

VU Medical Zone

BT 605 Midterm Fall 2021

VUTES 7.2 Fall 2021 (MidTerm... X)

BT605 Biosafety & Bioethics

Question No : 1 of 25

While doing scientific research Both can be combined

Answer (Please select your correct option)

observation and theoretical form

observation and experiments

experiments and theoretical form

none of the given options

Start Time: 8:55 AM

58:00
Time Left

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

EFFORT BY AMAAN KHAN

VU Medical Zone

VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 2 of 26

What are the advances can be expected in 21st century in the field of health care?

Answer (Please select your correct option)

Personalized Medicine

Genomics chip data

Gene Therapy

All of the given options

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

58:00
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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

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VUTES 7.2 Fall 2021 (MidTer... X)

BT605 Biosafety & Bioethics

Question No : 3 of 26

One of the following is incorrect, which one option is it?

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Answer (Please select your correct option)

Physician has responsibilities

Patient has Rights

If patient is mentally unstable, then he has no right at all

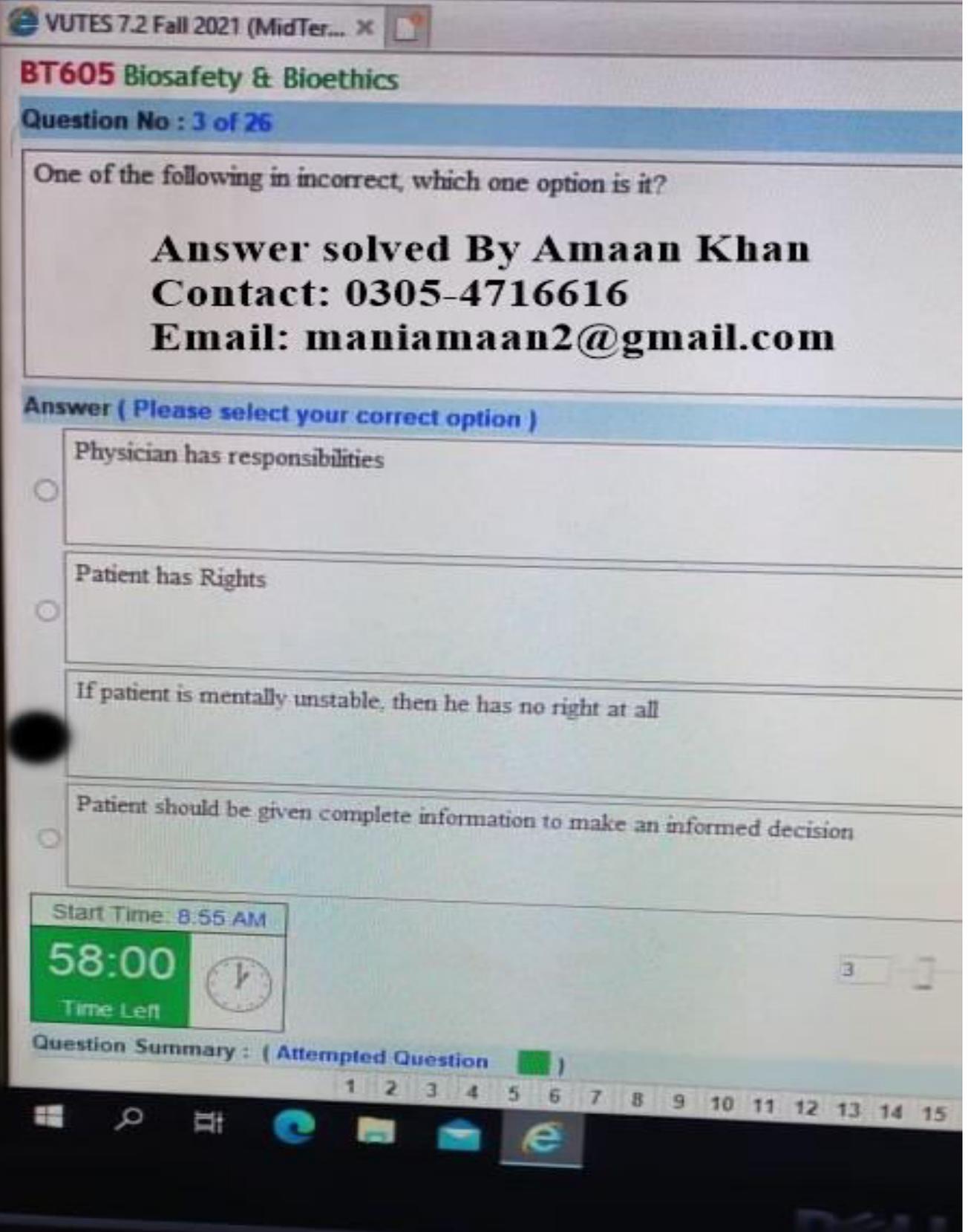
Patient should be given complete information to make an informed decision

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58:00 Time Left

Question Summary : (Attempted Question)

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VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 5 of 26

Moral problems/disputes can be solved by:

Answer (Please select your correct option)

