26 MAY 2017
THE OPEN UNIVERSITY OF SRI LANKA
KANDY REGIONAL CENTRE
EXAMINATION

The Open University of Sri Lanka
Department of physics
Bachelor of Science Degree Programme-2016/2017
Communication Skills -PCU 1163-Level 3
No Book Test 2-(NBT-2)

Date: 26-May-2017 **Time: 4.15 p.m.-5.15 p.m.**

Index No	.....

Instructions to Candidates

(1) This paper consists of four (4) questions and the candidates are asked to write answers to all the questions.

(2) Your hand writing must be legible.

(3) Must write your index number in the box provided.

(4) Write answers in the paper itself.

Question No	Marks
1	
2	
3	
4	
Total	

Q-1. Read the Meeting Minutes and answer the questions given below.

Board Meeting Minutes
of the Company of MAGNAMARA
(Board Meeting Minutes: June 04 th 2017 at 7 P.M at Board Room)

Board Members:
Present: Bhata Bhatacharia, Jon White Bear, Douglas Carver, Elizabeth Drucker, Pat Kyumoto, Jack Porter, Mary Rifkin and Leslie Zevon
Absent: Melissa Johnson
Quorum present? Yes

Others Present:
Exec. Director: Sheila Swanson
Other: Susan Johns, Consulting Accountant

Proceedings:
· *Meeting called to order* at 7:00 p.m. by Chair, Elizabeth Drucker
· (Last month's) meeting minutes were amended and approved

· ***Chief Executive's Report:***
- Recommends that if we not able to find a new facility by the end of this month, the organization should stay where in the current location over the winter. After brief discussion, Board agreed.
- Staff member, Jackson Browne, and Swanson attended the National Practitioner's Network meeting in Atlanta last month and gave a brief extemporaneous presentation. Both are invited back next year to give a longer presentation about our organization. After brief discussion, Board congratulated Swanson and asked her to pass on their congratulations to Browne as well.
- Drucker asserts that our organization must ensure its name is associated with whatever materials are distributed at that practitioner's meeting next year. The organization should generate revenues where possible from the materials, too.
- Swanson mentioned that staff member, Sheila Anderson's husband is ill and in the hospital. MOTION to send a gift to Anderson's husband, expressing the organization's sympathy and support; seconded and passed.

· ***Finance Committee report*** **provided by Chair, Elizabeth Drucker:**
- Drucker explained that consultant, Susan Johns, reviewed the organization's bookkeeping procedures and found them to be satisfactory, in preparation for the upcoming yearly financial audit. Funds recommends that our company ensure the auditor provides a management letter along with the audit financial report.
· - Drucker reviewed highlights, trends and issues from the balance sheet, income statement and cash flow statement. Issues include that high accounts receivables require Finance Committee attention to policies and procedures to ensure our organization receives more payments on time. After brief discussion of the issues and suggestions about how to ensure receiving payments on time, MOTION to accept financial statements; seconded and passed.

· **Board *Development Committee's*** *report* provided by Chair, Douglas Carver:
- Carver reminded the Board of the scheduled retreat coming up in three months, and provided a drafted retreat schedule for board review. MOTION to accept the retreat agenda; seconded and passed.
- Carver presented members with a draft of the reworded By-laws paragraph that would allow members to conduct actions over electronic mail. Carver suggested review and a resolution to change the By-laws accordingly. Kyumoto suggested that Swanson first seek legal counsel to verify if the proposed change is consistent with state statute. Swanson agreed to accept this action and notify members of the outcome in the next Board meeting.

· ***Other business:***
- Porter noted that he was working with staff member, Jacob Smith, to help develop an information management systems plan, and that two weeks ago he (Porter) had mailed members three resumes from consultants to help with the plan. In the mailing, Porter asked members for their opinions to help select a consultant. Porter asked members for their opinions. (NOTE: Zevon noted that she was also a computer consultant and was concerned about conflict of interest in her Board role regarding this selection, and asked to be ABSTAINED from this selection. Members agreed.) The majority of members agreed on Lease-or-Buy Consultants. MOTION to use Lease-or-Buy Consultants; seconded and passed.
- Swanson announced that she had recently hired a new secretary, Karla Writewell.

