

VU Medical Zone

BT 605 Midterm Fall 2021

VUTES 7.2 Fall 2021 (MidTer... X

BT605 Biosafety & Bioethics

Question No : 1 of 26

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

Question Summary : (Attempted Question)

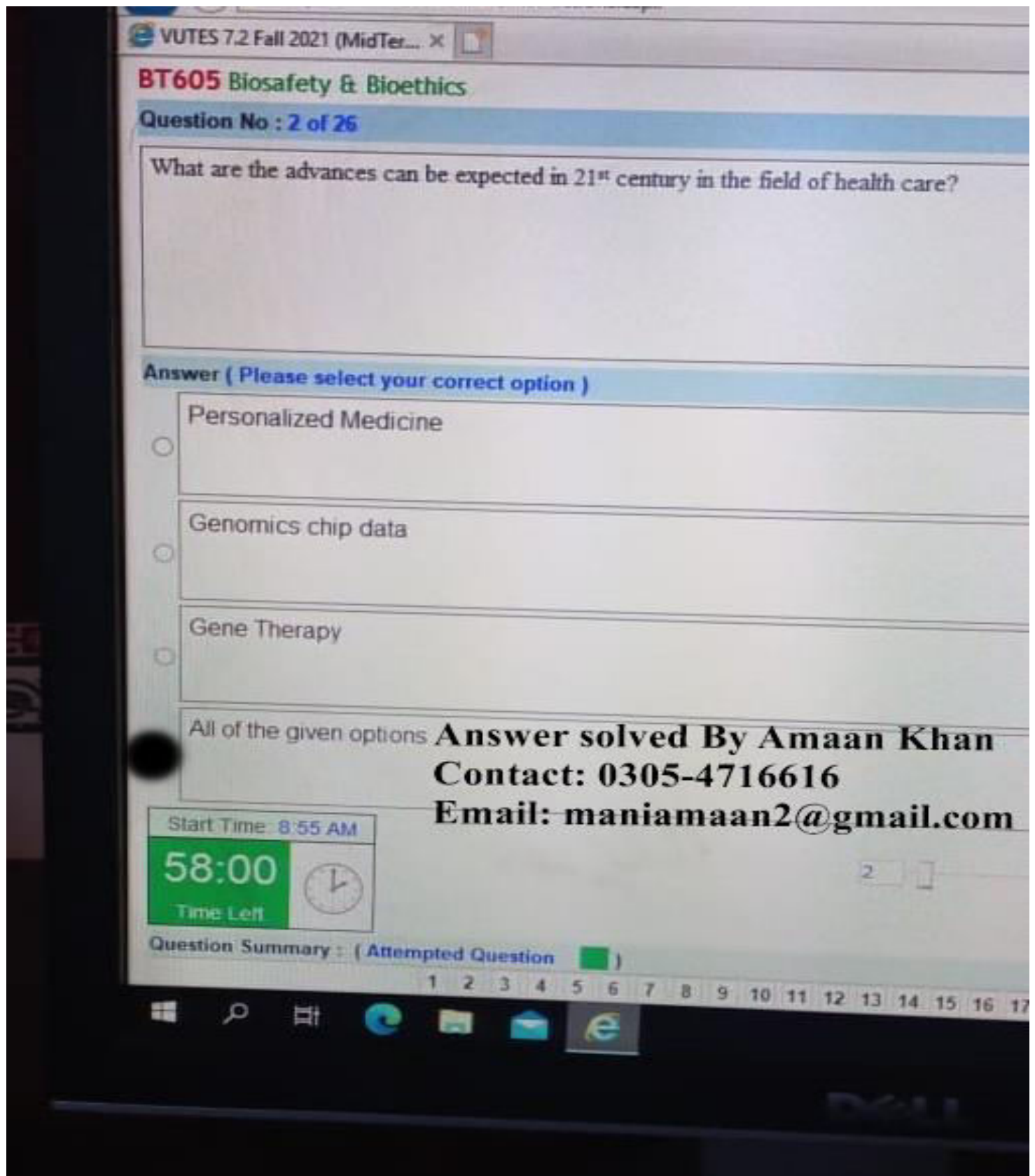
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Windows taskbar icons: Windows, Search, Task View, Edge, File Explorer, Mail, Internet Explorer

DELL

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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

Start Time: 8:55 AM

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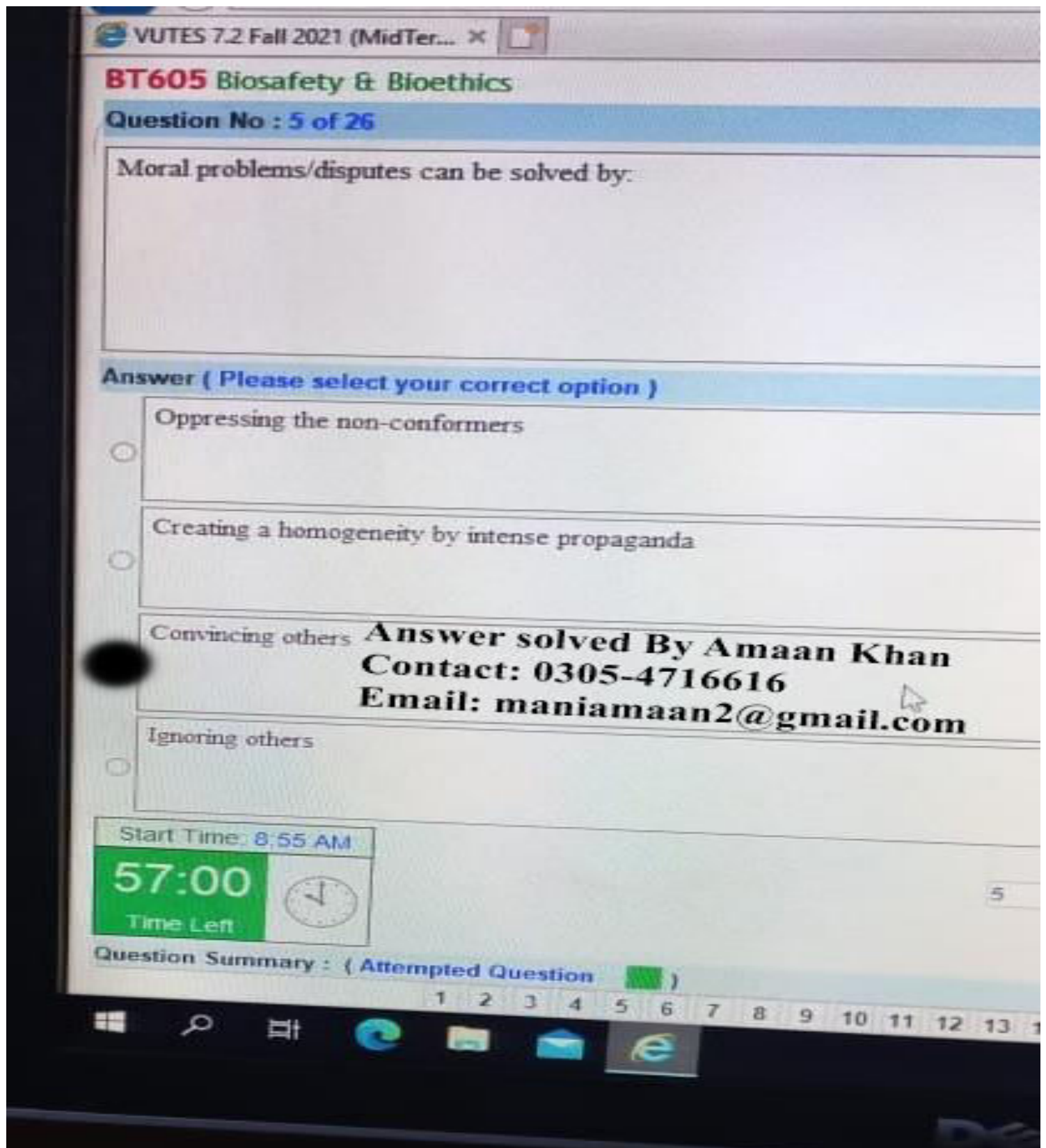
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Question Summary : (Attempted Question)