Oppressing the non-conformers

Creating a homogeneity by intense propaganda

Convincing others

Ignoring others

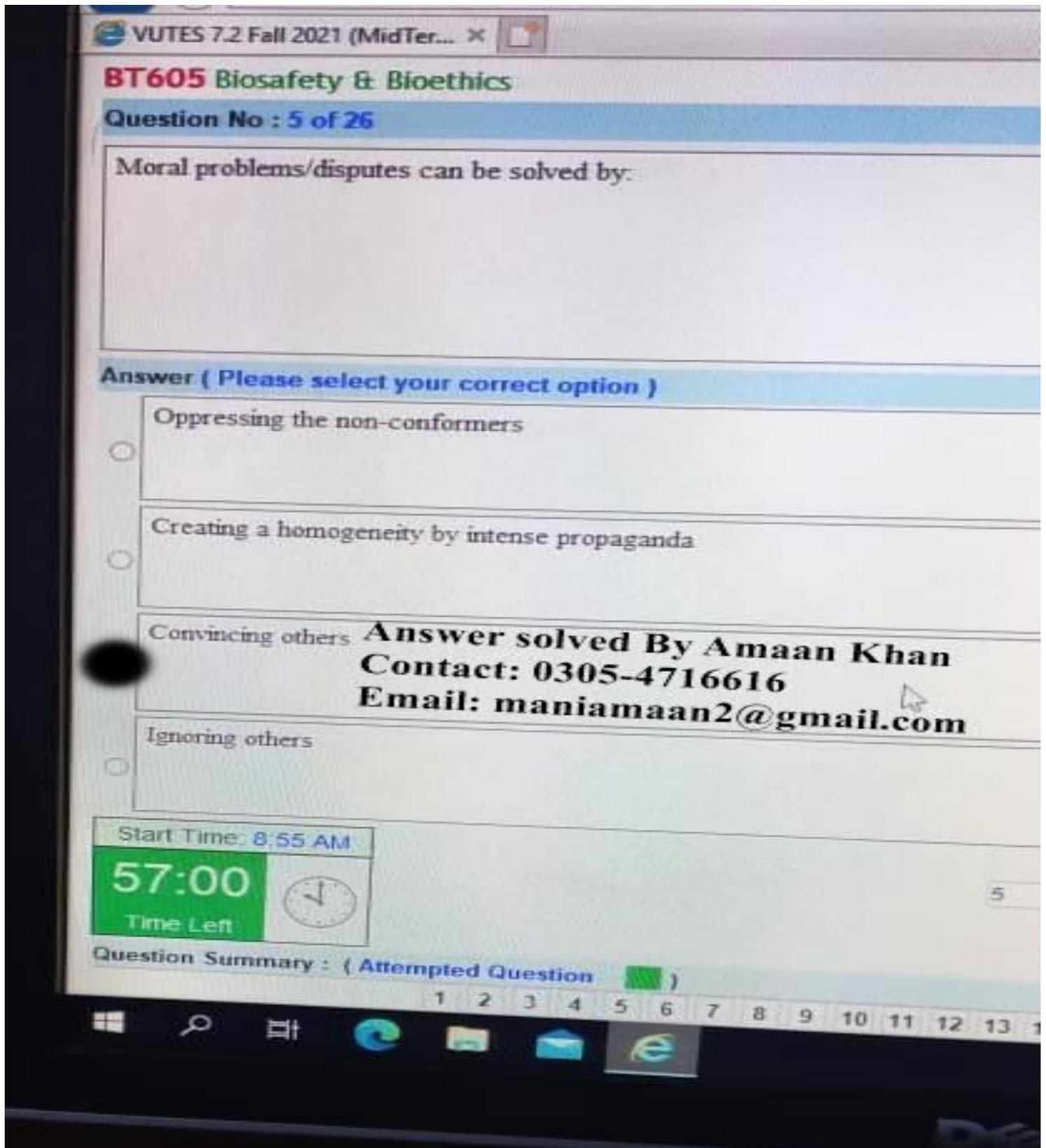
Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13



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VUTES 7.2 Fall 2021 (MidTer... ×)

BT605 Biosafety & Bioethics

Question No : 4 of 26

Spiritual treatments like "Yoga" are useful for the patients of

Answer (Please select your correct option)

Cancer

Psychologically distress

Tuberculosis

Lupus erythematosus

Start Time: 8:55 AM

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4

Question Summary : (Attempted Question)

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Dell

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BT605 Biosafety & Bioethics

Question No : 8 of 26

Staphylococcal enterotoxins b is a

Answer (Please select your correct option)

Bacteria

Virus

Toxin

Infectious agent

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

57:00

Time Left



8

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

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VUTES 7.2 Fall 2021 (MidTer... x)

BT605 Biosafety & Bioethics

Question No : 9 of 26

Biosafety level 5 is specifically associated with the

Answer (Please select your correct option)

