



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Sekolah Pendidikan
Profesional dan
Pendidikan
Berterusan
(SPACE)

**FINAL EXAMINATION / PEPERIKSAAN AKHIR
SEMESTER 2 – SESSION 2021 / 2022
PROGRAM KERJASAMA**

COURSE CODE : UHLB 1032
KOD KURSUS

COURSE NAME : INTRODUCTORY ACADEMIC ENGLISH
NAMA KURSUS

YEAR / PROGRAMME : 1 – ALL PROGRAMMES / 1 – SEMUA PROGRAM
TAHUN / PROGRAM

DURATION : 2 HOURS 30 MINUTES (INCLUDING SUBMISSION HOUR)
TEMPOH : 2 JAM 30 MINIT (TERMASUK MASA PENGHANTARAN)

DATE : JUNE / JUN 2022
TARIKH

INSTRUCTION / ARAHAN:

1. Answer ALL questions in the spaces provided in this question booklet.
(Jawab SEMUA soalan di ruang yang disediakan di dalam buku soalan ini).
2. Write your name, matric no., identity card no., course code, course name, section no. and lecturer's name on the first page (in the upper left corner) and every page thereafter on the answer sheet.
Tulis nama anda, no matrik, no. kad pengenalan, kod kursus, nama kursus, no seksyen dan nama pensyarah pada muka surat pertama (penjuru kiri atas) kertas jawapan dan pada setiap muka surat jawapan.
3. Each answer sheet must have a page number written at the bottom right corner.
Setiap helai kertas jawapan mesti ditulis nombor muka surat pada bahagian bawah penjuru kanan.
4. Answers should be handwritten, neat and clear.
Jawapan hendaklah ditulis tangan, kemas dan jelas menggunakan huruf cerai.

WARNING / AMARAN

Students caught copying / cheating during the examination will be liable for disciplinary actions
and the faculty may recommend the student to be expelled from sitting for exam.

Pelajar yang ditangkap meniru / menipu semasa peperiksaan akan dikenakan tindakan disiplin
dan pihak fakulti boleh mengesyorkan pelajar diusir dari menduduki peperiksaan.

This examination paper consists of 13 pages including the cover page
Kertas soalan ini mengandungi 13 muka surat termasuk kulit hadapan

ONLINE EXAMINATION RULES AND REGULATIONS
PERATURAN PEPERIKSAAN SECARA DALAM TALIAN

1. Student must carefully listen and follow instructions provided by invigilator.
Pelajar mesti mendengar dan mengikuti arahan yang diberikan oleh pengawas peperiksaan dengan teliti.
2. Student is allowed to start examination only after confirmation of invigilator if all needed conditions are implemented.
Pelajar dibenarkan memulakan peperiksaan hanya setelah pengesahan pengawas peperiksaan sekiranya semua syarat yang diperlukan telah dilaksanakan.
3. During all examination session student has to ensure, that he is alone in the room.
Semasa semua sesi peperiksaan pelajar harus memastikan bahawa dia bersendirian di dalam bilik.
4. During all examination session student is not allowed to use any other devices, applications except other sites permitted by course lecturer.
Sepanjang sesi peperiksaan pelajar tidak dibenarkan menggunakan peranti dan aplikasi lain kecuali yang dibenarkan oleh pensyarah kursus.
5. After completing the exam student must inform invigilator via the set communication platform (eg. WhatsApp etc.) about completion of exam and after invigilator s confirmation leave examination session.
Selepas peperiksaan selesai, pelajar mesti memaklumkan kepada pengawas peperiksaan melalui platform komunikasi yang ditetapkan (contoh: Whatsapp dan lain-lain) mengenai peperiksaan yang telah selesai dan meninggalkan sesi peperiksaan selepas mendapat pengesahan daripada pengawas peperiksaan.
6. Any technical issues in submitting answers online have to be informed to respective lecturer within the given 30 minutes. Request for re-examination or appeal will not be entertain if complains are not made by students to their lecturers within the given 30 minutes.
Sebarang masalah teknikal dalam menghantar jawapan secara dalam talian perlu dimaklumkan kepada pensyarah masing-masing dalam masa 30 minit yang diberikan. Permintaan untuk pemeriksaan semula atau rayuan tidak akan dilayan sekiranya aduan tidak dibuat oleh pelajar kepada pensyarah mereka dalam masa 30 minit yang diberikan.
7. During online examination, the integrity and honesty of the student is also tested. At any circumstances student is not allowed to cheat during examination session. If any kind of cheating behaviour is observed, UTM have a right to follow related terms and provisions stated in the respective Academic Regulations and apply needed measures.
Semasa peperiksaan dalam talian, integriti dan kejujuran pelajar juga diuji. Walau apa pun keadaan pelajar tidak dibenarkan menipu semasa sesi peperiksaan. Sekiranya terdapat sebarang salah laku, UTM berhak untuk mengikuti terma yang dinyatakan dalam Peraturan Akademik.