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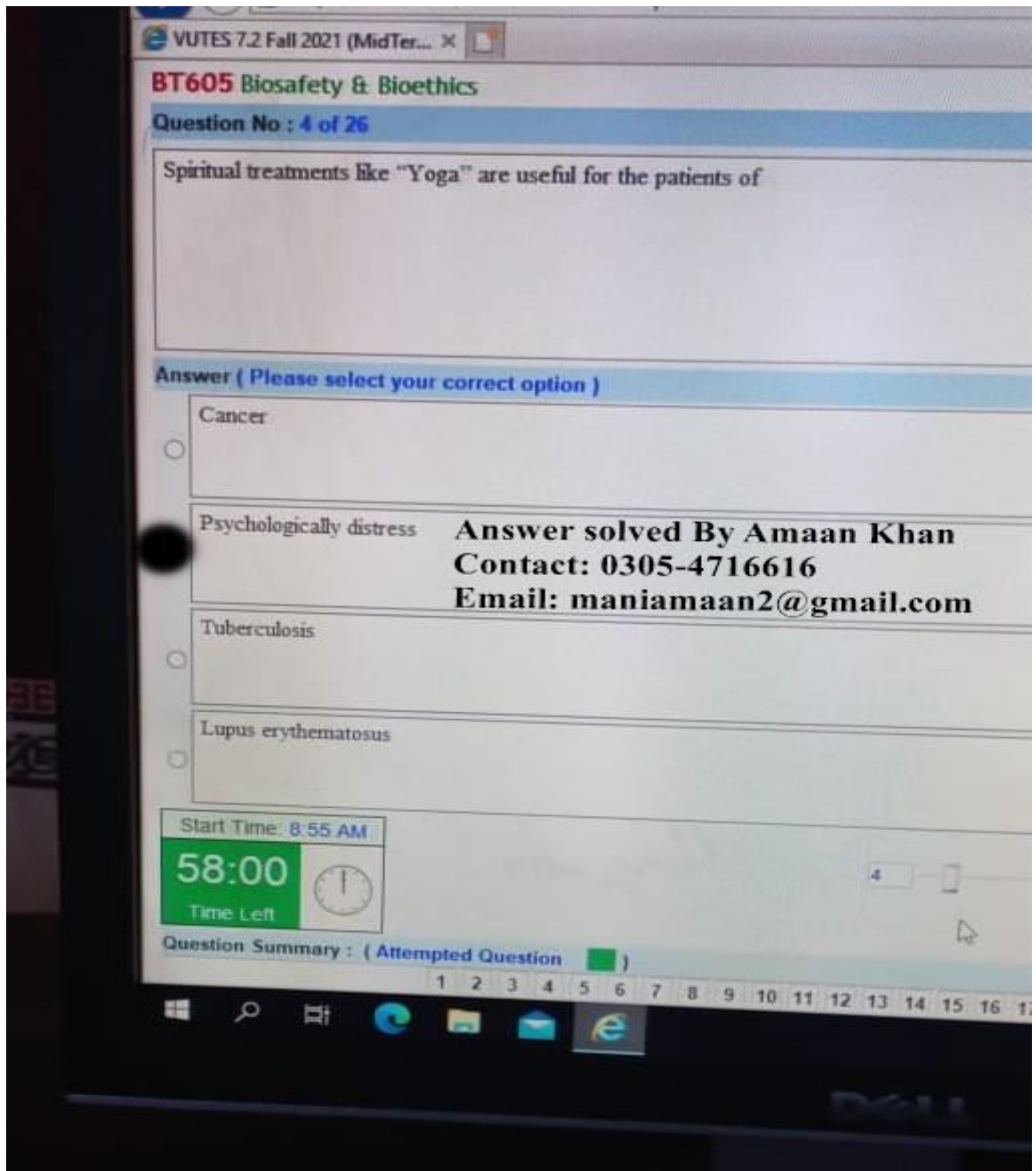
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BT605 Biosafety & Bioethics