Organic biology

Synthetic biology

Inorganic biological material

Inorganic biological material

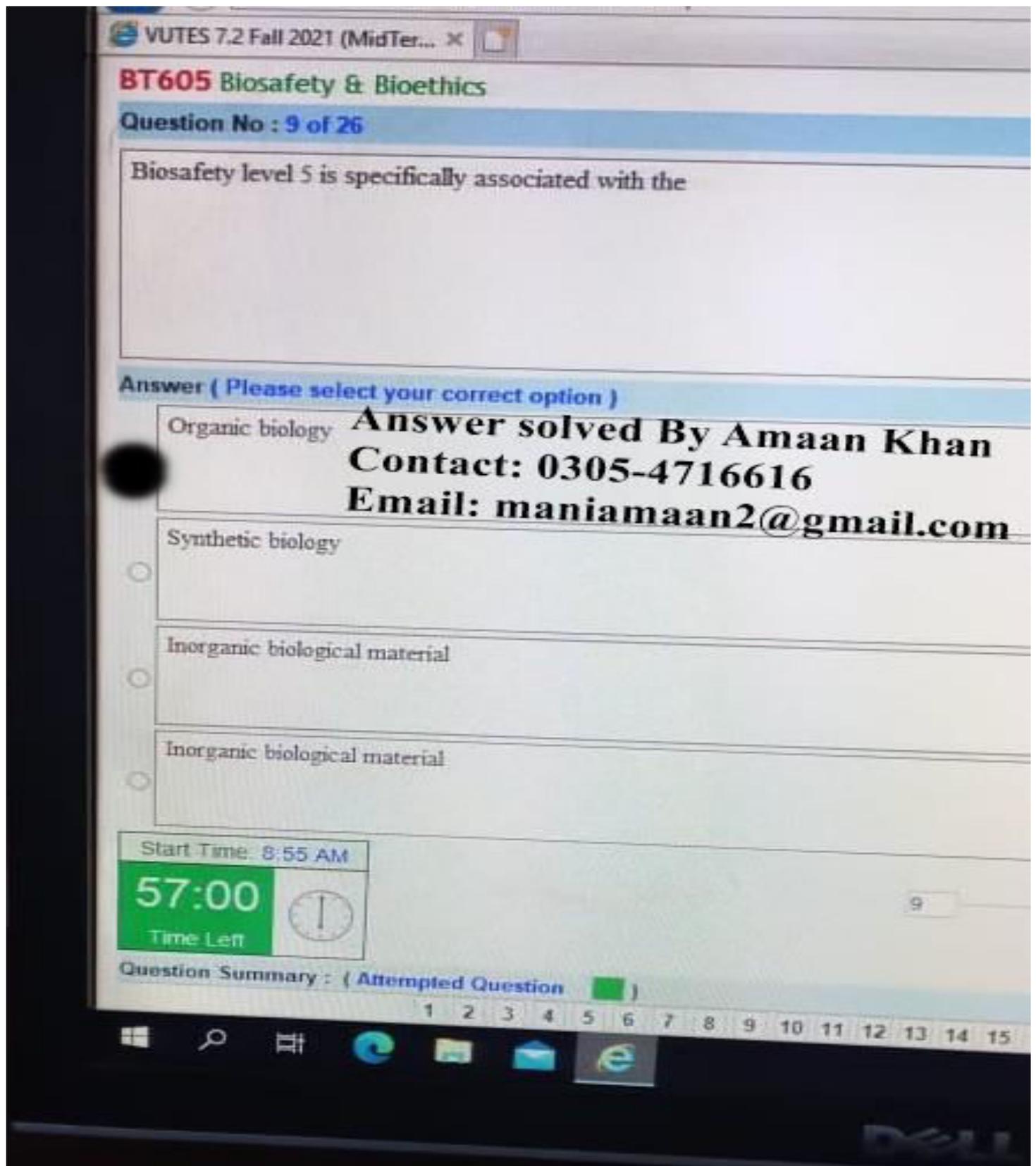
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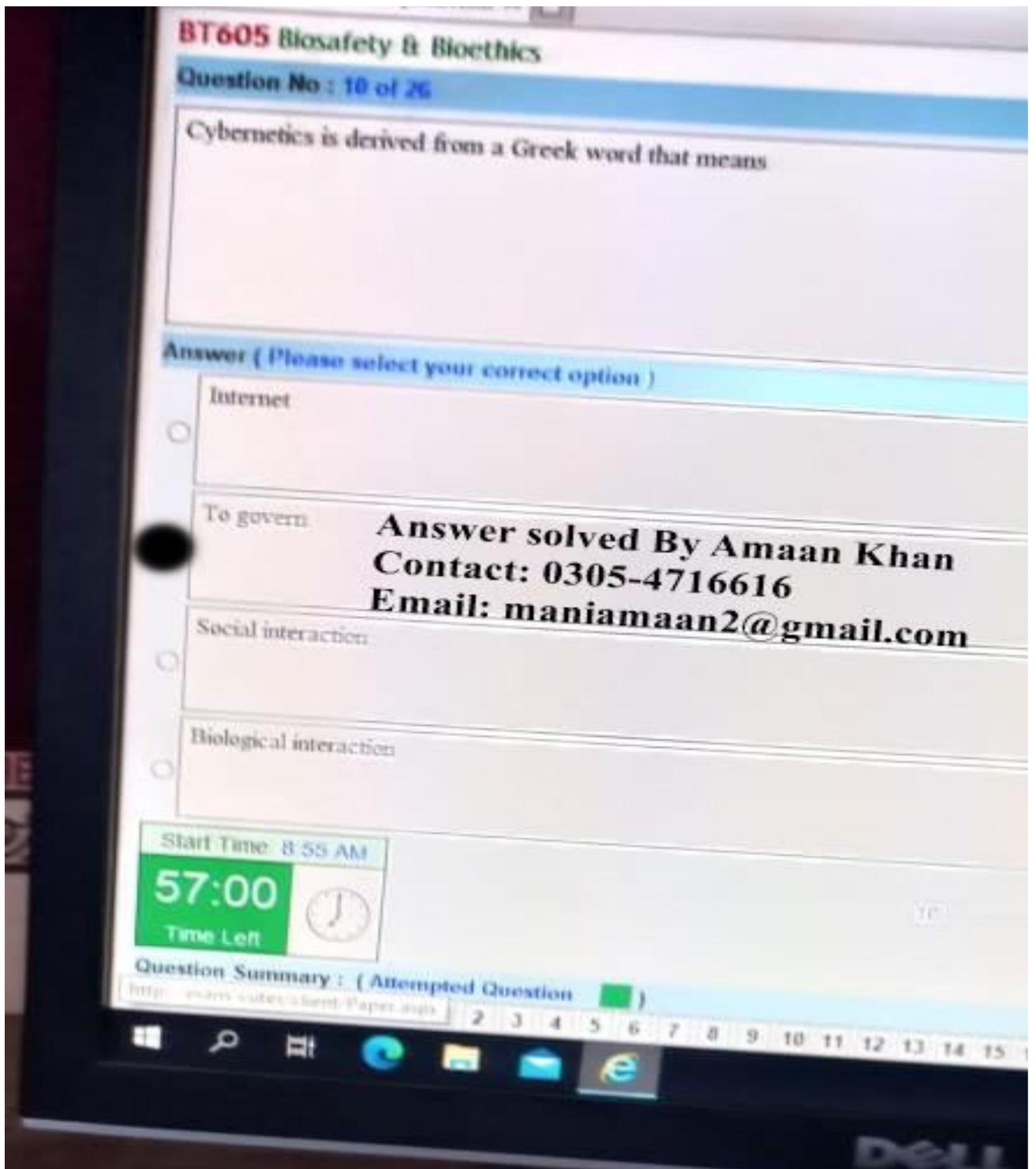
Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



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Creation of savior sibling enables the identification of a tissue match for an older sibling suffering from life-threatening disease and allowed according to a piece of legislation, what is it called?

Answer (Please select your correct option)

HEF 2000 Act

HFE 1990 Act

HFF 2000 Act

HEF 1990 Act

Start Time: 8:55 AM

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Time Left

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

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Answer solved By Amaan Khan
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VUITES 7.2 Fall 2021 (Med/Ph...)

BT605 Biosafety & Bioethics

Question No : 11 of 26

To be the subject of a patent, an object must be a/an

Answer (Please select your correct option)

invention

discovery

either invention or discovery

neither invention nor discovery

Start Time: 8:55 AM

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11

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

Windows taskbar icons: Start, Search, Task View, Edge, File Explorer, Mail, Internet Explorer

DELL

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VUITS 7.2 Fall 2021 (MidTer...)

BT605 Biosafety & Bioethics

Question No : 14 of 26

Protective layer around the atmosphere is called as

Answer (Please select your correct option)

- Ozone layer
- Carbon layer
- Membrane
- Green house effect

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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VUTES 7.2 Fall 2021 (MidTer... X)

BT605 Biosafety & Bioethics

Question No : 16 of 26

The purpose of the ----- Guidelines is to promote the safe conduct of research involving recombinant D

Answer (Please select your correct option)

NIH

ISO

WHO

IBC

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

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16

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

DELL

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BT605 Biosafety & Bioethics

Question No : 13 of 26

What is a carrier of a genetic disease?

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Answer (Please select your correct option)

the one who has the genetic disease and carry the disease to the next generation

The one who recovered form a genetic disease and carry the disease to the next generation

The one not expressing the disease and without symptoms and carry the disease to the next generation

The one with symptoms and does not carry the disease to the next generation

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

DELL

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VUTES 7.2 Fall 2021 (MidTer... X)

BT605 Biosafety & Bioethics

Question No : 17 of 26

Beryllium sensitive individuals contain ----- gene.

Answer (Please select your correct option)

HLA-DRB1

TP53

BRCA-1

FMR1

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

DELL

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VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 15 of 26

Due to Global warming metabolic rate of ----- producing bacteria increases.

Answer (Please select your correct option)

CH₄

CO₂

SO₂

N₂O

Start Time: 8:55 AM

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15

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

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DELL

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VUTES 7.2 Fall 2021 (MidTer... ×

BT605 Biosafety & Bioethics

Question No : 7 of 26

To sterilize the sugar or enzyme solution, which one of the following is used?

