

University of Ruhuna - Faculty of Technology

Bachelor of Bio Systems Technology Degree

Level IV (Semester II) Examination

December 2023

Course Unit: TCS 4221 Communication for Technologists

Time Allowed: 1 hour

TG Number:

Answer all five (05) questions. Each question has two parts named A and B.

01)

A) Underline the correct statement regarding "Team Building and Workplace Ethics".
(1-5)

- 1) The important personality to have in your team is,
 - a. performer
 - b. suppressor
 - c. passive Supporter
 - d. none of the above

- 2) Which of the following is not a team building activity?
 - a. white water rafting
 - b. volleyball game at the beach
 - c. completing a group project
 - d. participating an alms giving with friends

- 3) Practicing work place ethics is ,
 - a. compulsory
 - b. not necessary
 - c. depends on the person
 - d. none of the above

- 4) A negative character which should be identified and removed from a team is,
 - a. suppressor
 - b. potential trouble source
 - c. passive supporter
 - d. none of the above

- 5) Which of the following is not a workplace ethic?
 - a. email etiquette
 - b. respecting dress codes
 - c. having racist attitudes for coworkers
 - d. none of the above

(1x 5 = 5 Marks)

B) Mention 5 ways of improving work place ethics as a young Intern.

i)

ii)

iii)

iv)

v)

(1 x 5 = 5 Marks)

02)

A) Underline the correct answer related to "Stress Management" (1-5)

1) An example for low intensity – long duration stress is,

- a. childhood trauma
- b. memory from a natural disaster
- c. both a & b
- d. only a

2) Junk food and uneven eating habits can also cause stress.

- a. true
- b. false
- c. stress and diet are not connected to each other
- d. none of the above

3) Select the most appropriate statement about stress.

- a. stress is a physical illness.
- b. stress is a hereditary condition.
- c. stress can have both physical and psychological side effects
- d. none of the above

4) What is the best solution for stress from the below solutions?

- a. getting addicted to work
- b. Yoga
- c. recreational drugs
- d. smoking

5) Which of these events might cause stress?

- a. malfunctioning of your pc before a deadline
- b. visiting relatives
- c. both a & b
- d. only a

(1 x 5 = 5 Marks).

B) Think of a stressful situation in your life (either academic or personal). Write a brief account on how you would overcome this situation referring to at least two stress management techniques using the space below. Do not use more than 150 words. (5 Marks)

03)

A) **Underline the correct answer for questions which reflect effective and ineffective practices you may find within workplaces. (1-5)**

1) Which of these must be avoided for effective communication?

- a. sharing of activity
- b. listening
- c. ambiguity
- d. politeness

2)is the first enemy of communication.

- a. Noise
- b. Clarity
- c. Politeness
- d. Completeness

3) communication is a dictator type communication.

- a. Two-way
- b. Three- way
- c. Four- way
- d. One- way

4) Which of these is not a type of effective listening?

- a. empathetic listening
- b. evaluative listening
- c. irritated listening
- d. appreciative listening

5) Which of these is a type of informal communication you may find within a workplace?

- a. reports
- b. orders
- c. instructions
- d. text-messages

(1 ×5= 5 Marks).

B) List out 5 ways that an undergraduate can use to improve effective communications skills during his or her degree programme. (1 x 5 = 5 Marks)

i).....

ii).....

iii).....

iv)

v)

04)

A) **Underline the correct statement regarding “Workplace Ethics”.** (1-5)

1) The important Ethic to have as technologist is,

- e. creativity
- f. subject knowledge
- g. kindness
- h. punctuality

2) Which of the following is not a work place ethic?

- e. Removing headgears near religious places
- f. Not opening unknown letters
- g. Respecting deadlines
- h. none of the above

3) Practicing work place ethics is ,

- e. compulsory
- f. not necessary
- g. depend on the person
- h. none of the above

4) An ethical person always,

- e. Suppresses others opinions
- f. Wins the attention of the superiors and clients
- g. Dominates team activities
- h. Bears racist attitudes

5) Which of the following does not require politically correct language?

- e. A project report regarding differently abled children.
- f. A website related to mental health
- g. A tv commercial regarding rape victims
- h. A whatsapp message to your best friend.

(1x 5 = 5 Marks)

B) Imagine yourself as a young Intern. Think of a situation where a senior officer has given you a first warning for late arrivals to work. How will you handle this situation? Briefly explain using not more than 150 words. (5 Marks)

05)

A) Following is a POOR example of an abstract of a dissertation on JAVA Security on the Internet. This contains serious issues in terms of the content, structure and the language used in the abstract. **Underline 5 instances** where the writer has **not followed the conventions in academic writing** properly. (1x 5= 5 Marks).

Whenever someone uses a Java-enabled browser like Netscape Navigator or Microsoft Internet Explorer to surf the Web, he becomes a java user. All Java users are taking security risks, because most java code is automatically downloaded across the network and runs on the user's machine. The hostile Java programs could trash their machine. Fortunately, the creators of Java made an awesome effort to protect users from these hazards. Security for the Java Platform has multiple layers. First, the Java language is strongly typed and doesn't include any unsafe constructs, such as array accesses without index checking. Second, the mechanism of class loaders is in place to ensure a sufficient degree of separation between multiple Java programs. Third, access to crucial system resources is mediated by the Java virtual machine. A security manager is installed to deny all requests for unauthorized access. The Java and the latest version incorporate a security architecture that support policy-driven, fine-grained, flexible, and extensible access control. This thesis is meant to introduce basic concepts of Java and about risks, and to provide a general overview of Java security in distributed program environments and give references.

B) The following sentences have NOT been written according to academic writing practices. Re-write the sentences by adhering to the academic writing principles. (1x5= 5 Marks).

1) The government's attempts of promoting tourism are not sufficient at all.

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2) Your calculations should be absolutely correct when fabricating a new machine.

.....

3) Every year, hundreds and thousands of males die of lung cancer.

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4) It is extremely difficult and tediously challenging to monetize a social media platform.

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5) A professional technologist must be able to take impactful definitions like Virat Kohli on the field as a captain.

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