SECTION A: READING COMPREHENSION (50 marks)

Text I (35 marks)

Read the text carefully and answer all the questions that follow.

- I Foods that contain genetically altered ingredients are commonly known as Genetically Modified (GM) foods. To be genetically modified means that genes from plants or animals are taken and merged with genes from other different plants or animals. Though this kind of genetic modification is used both in plants and animals, it is found more commonly in the former than in the latter. It is done to change original plants so that people can benefit from the **altered** foods. There are many advantages of GM foods, nevertheless there are also some drawbacks.
- II Firstly, the benefit of GM foods is larger harvests can be obtained and this would eventually assist in combating food scarce among many nations in the world. This is because these foods grow faster than the foods that are traditionally grown. Therefore, the increased productivity provides the population with more food which is an advantage in places that experience frequent droughts and where the soil is unsuitable for agriculture. GM food crops can also be grown at places with unfavourable climatic conditions unlike a normal crop that can grow only in specific season or under some favourable climatic conditions. Though the seeds for GM foods are quite expensive, their cost of production is reported to be less than that of the traditional crops. This is due to the natural resistance property that GM foods have toward pests and insects. This **reduces** the necessity of exposing GM crops to harmful pesticides and insecticides and thus, making them free from chemicals.
- III Another advantage of GM foods is that they are useful in controlling the occurrence of certain diseases. This is due to the fact that by modifying the DNA system of certain plants, the properties that cause medical conditions such as allergies can be eliminated **successfully**. Besides that, GM foods are reported to be higher in nutrients and contain more minerals and vitamins than the traditionally grown foods. Another reason for people opting for GM foods is that they have an increased shelf life and hence there is less fear of foods getting spoiled quickly. Unlike traditionally grown foods, they also are known to taste better.
- IV Although GM foods sound promising, there are several disadvantages of this type of food. The first disadvantage of GM foods is the long term effects that they have on the environment. Based on the experiences of many countries over the last century, changes in agriculture have led to dramatic effects on the environment. For example, in Iowa USA, the introduction of a genetically modified crop in 1995 caused one species of insect that fed on the crop to grow higher in number than before. This caused extensive use of pesticides which had detrimental effects on the soil

and underground water system in that particular state. Many local newspapers **reported** that three rivers were badly polluted with pesticides and thousands hectares of farmlands had become infertile. It took almost 22 years to restore the polluted rivers and farmlands to their natural conditions and the amount of resources spent by the local authorities and federal farmland authorities was enormous.