Answer (Please select your correct option)

Moist Heat

Dry Heat

Membrane filter

Formaldehydes

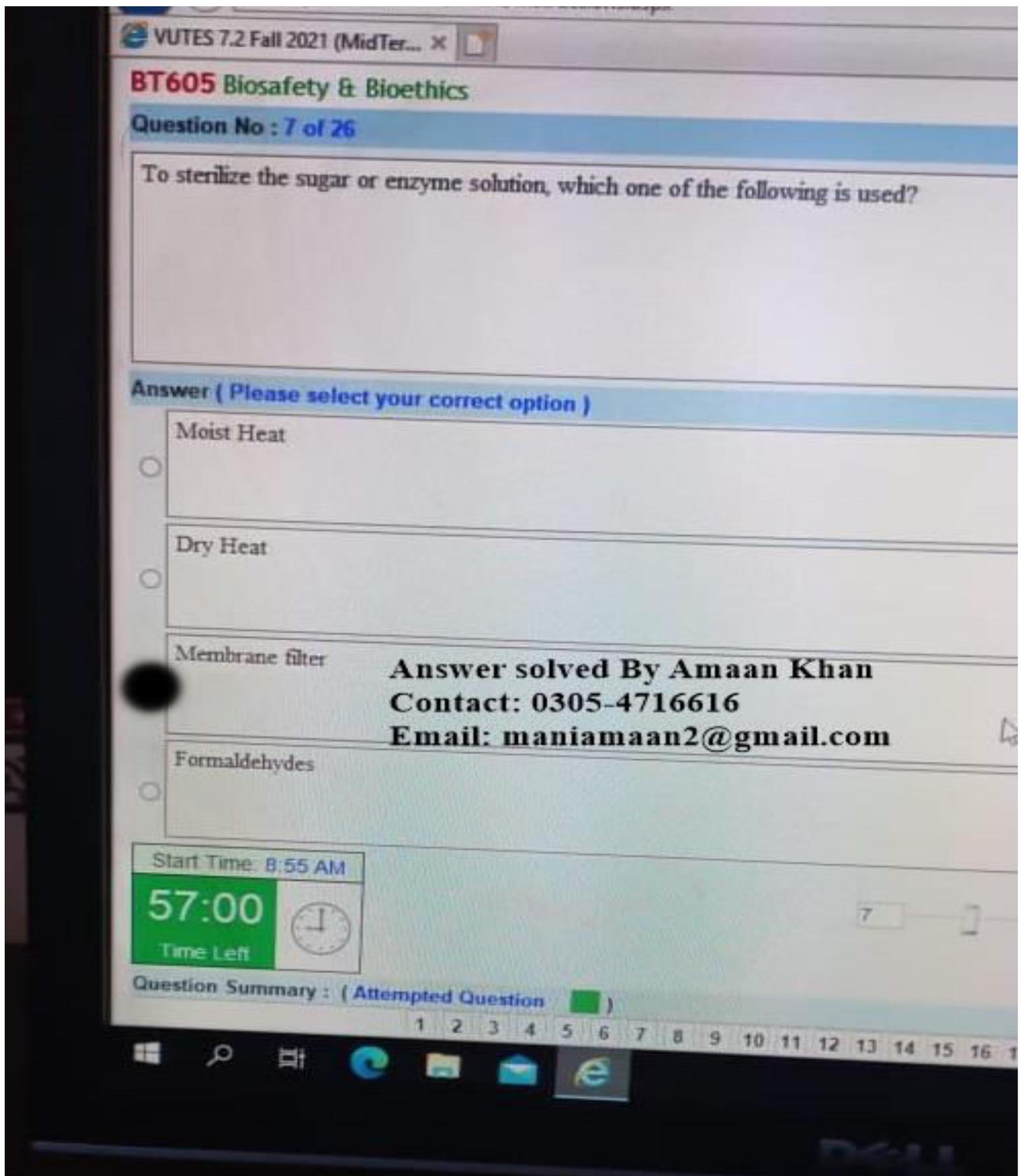
Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



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VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 19 of 26

Who is a pioneer in reproductive biology?

Answer (Please select your correct option)

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Roger Gosden

Robert Hooke

George Mendel

Louis Pasteur

Start Time: 8:55 AM

54:00 Time Left

19

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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DELL

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VU Medical Zone

VUTES 7.2 Fall 2021 (MidTer... x)

BT605 Biosafety & Bioethics

Question No : 6 of 26

In Xenotransplantation the grafts of

Answer (Please select your correct option)

One species are transplanted to member of another specie

artificial origin are transplanted on to the recipient

artificial origin are transplanted on to the recipient

artificial origin are transplanted on to the recipient

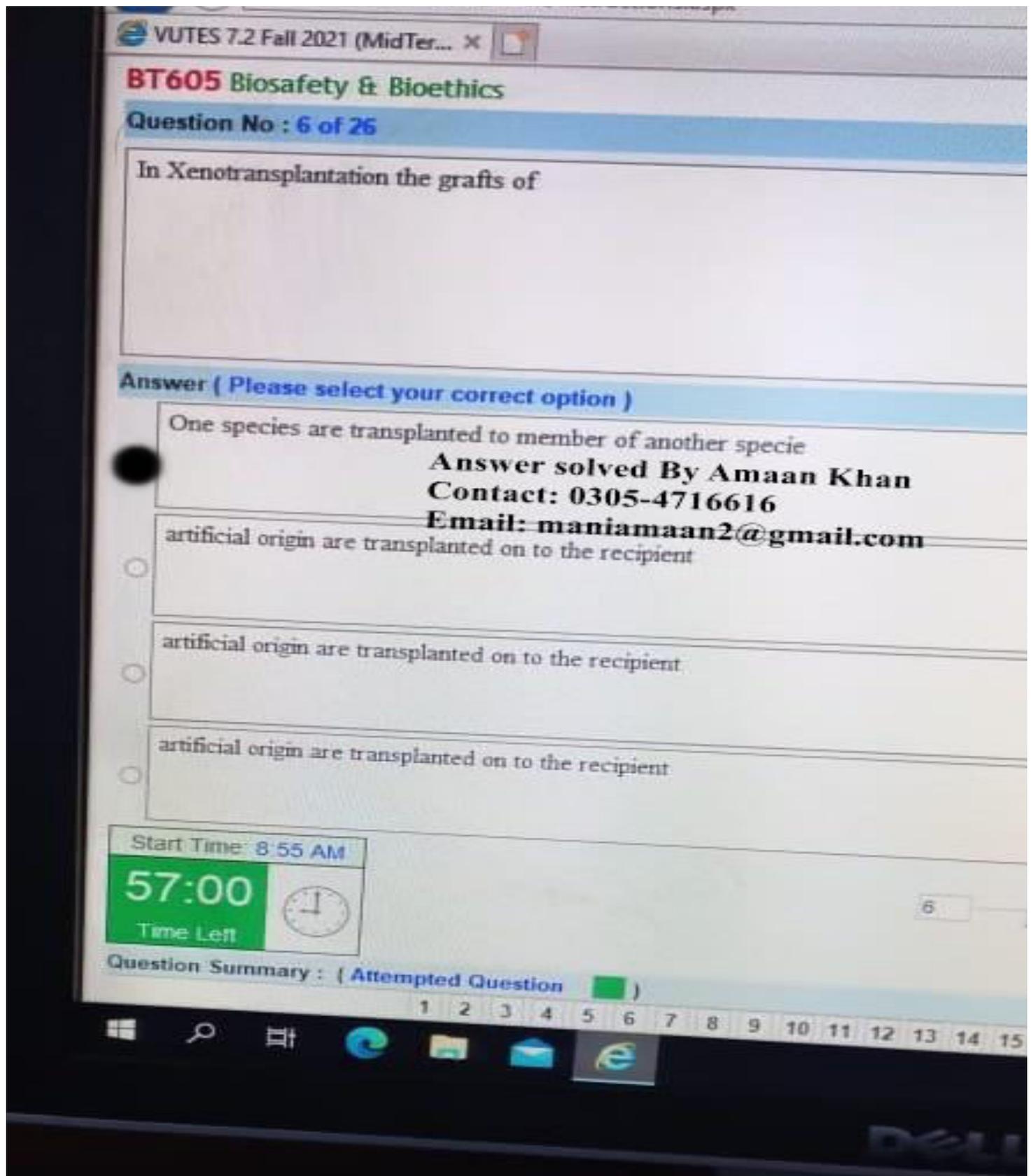
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Question Summary : (Attempted Question)