· ***Assessment of the Meeting:***
- Kyumoto noted that the past three meetings have run over the intended two-hour time slot by half an hour. He asked members to be more mindful and focused during discussions, and suggested that the Board Development Chair take an action to identify solutions to this issue. Chair, Carver, agreed.

· Meeting adjourned at 9:30 p.m.
· Minutes submitted by Secretary, Bhata Bhatacharia.

(1) When was the meeting begun?

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(2) When was the meeting over?

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(3) Who was the secretary?

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(4) Who chaired the meeting?

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(5) Who attended the Network meeting in Atlanta last month?

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(6) Who was admitted to the Hospital?

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(7) Who was working to develop an information management systems plan?

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(8) According to meeting minutes, what was the duty of Susan John?

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(9) What did Kyumoto note according to meeting minutes?

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(10) Had required number of members present at the meeting? Which line explains that?

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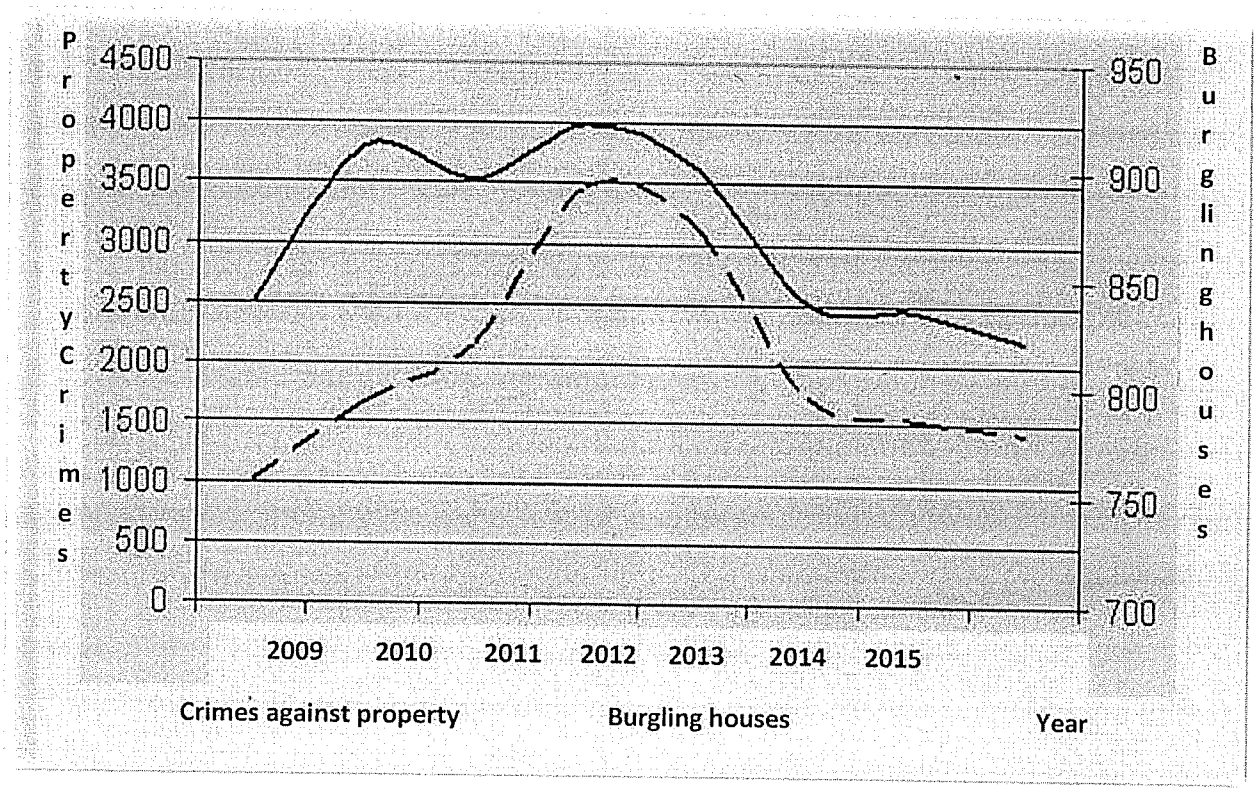
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Q-2. This chart illustrates the number of property crimes and burglaries carried out in Sri Lanka from 2009 to 2015. Describe the line chart in the space provided using not more than 100 words.