- V The second disadvantage of GM foods is the effects that they have onto our health. According to many consumer health groups in the European countries and in the USA, consumption of these GM foods can cause our body to be immune to antibiotics. When this happens, then we are said to be antibiotic resistant. In many cases, if we suffer from antibiotic-resistant infections, we then require extended hospital stays and additional follow-up doctor visits. The treatment cost that we have to bear can be expensive. In addition, we also have to take alternative medicines to combat antibiotic resistance and the cost of these alternative medicines is not cheap.
- VI Besides, as GM foods are new inventions and many health effects are still unknown, many people prefer to stay away from these foods. Some consumers are still sceptical about the goodness of GM foods and they are in doubt about the safety in consuming such foods. Also, many manufacturers of GM foods do not **indicate** on the label that the foods are developed by genetic manipulation. This is because they think that by labelling such foods, it would affect their business. **What the manufacturers are doing can actually trigger more doubt and scepticism among consumers about GM foods.**
- VII Other than that, many religious and cultural communities see genetic modification as an unnatural way of producing foods. **Some religious authorities even label GM foods manufacturers as 'playing god'.** They are not comfortable with the idea of transferring animal genes into plants and vice versa. In the United States for instance, there is a crop that is known as the glowing corns. These corns glow in the dark because the genes are merged between the DNA of corns and fireflies. Besides, this genetic modifying method can cause damage to other organisms that grow well in the environment. In Australia for example, the genetic modified non-browning apples grown in farms have caused **serious** threat of extinction to two species of weed and insect that help to enrich soils.
- VIII In terms of economic growth, experts feel that with the increase of GM foods, developing countries would start depending more on industrial countries. This is because it is likely that the food production would be controlled by them in future. The livelihood of small-scale farmers in developing countries can be affected because they do not have huge capitals and the possibility of them selling their farms to huge farming corporates is high.

IX In conclusion, GM foods have many benefits for consumers, but they could also lead to many drawbacks. Therefore, governments, manufacturers and consumers must have clear understanding on the risks and advantages of GM foods so that any issues regarding the legislation, manufacturing and consumption can be resolved.

Adapted from <https://www.healthline.com/nutrition/gmo-pros-and-cons>

AI Match the main ideas with the corresponding paragraphs. Write the paragraph number in the spaces provided.

Main Idea	Paragraph
Continuing effects of GM foods on the environment	
Issues of GM foods among religious and cultural societies	
GM foods help to overcome insufficient food among many countries	
Effects of GM foods to our health	
GM foods are suitable in controlling particular diseases	
Consumers' doubt on GM foods	
Economic impact of GM foods on developing countries	

(7 x 1m= 7 marks)

All Answer the following questions based on the above text.

1. What is the central idea of the text?

(1 mark)

2. What does 'genetically modified' mean?

(1 mark)

3. What are the drawbacks of GM foods?

(2 marks)

4. Why are GM foods effective in controlling the occurrence of certain diseases?

(2 marks)

5. List **TWO** differences between GM food crops and traditionally grown crops.

i)

ii)

(2 x 1m = 2 marks)

6. How does the farming of GM crops affect the environment?

(2 marks)

7. a) Do all consumers accept GM foods willingly? Tick (/) the correct answer.

Yes ()

No ()

(1 mark)

b) Provide an example to support your answer.

(1 mark)

8. **What the manufacturers are doing can actually trigger more doubt and scepticism among consumers about GM foods.** (Paragraph VI).

What can be inferred from this sentence?

(2 marks)

9. **Some religious authorities even label GM foods manufacturers as 'playing god'.** (Paragraph VII).

What can be inferred from this statement?

(2 marks)

All State whether each of the following statements is **TRUE (T)** or **FALSE (F)**.

1. Genetic modification is found more commonly in animals. []
2. The resistance property that GM foods has toward harmful pesticides and insecticides made the cost of manufacturing them become quite expensive. []
3. GM foods can last longer than traditionally grown foods. []
4. The government has to spend a huge sum of money to restore contaminated rivers and lands. []
5. A person can be antibiotic resistant by taking GM foods. []
6. With the increase of GM foods, developing countries would most likely be in control in the food production. []

(6 x 1m = 6 marks)

AIV Circle the correct option that explains the meaning of each underlined word in the following sentences.