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VU Medical Zone

VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 18 of 26

At which day soul is breathed in to the embryo after fertilization?

Answer (Please select your correct option)

10th day

20th day

30th day

40th day

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

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18

Question Summary : (Attempted Question)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

DELL

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VUTES 7.2 Fall 2021 (MidTer... X)

BT605 Biosafety & Bioethics

Question No : 20 of 26

Microorganism unlikely to cause human or animal disease are categorized in

Answer (Please select your correct option)

Risk Group 1

Risk Group 2

Risk Group 3

Risk Group 4

Answer solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Start Time: 8:55 AM

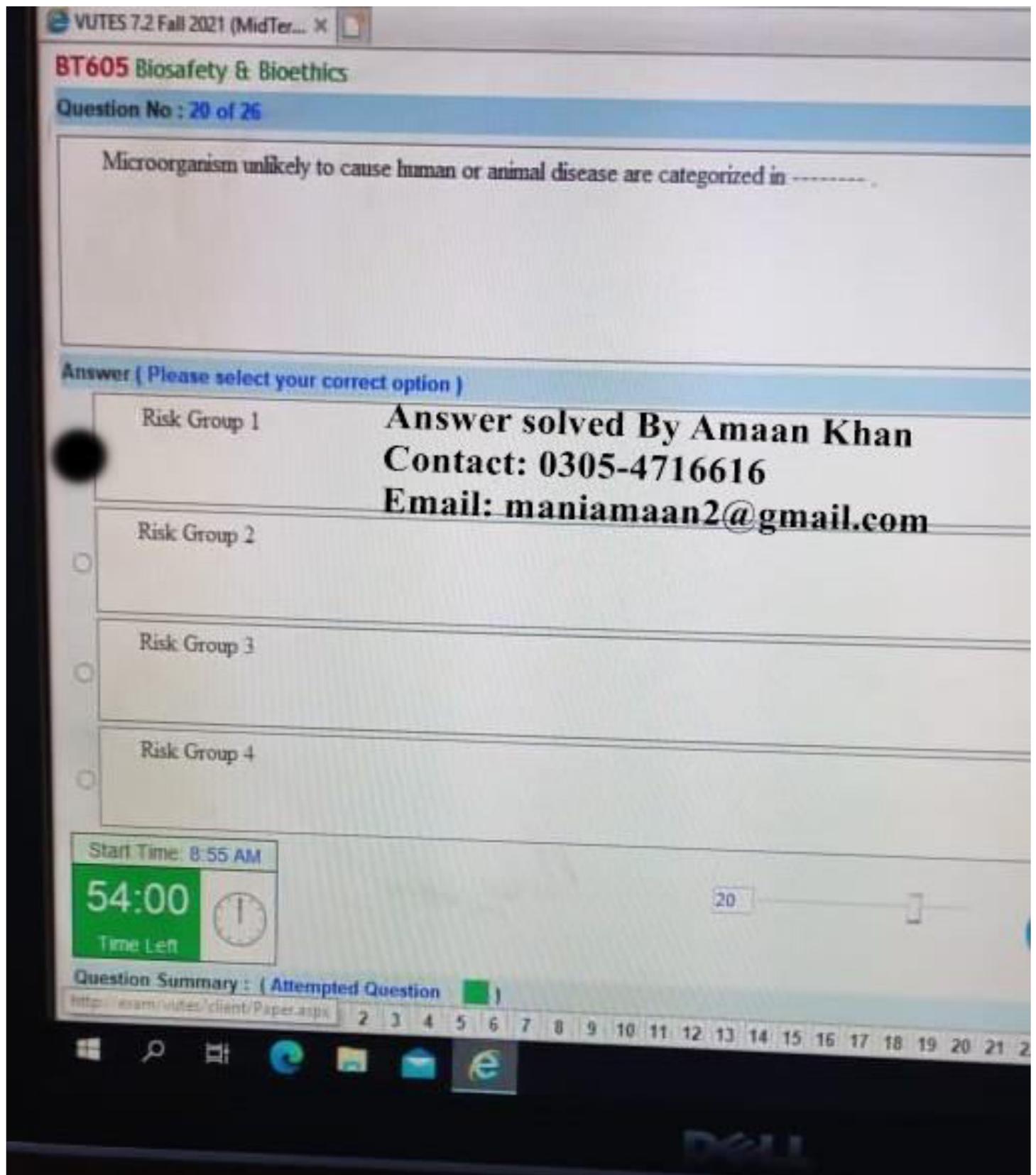
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Question Summary : (Attempted Question)