Q-3 Read the Memo carefully and fill in the blanks using the words given below.

Memorandum

To: The Members of the Harvard Corporation

From: Martha Minow, Morgan and Helen Chu Dean and Professor of Law

Date: March 3, 2016

Last November, I established a committee to examine questions about the HLS shield, and here I forward to you the committee report I received March 3rd for your consideration.

I give my thanks to each member of the (1)....., and especially its chair, Professor Bruce Mann, for their time, attention, and thoughtful deliberations. They undertook the work of considering (2)..... precedent, values and history, consulting with students, staff, faculty, and alumni—over 1,000 individuals—and deliberating seriously with one another. These are not easy tasks, especially in light of all else we ask of our teachers and scholars, staff, and students each day and all else undertaken by two busy alumni of the school. Professor Mann and the committee of (3)....., students, alumni, and staff stepped forward, and I and others are deeply grateful.

Each year since I became dean, I welcome entering JD students to campus with discussion of the portrait of Isaac Royall, Jr., whose gift of land helped support the first professorship of law at Harvard. I observe that the money came from the work of (4) ..... enslaved on his family's plantation in Antigua, and that while Harvard University at that time acted legally in accepting the gift, it is (5)..... that we never confine (6) ..... to solely what is currently lawful, for the great evil of slavery happened within the confines of the law. That is why HLS does not (7)..... teach what the law is, but engages in critiques of the law, constant reminders to test what we do in service to our (8)..... for virtue and justice.(9)..... was known in the past, powerful and (10)..... questions now arise about the Harvard Law School shield. Designed in 1936 as part of the University's tercentenary, it contains a design based on a

bookplate used by Isaac Royall, Sr., who passed his wealth—including enslaved persons—to his son, the initial donor to the school. What role should history play in (11) ..... who we are? What was the genesis of the shield and how does that history influence our path forward? Do we better remember our (12) ..... with the Royall family and with (13)..... by preserving the shield or by retiring it? What role do symbols play in the School's commitment to diversity, inclusion, and belonging inside our community and in the world at large? Does consideration of the shield's future put into question the names of buildings, endowed chairs, the nation's capital, and other embodiments of the past? I am impressed with the committee's consideration of all these questions, and am confident all its members thought hard about compelling and competing arguments and conclusions.

I respect and learn from the objection,(14)..... in the separate statement by Professor Annette Gordon-Reed and joined by student Annie Rittgers, that maintaining the shield, tied to an interpretive narrative, would help us think about the injustice of slavery alongside the School's current(15)..... to justice and equality. There are crucial suggestions here for how Harvard Law School should proceed in addressing the past and the future, whatever happens with the shield, and I will invite our community to take up this work. As for the shield itself, I endorse the committee's recommendation to retire it. There are (16)..... issues involved in preserving the histories of places and institutions with ties to past injustices, but several elements make retiring the shield less controverted than some other (17)..... about names, symbols, and the past. First, the shield is a symbol whose primary purpose is to identify and express who we mean to be. Second, it is not an anchoring part of our history: it was created in 1936 for a University celebration, used (18)..... for decades and used more commonly only recently, and does not extend back to the origin of the School or even much beyond recent memory. Third, there is no donor whose intent would be undermined; the shield itself (19)..... no

resources entrusted in our care. Ultimately, the decision rests with the Corporation. If the Corporation agrees with the recommendation, preparation for the bicentennial of the School in 2017 gives us the opportunity to create recommendations to the Corporation for a new symbol that represents our mission and values going forward. Whatever the (20) ..... decides about the shield, the larger discussions about our values, our culture, and the importance of strengthening our community will continue, because they must continue. We must always face not only the fact of slavery but also its legacies and ongoing questions of injustice within our community and beyond. We must do so because we are dedicated to intellectual rigor and truth, and because we are willing and able to model reasoned discourse and openness to difference and dissent. In these most important ways, we remain a work in progress, and that work continues.