1. It is done to change original plants so that people can benefit from the altered foods.
A. reformed
B. changed
2. This reduces the necessity of exposing GM crops to harmful pesticides and insecticides and thus, making these foods free from chemicals.
A. lessens
B. downgrades
3. This is due to the fact that by modifying the DNA system of certain plants, the properties that cause medical conditions such as allergies can be eliminated successfully.
A. effectively
B. lucratively
4. Many local newspapers reported that three rivers were badly polluted with pesticides and thousands hectares of farmlands had become infertile.
A. stated
B. narrated
5. In addition, many manufacturers of GM foods do not indicate on the label that the foods are developed by genetic manipulation.
A. signify
B. reveal
6. In Australia for example, the genetic modified non-browning apples grown in farms have caused serious threat of extinction to two species of weed and insect that help to enrich soils.
A. stern
B. severe

(6 x 1m = 6 marks)

Text II (15 marks)

Read the text carefully and answer all the questions that follow.

- I The internet is now an important part of many people's lives. People use it to get information, to communicate and to be entertained. However, recent studies showed that people can get too preoccupied with internet surfing especially with online games. For these people, online games provide challenges through competitions, relaxation, enjoyment, social interaction, and escapism from the real world. The table below shows online gamers by age group in Malaysia in March 2020.

Age (Years)	Gamers (%)	Non-Gamers (%)
16 - 24	73	27
25 - 34	68	34
35 - 44	52	48
45 - 54	37	63
55+	30	70

Table 1: Online Gamers by Age Group in Malaysia in March 2020.

- II Playing online games compulsively and persistently can cause significant impairment in the gamers' behaviour. They also can experience symptoms of withdrawal such as irritability, anxiety or sadness when not playing games. When they are engrossed in internet games, certain pathways in their brains are triggered in a similar way that a drug addict's brain is affected by a particular substance. The gaming prompts a neurological response that gives feelings of pleasure and reward which can be manifested as an addictive behaviour.
- III Internet Gaming Disorder (IGD) is a serious problem and can be considered as a psychiatric disorder. It is estimated to be higher in Asian countries and in male teenagers between the ages of 12 and 20. One study reported the prevalence was 8.4 per cent for males and 4.5 per cent for females. Those who experience IGD are preoccupied and unable to control their addiction to internet games. Therefore, they are not interested in other hobbies and entertainment. They use internet games to escape or relieve negative moods such as feelings of helplessness, guilt and anxiety. As a result, IGD may lead to failures in school and relationship as well as job loss.

Besides, compulsive gaming behaviour tends to cause the gamers to ignore social, academic and family responsibilities.

IV Computer game addiction needs to be addressed as soon as it is recognised. This is because it causes significant impairment in many areas of life. To handle this game addiction, any rules around gaming should be consistently enforced and limits must be set. In addition, computers or game consoles should be placed in common areas at home for easier supervision. Finally, self-control and self-discipline are the best preventive measures in controlling computer game addiction.

Adapted from:
<http://www.myhealth.gov.my/en/online-gaming-addiction-internet-gaming-disorder/>

1. List **FOUR** reasons why people turn to online games.

- i) _____
- ii) _____
- iii) _____
- iv) _____

(4 x ½m = 2 marks)

2. Based on Table 1, which of the following statement is **FALSE**? Circle your answer.

- A. There was a higher percentage of 25 – 34 years old gamers than 45 – 54 years old gamers.
- B. There was a higher percentage of 16 – 24 years old non-gamers than 55 + years old gamers.
- C. There was a lower percentage of 45 – 54 years old gamers than 35 – 44 years old non-gamers.

(2 marks)

3. Based on Table 1, which of the following statement is **TRUE**? Circle your answer.

- A. The highest percentage of gamers were from 55+ group of age.
- B. The lowest percentage of gamers were from 16 - 24 group of age.
- C. The percentage of gamers from 25 - 34 age group were twice the percentage of non-gamers of the same age group.

(3 marks)

4. What will happen when someone becomes addicted to online games?

(2 marks)

5. Which gender and age group are categorised as IGD sufferers in Asian countries?

(2 marks)

6. List **TWO** consequences of IGD.

i) _____

ii) _____

(2 x 1m = 2 marks)

7. How can computer game addiction be prevented?

(2 marks)

SECTION B: WRITING (10 marks)

Situation:

Cyberbullying involves victims who are constantly being humiliated or belittled on social media. While normal bullying usually engages victims with physical abuse, cyberbullying affects victims psychologically and emotionally and the effects are more detrimental compared to physical abuse.

