 enrgy 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 companics. 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 Obscuration 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]

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 text '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, Douglas. (1989). Digital Circuits and Systems. Macmillan: Newyork.
- Morgan, J.H. (1960). Cathodic Protection. Macmillan: Newyork.
- Slabough, W.H. (1954). Mechanism of Piliiform 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 Chief Engineer, Department of Roads on the construction of a Bagmati Bridge near Thapathali. [8]

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INSTITUTE OF ENGINEERING
Examination Control Division
2068 Baishakh

Exam.	Regular / Back		
Level	BE	Full Marks	40
Programme	BEI, BEX, BCI	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]