I look forward to your decision and to our ongoing work together.

Issues	Corporation	involves	occasionally	complex
Committee	faculty	evidence	individuals	crucial
ourselves	simply	aspirations	whatever	commitment
challenging	defining	connection	slavery	explained

Q-4. Read the paragraphs carefully and write down the Topic and the Topic sentence

(a) Biodegradation is the disintegration of materials by bacteria, fungi, or other biological means. Although often conflated, biodegradable is distinct in meaning from compostable. While biodegradable simply means to be consumed by microorganisms, "compostable" makes the specific demand that the object break down under composting conditions. The term is often used in relation to ecology, waste management, biomedicine, and the natural environment (bioremediation) and is now commonly associated with environmentally friendly products that are capable of decomposing back into natural elements. Organic material can be degraded aerobically with oxygen, or anaerobically, without oxygen. Bio surfactant, an extracellular surfactant secreted by microorganisms, enhances the biodegradation process.

Topic

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Topic Sentence

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(b) Dengue fever is a mosquito-borne tropical disease caused by the dengue virus.[1] Symptoms typically begin three to fourteen days after infection.[2] This may include a high fever, headache, vomiting, muscle and joint pains, and a characteristic skin rash.[1][2]Recovery generally takes two to seven days.[1] In a small proportion of cases, the disease develops into the life-threatening dengue hemorrhagic fever, resulting in bleeding, low levels of blood platelets and blood plasma leakage, or into dengue shock syndrome, where dangerously low blood pressure occurs.[2]

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Topic Sentence

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(c) Language is the ability to acquire and use complex systems of communication, particularly the human ability to do so, and a language is any specific example of such a system. The scientific study of language is called linguistics. Questions concerning the philosophy of language, such as whether words can represent experience, have been debated since Gorgias and Plato in Ancient Greece. Thinkers such as Rousseau have argued that language originated from emotions while others like Kant have held that it originated from rational and logical thought. 20th-century philosophers such as Wittgenstein argued that philosophy is really the study of language. Major figures in linguistics include Ferdinand de Saussure and Noam Chomsky.

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Topic Sentence

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(d) Superconductivity is a phenomenon of exactly zero electrical resistance and expulsion of magnetic flux fields occurring in certain materials, called superconductors, when cooled below a characteristic critical temperature. It was discovered by Dutch physicist Heike Kimberling Ones on April 8, 1911, in Leiden. Like ferromagnetism and atomic spectral lines, superconductivity is a quantum mechanical phenomenon. It is characterized by the Meissner effect, the complete ejection of magnetic field lines from the interior of the superconductor as it transitions into the superconducting state. The occurrence of the Meissner effect indicates that superconductivity cannot be understood simply as the idealization of *perfect conductivity* in classical physics.

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Topic Sentence

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(e) Lightning is a sudden electrostatic discharge that occurs during a thunder storm. This discharge occurs between electrically charged regions of a cloud (called intra-cloud lightning or IC), between two clouds (CC lightning), or between a cloud and the ground (CG lightning).

The charged regions in the atmosphere temporarily equalize themselves through this discharge referred to as a *strike* if it hits an object on the ground, and a flash, if it occurs within a cloud. Lightning causes light in the form of plasma, and sound in the form of thunder. Lightning may be seen and not heard when it occurs at a distance too great for the sound to carry as far as the light from the strike or flash.

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Topic Sentence

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