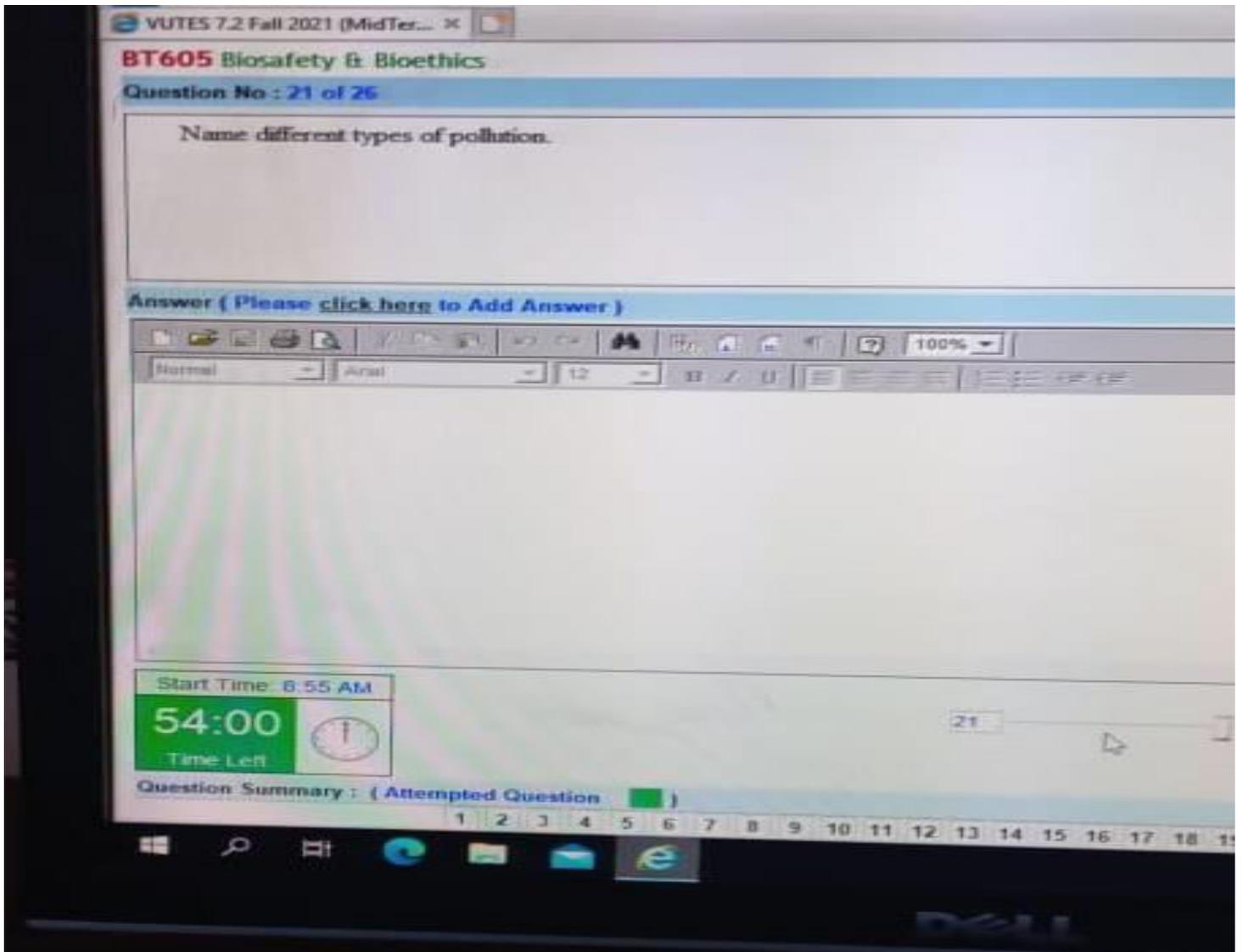
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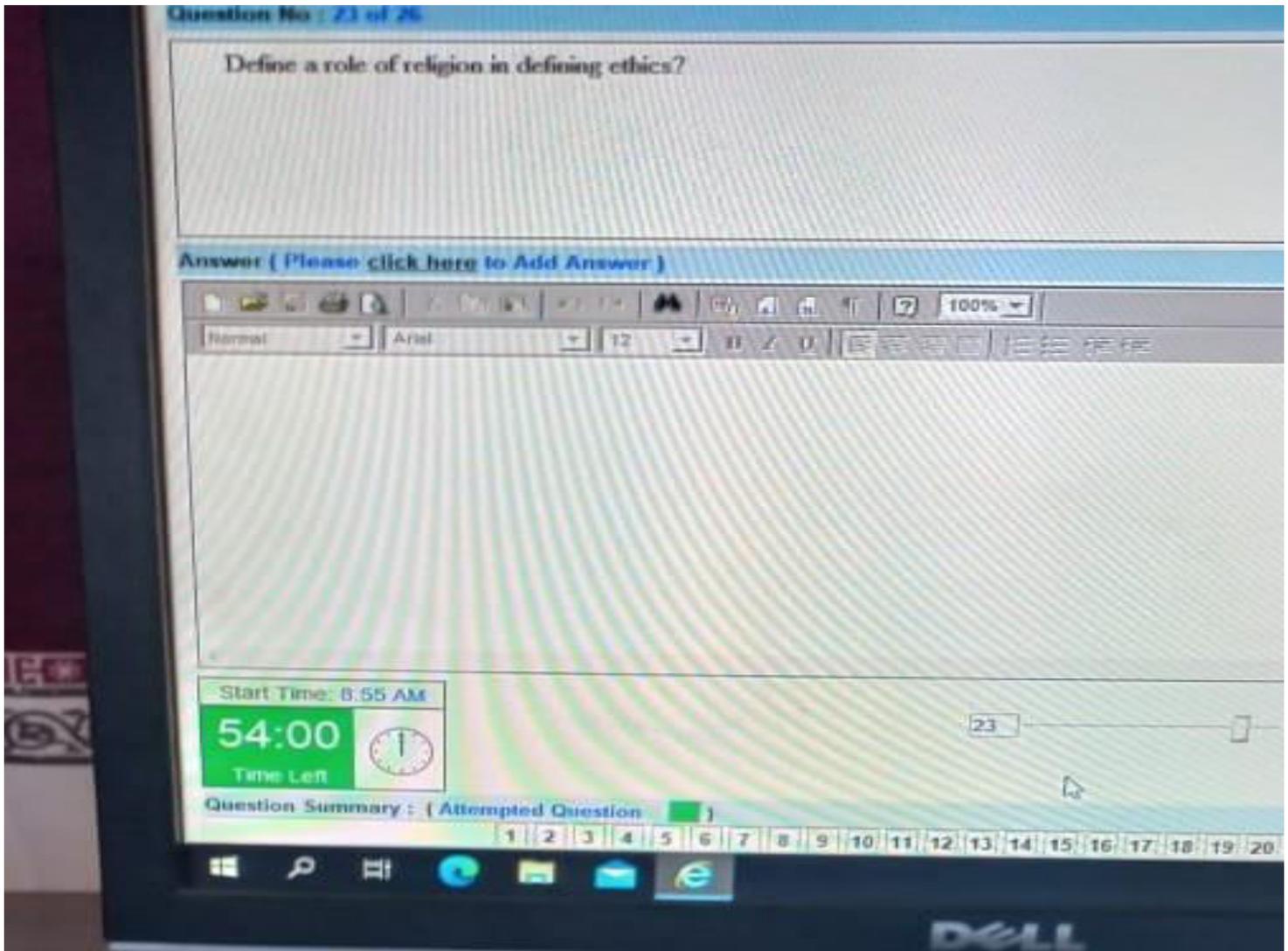