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

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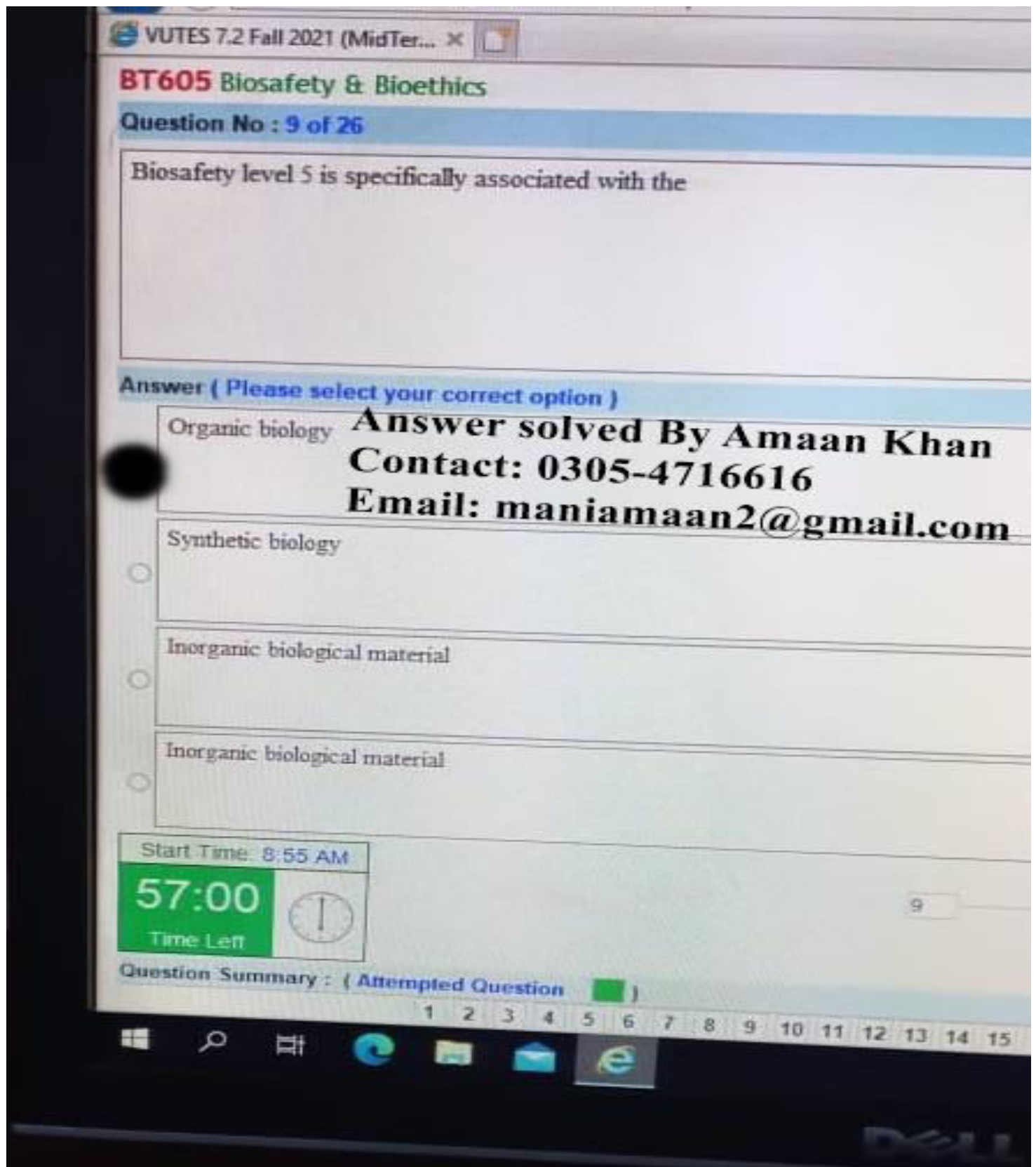
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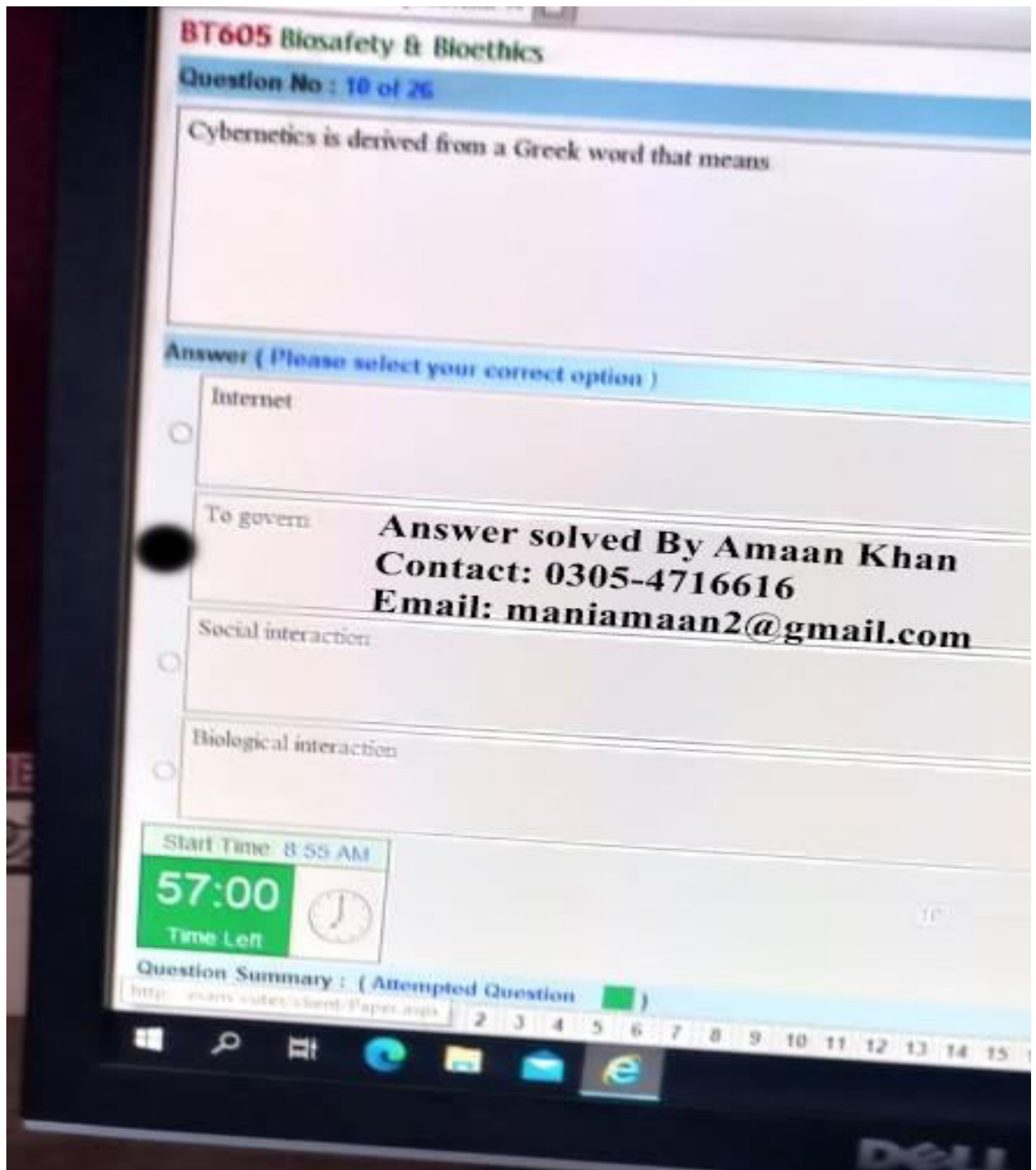
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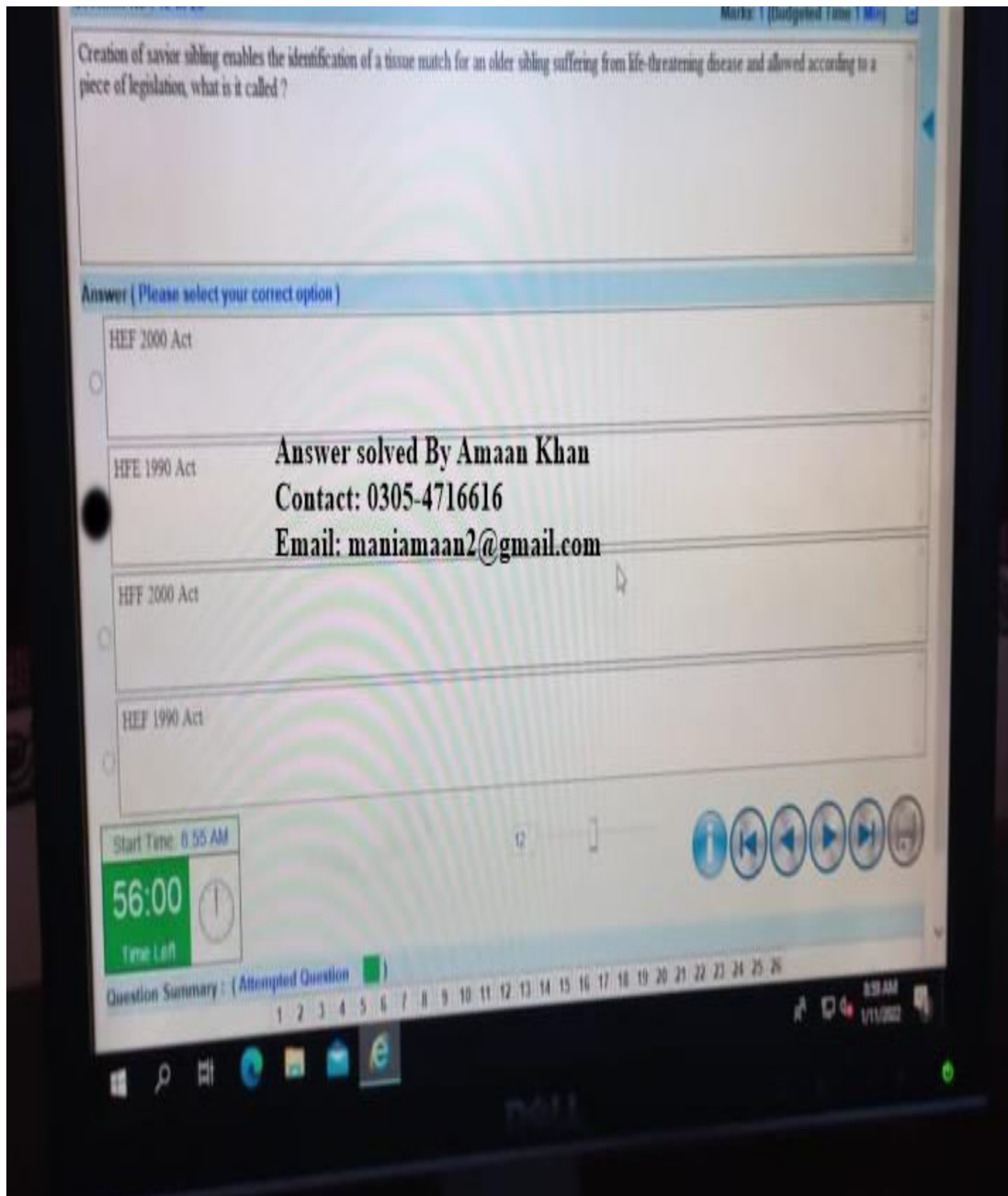