Task:

Study the bar chart below and write the introduction, analysis and conclusion under the headings given.

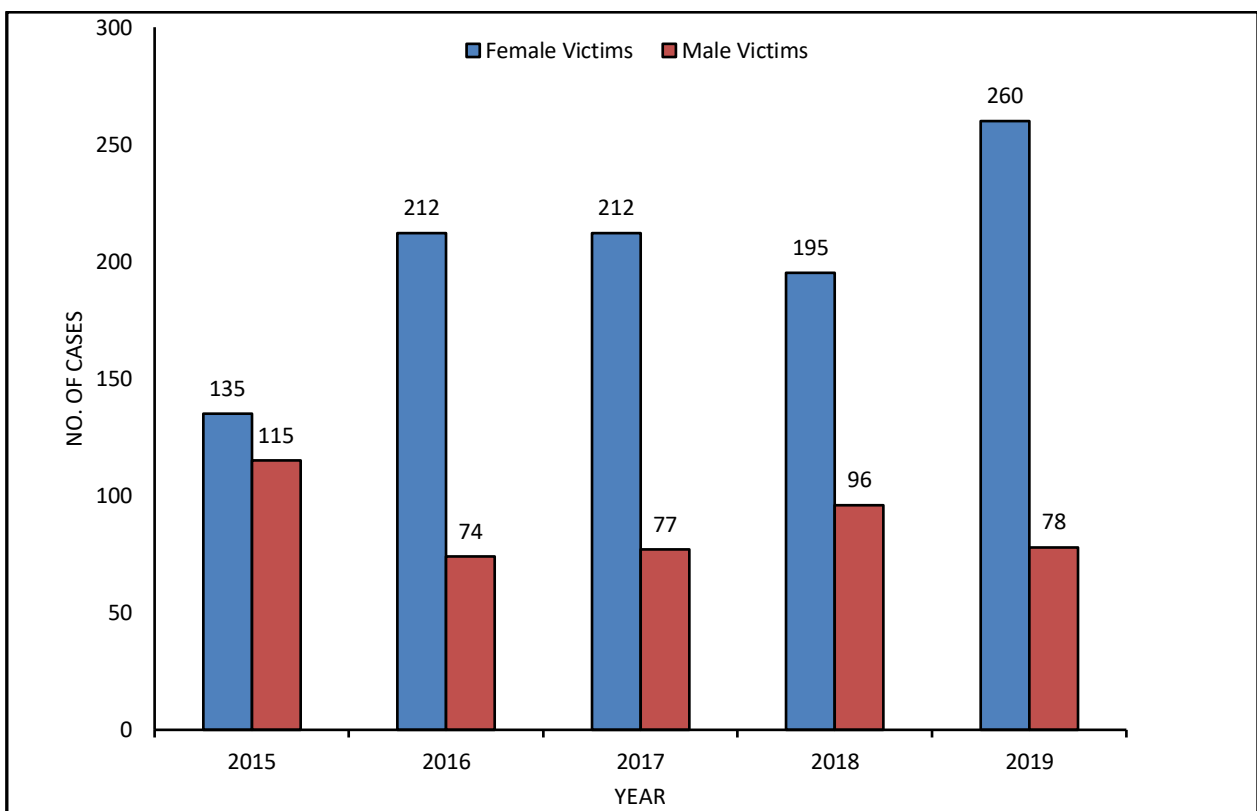


Figure 1: Cyberbullying Cases in Malaysia, 2015-2019

Adapted from: On the Alert for Cyberbullying
<https://www.msn.com/en-my/news?ocid=wispr>

1.0 Introduction

(2 marks)

2.0 Analysis

2.1 Describe the trend of cyberbullying cases in Malaysia.

(2 marks)

2.2 Compare the number between female victims and male victims in 2018.

(2 marks)

2.3 Analyse the number of cyberbullying victims between 2016 and 2017.

(2 marks)

3.0 Conclusion

Provide a conclusion by summarising the analysis.

(2 marks)

END OF QUESTION PAPER