Answer:

- 1. Silent spring**
- 2. Ozone depletion**
- 3. Accidents**

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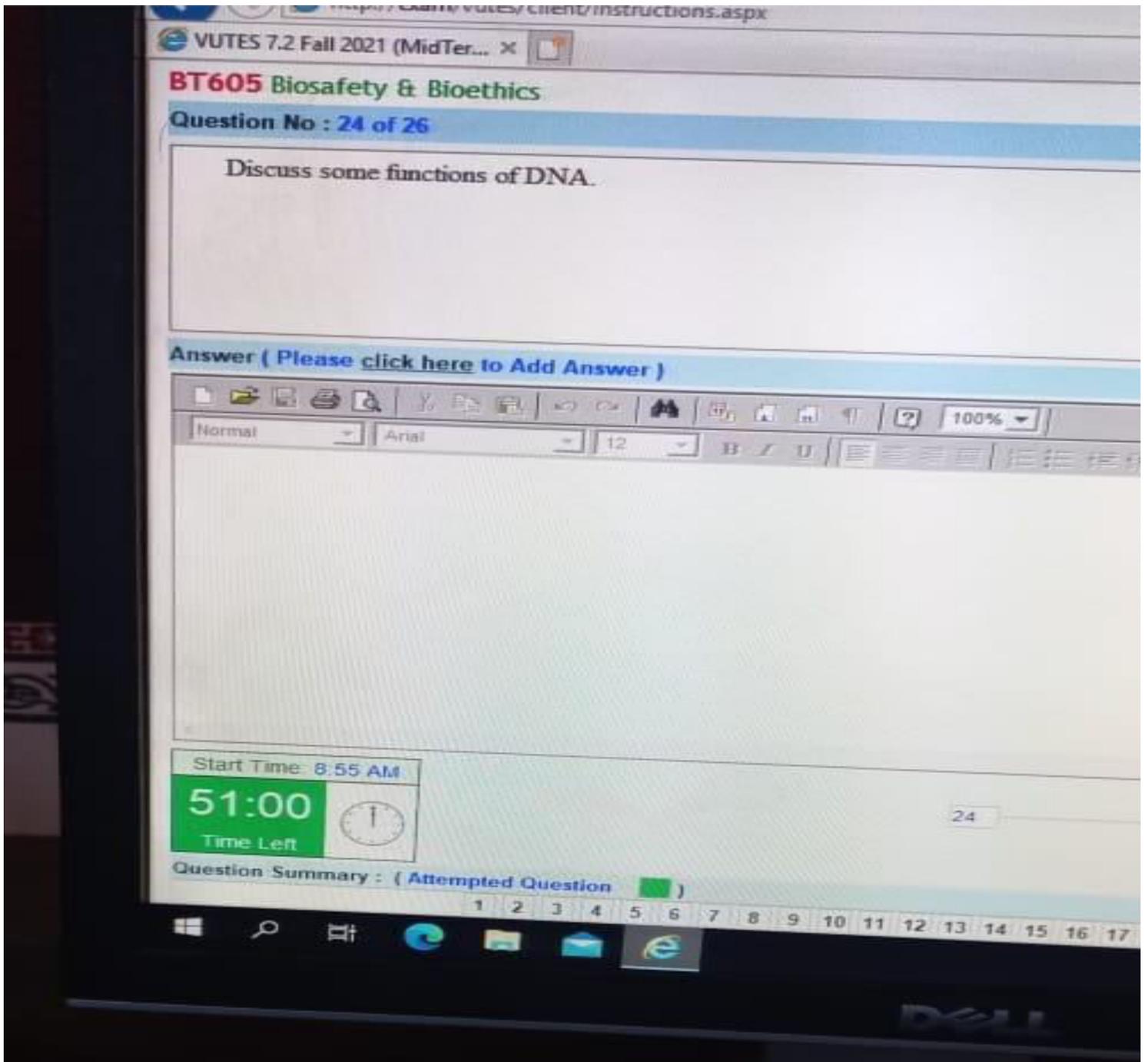
Answer:

Religion:

- **set high ethical standards**
- **intense motivation for ethical behavior**
- **has to do with religious beliefs but not confined to religion**