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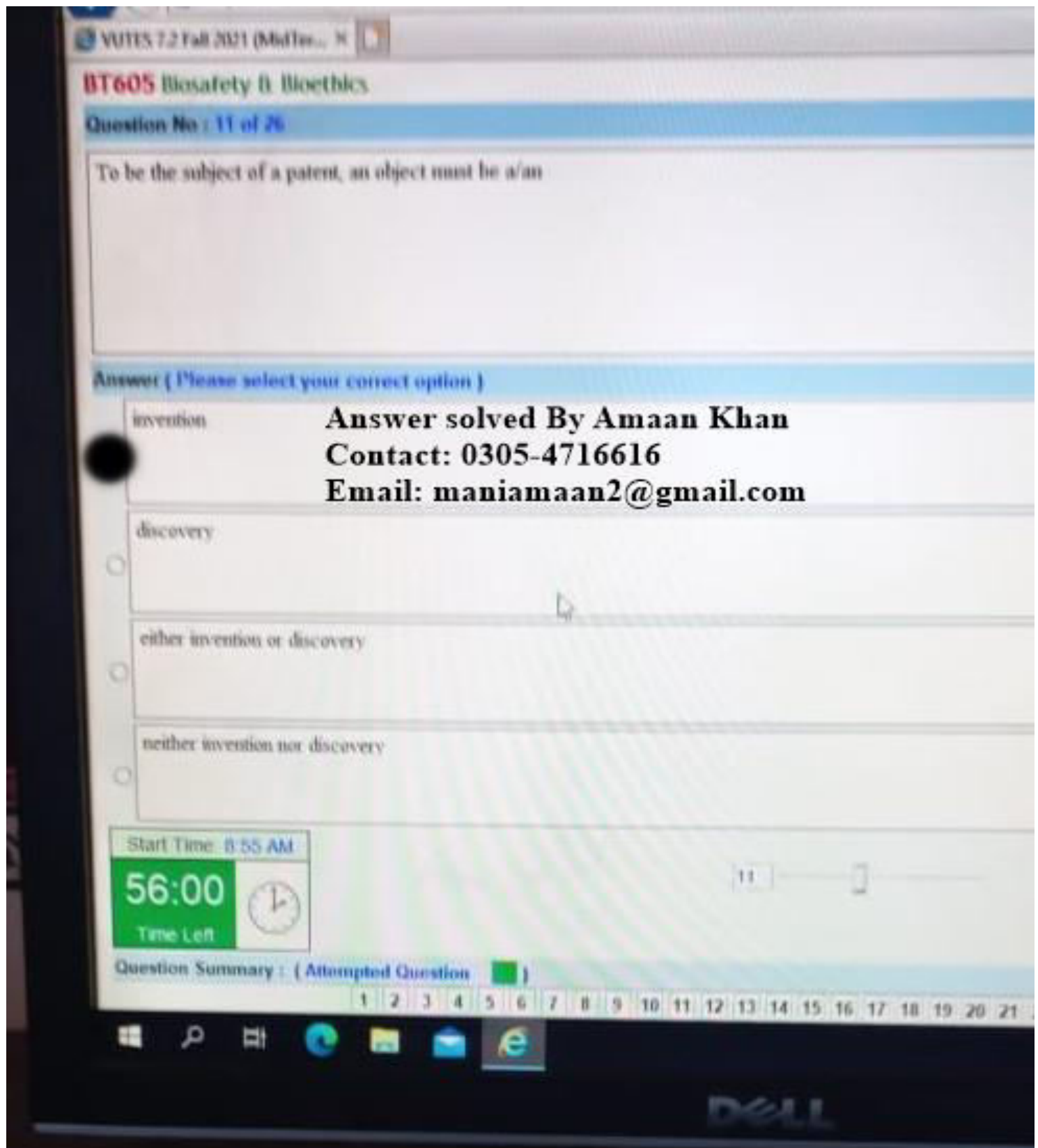
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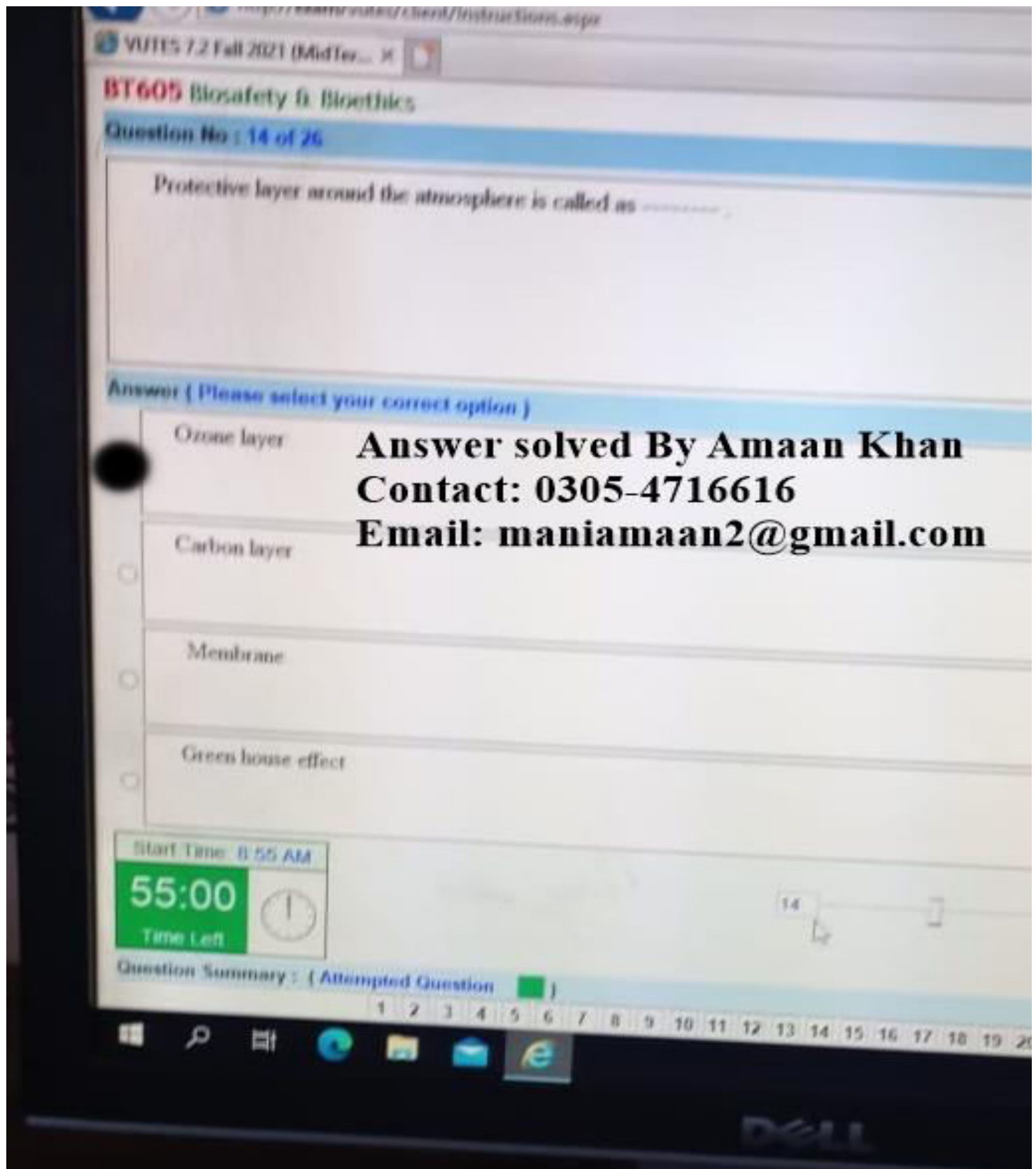
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Question No : 16 of 26