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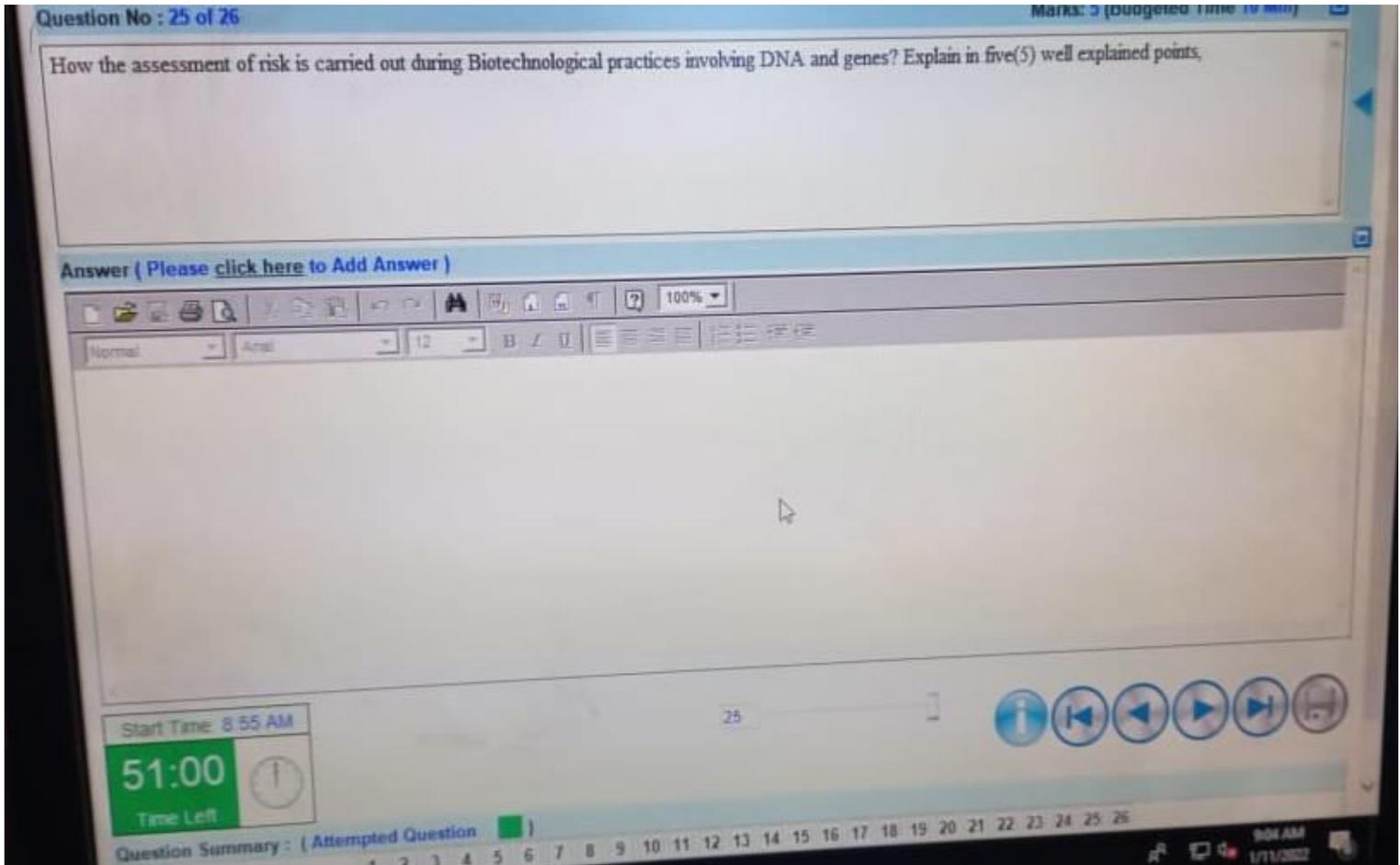


Answer:

The function of DNA is to store all of the genetic information that an organism needs to develop, function, and reproduce. Essentially, it is the biological instruction manual found in
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each of your cells. The instructions in DNA are written in a simple alphabet that has just four letters—A, T, C, and G.



Answer:

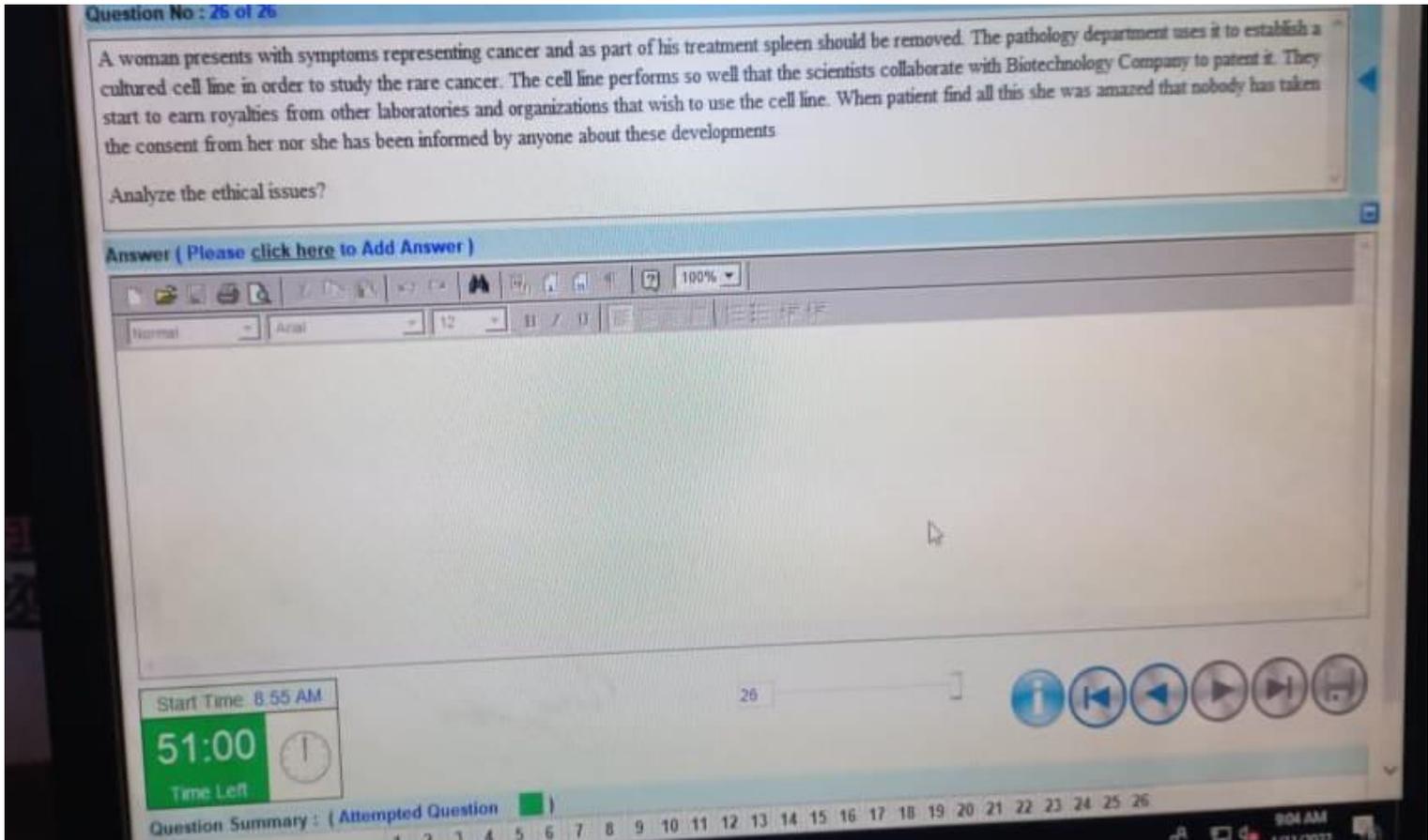
Assessment of risk:

- **source of DNA of the target gene/non-target DNA segment of the construct**
- **site of incorporation of the transgene within the recipient genome**
- **product of the transgene**

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- **tissue specificity --- transgenic expression**
- **transgenics/interacting with the environment**



Answer:

Reasons:

- **in terms of medical ethics, removal of the spleen was an act of doing good beneficence**
- **patient's personal autonomy had been respected**
- **it was for the sake of his health that spleen has been removed**

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- **in UK, there is great sensitivity concerning the fate of organ removed**
- **under new legislation, if there is no predeath consent then kin permission must be taken to retain any organs from dead bodies**