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

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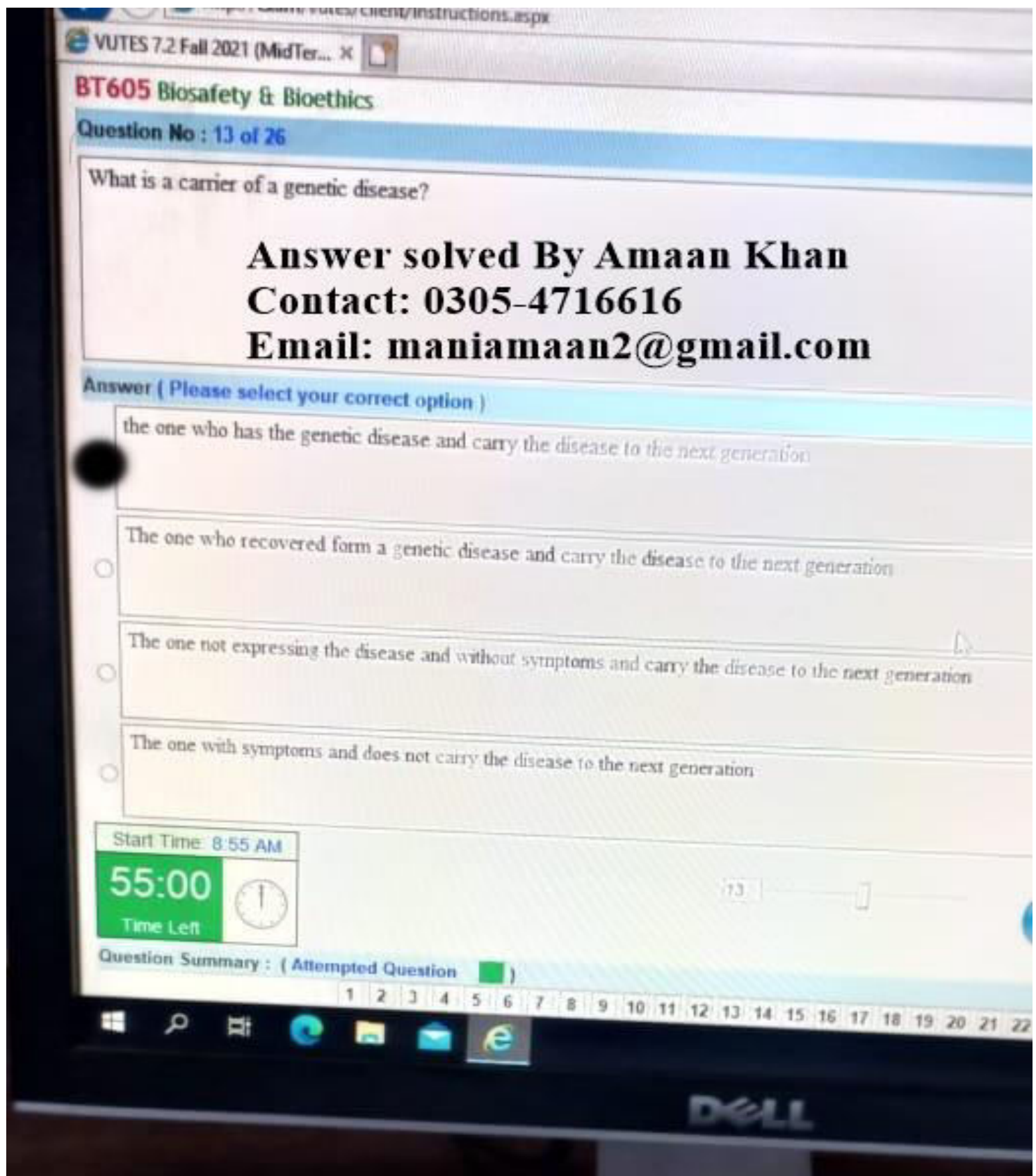
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BT605 Biosafety & Bioethics

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

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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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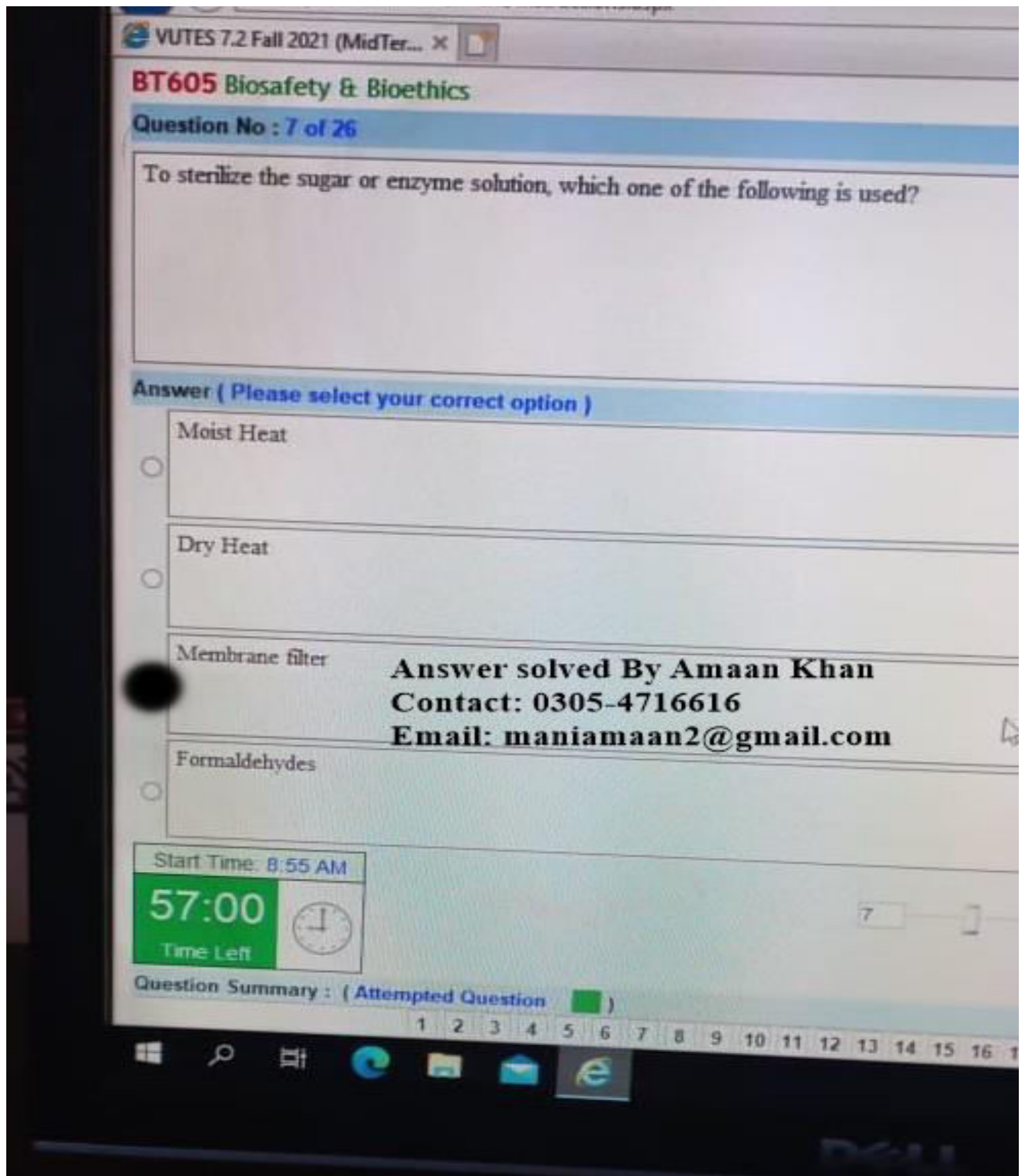
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DELL

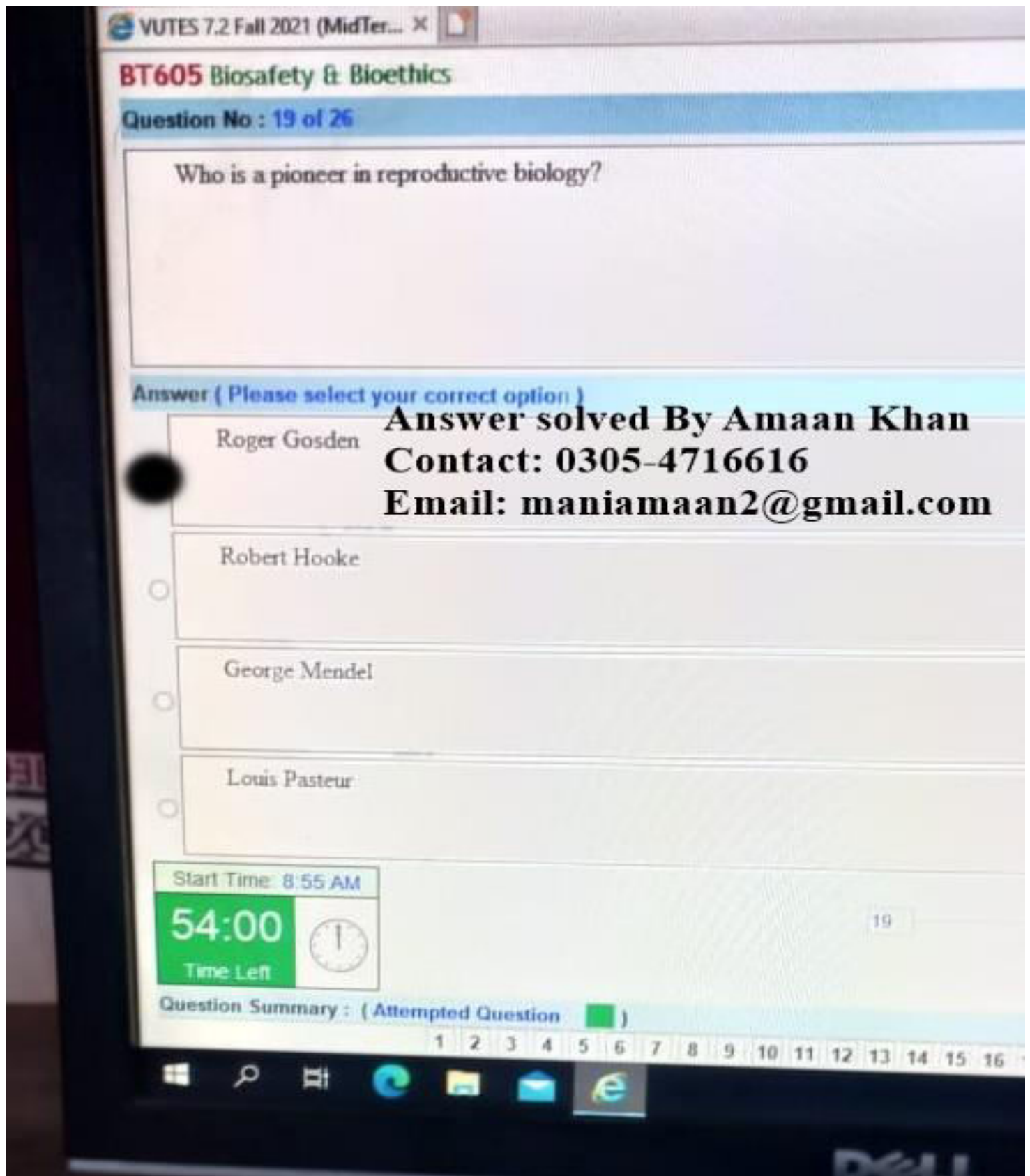
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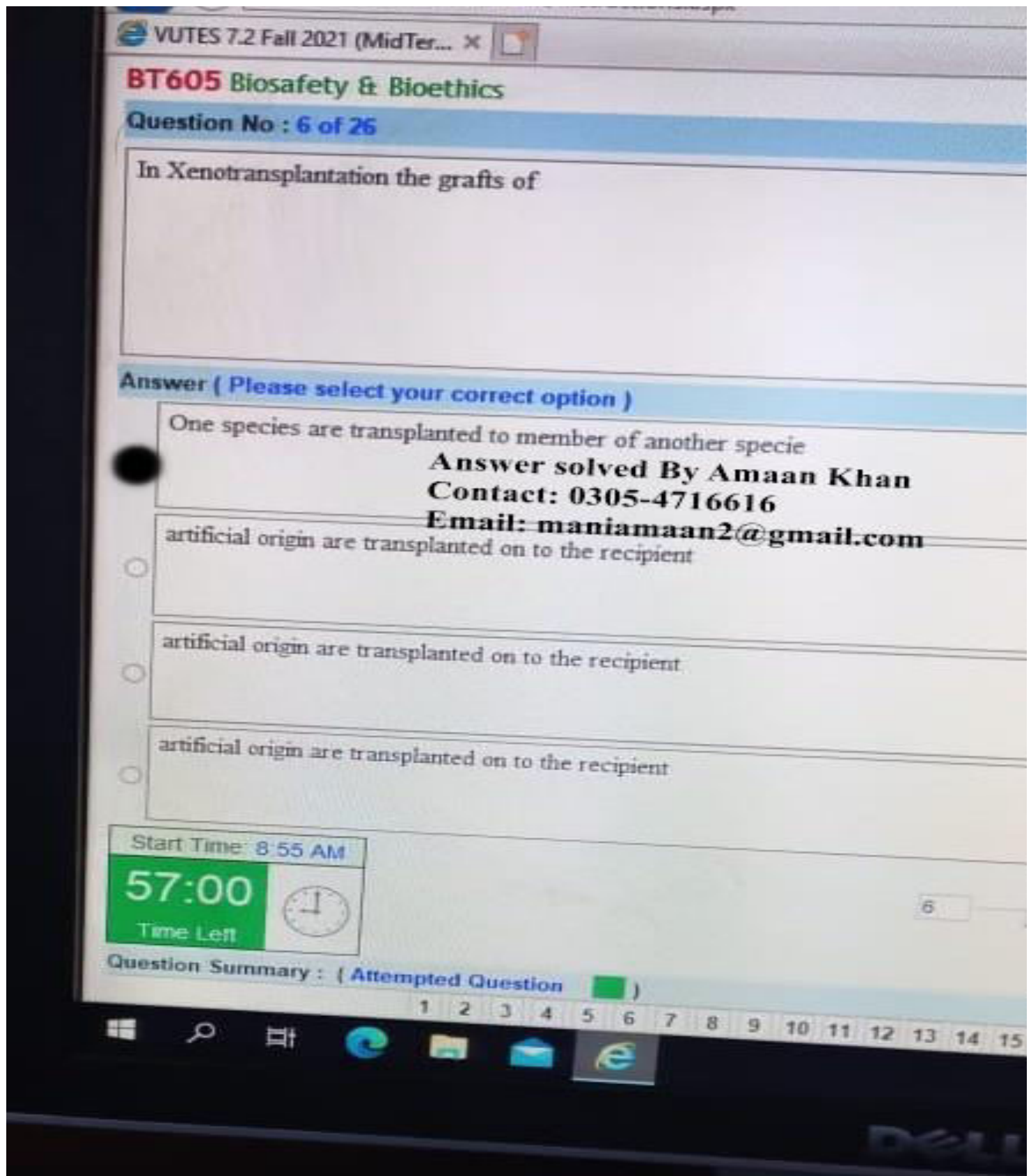
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Question No : 18 of 26

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

55:00
Time Left

Question Summary : (Attempted Question)

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

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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

Start Time: 8:55 AM

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Question Summary : (Attempted Question)

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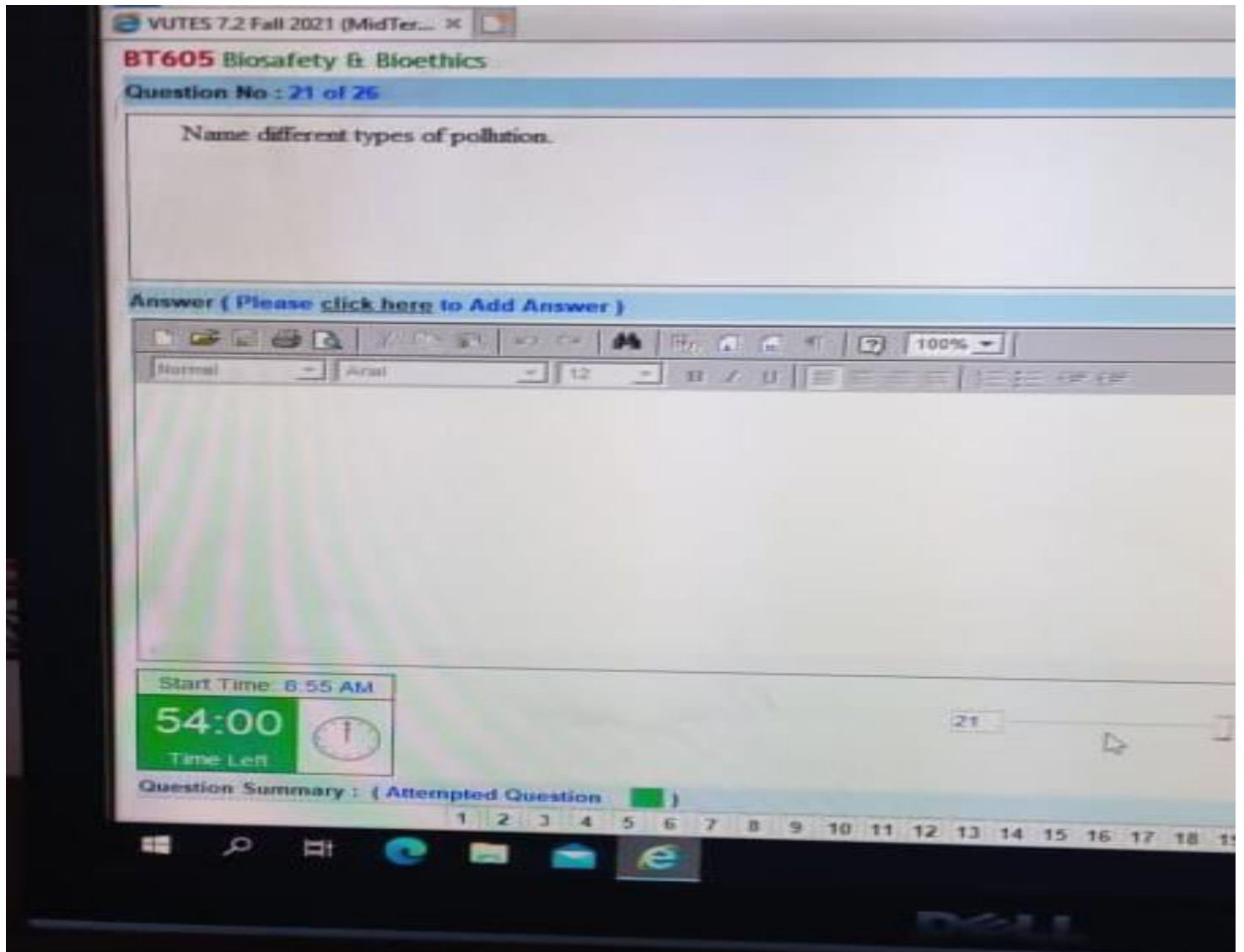
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Windows taskbar icons: Windows, Search, Task View, Edge, File Explorer, Mail, and a custom icon.

DELL

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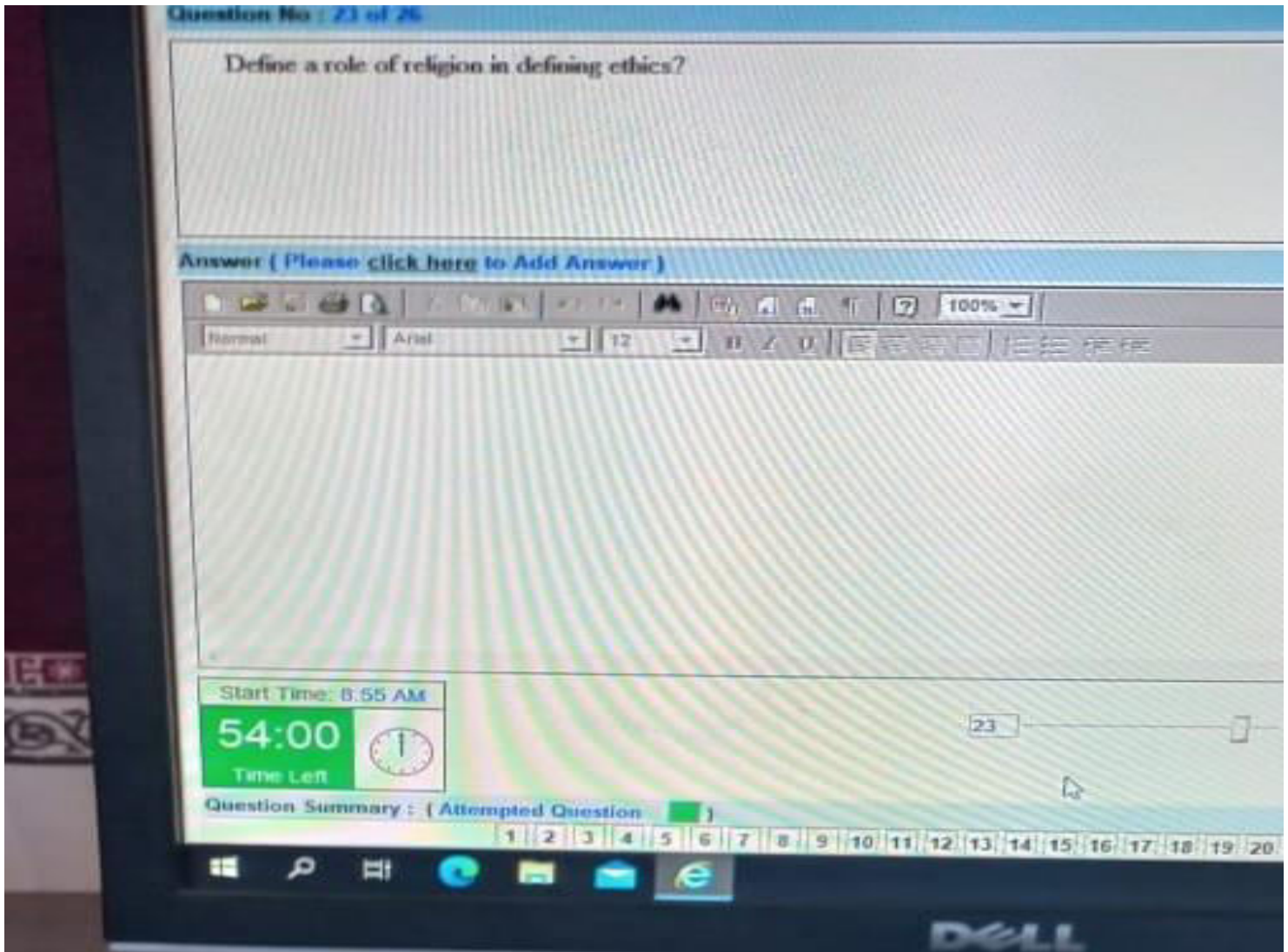


Answer:

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

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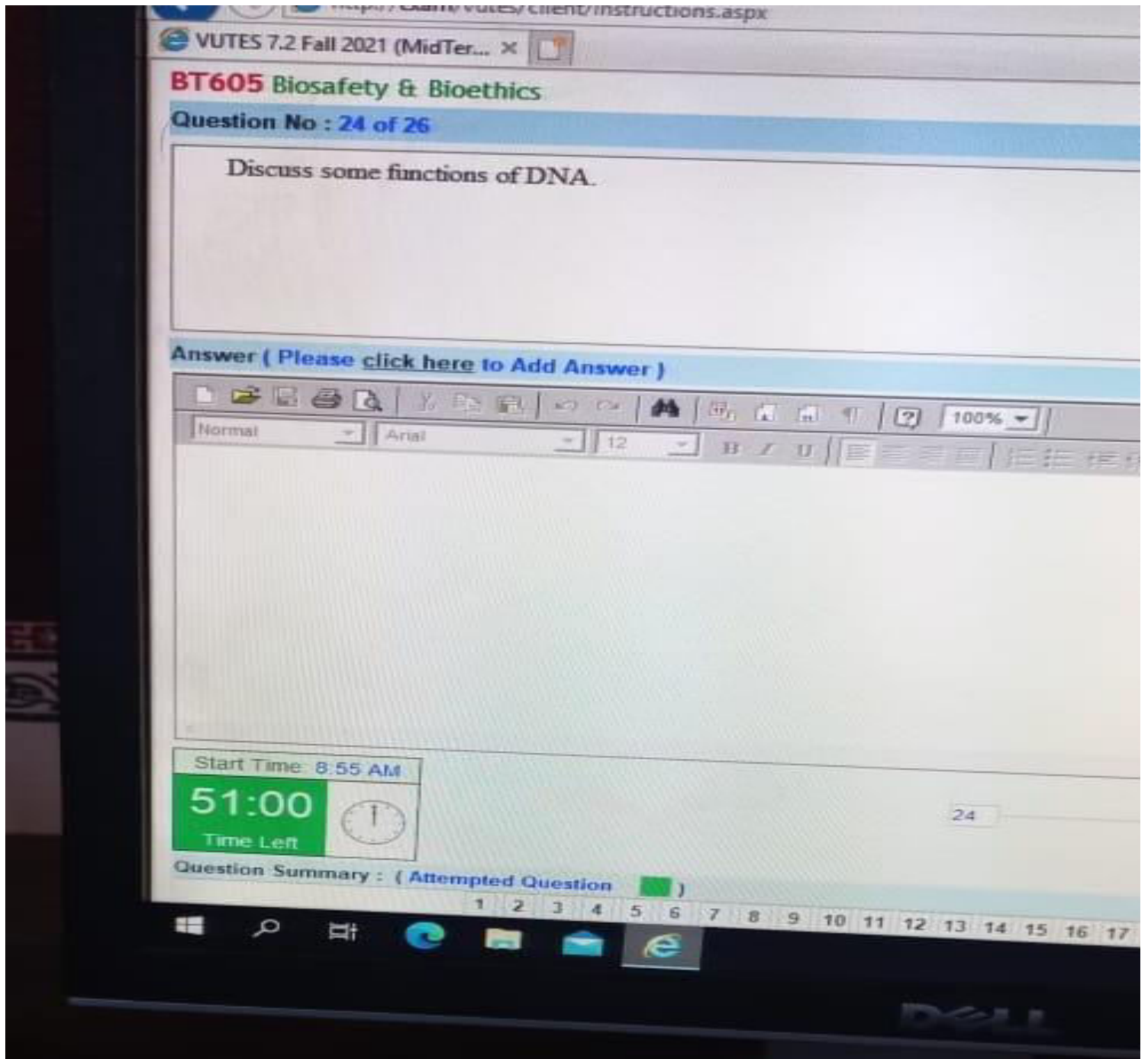
Answer:

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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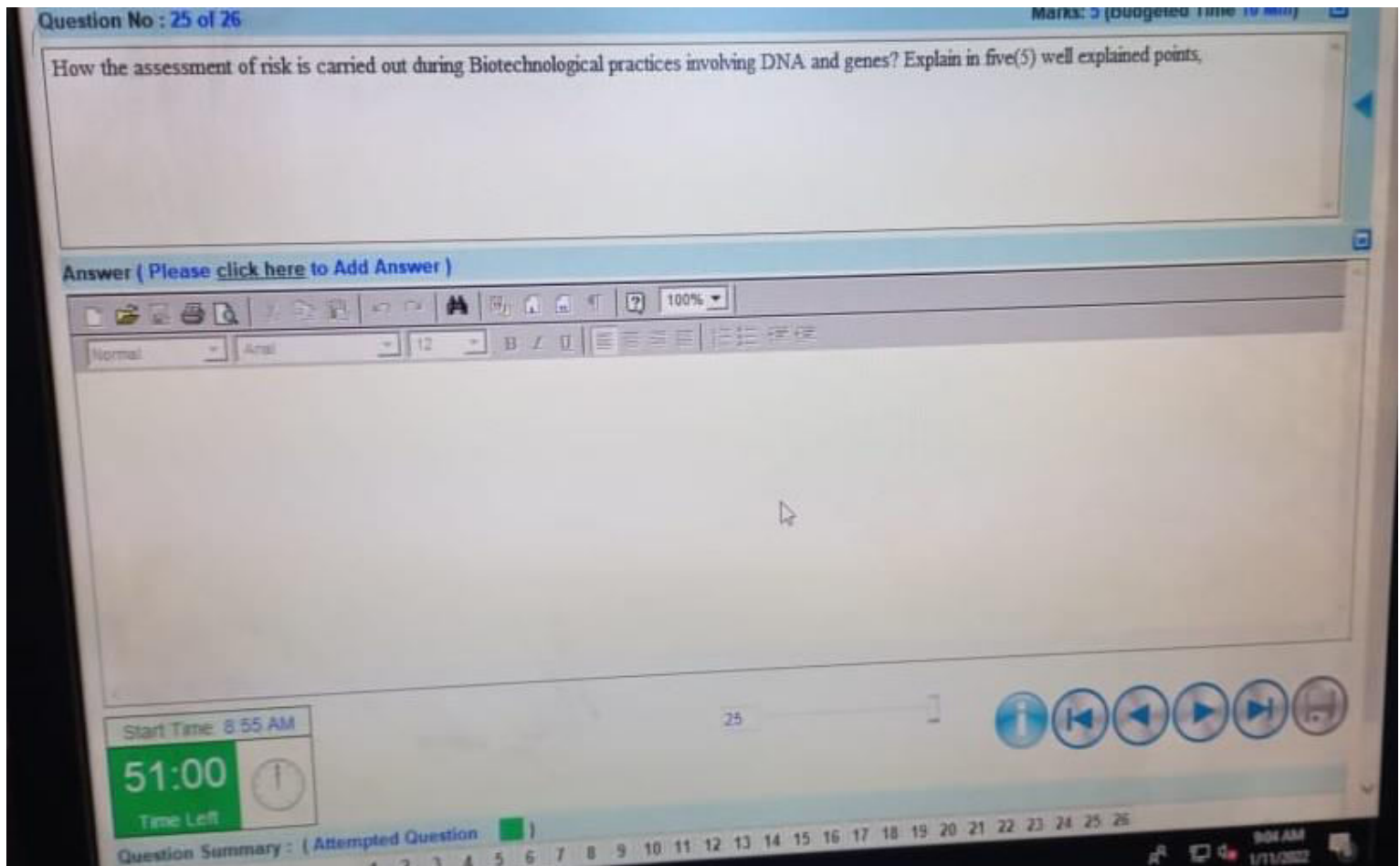


Answer:

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:

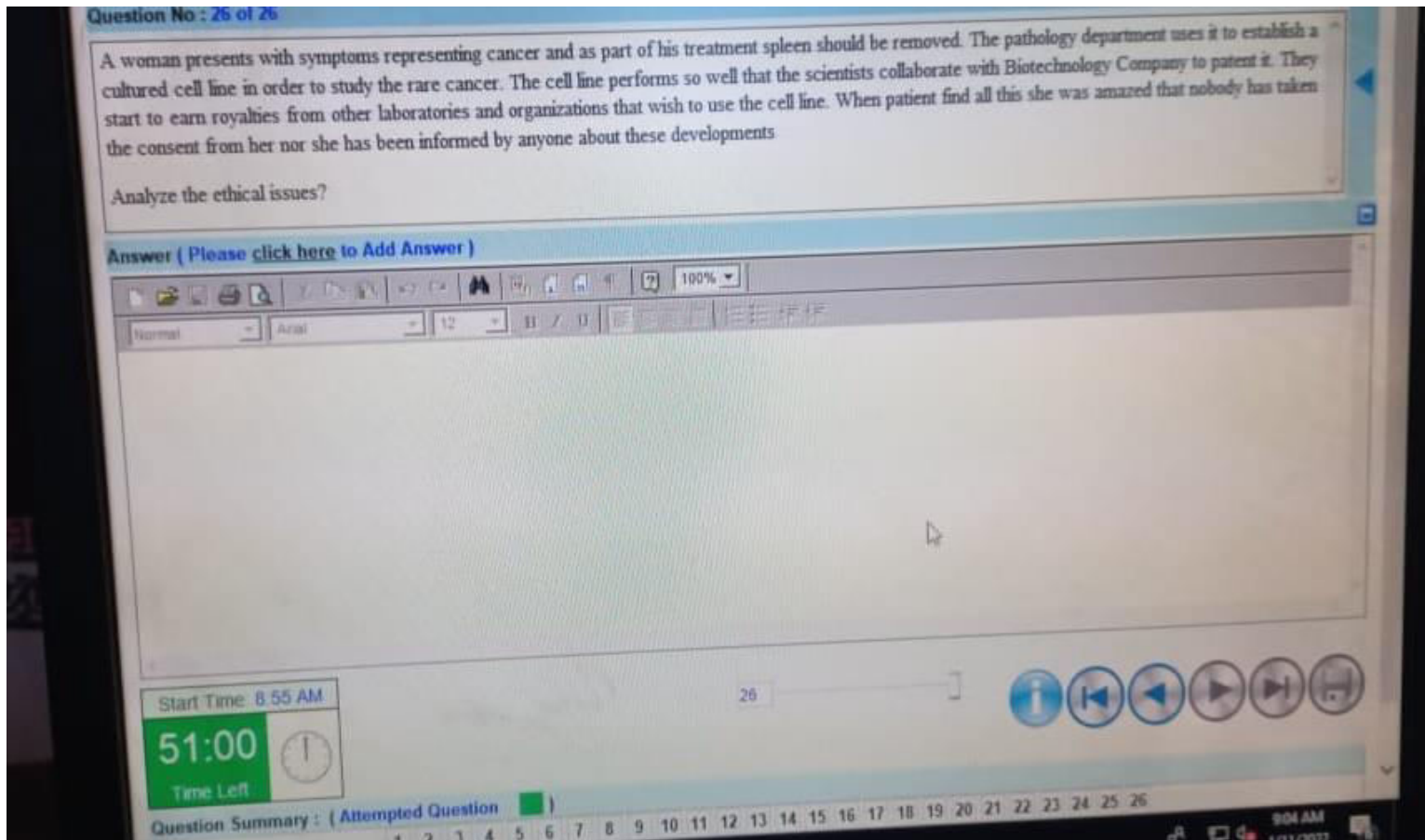
Assessment of risk:

- **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**