



**UNIVERSITI KUALA LUMPUR
BUSINESS SCHOOL**

**FINAL EXAMINATION
FEBRUARY 2024 SEMESTER**

COURSE CODE : KFP04403
COURSE NAME : ENGLISH FOR ACADEMIC PURPOSES 2
PROGRAMME NAME : FOUNDATION IN BUSINESS
DATE : 27 JUNE 2024
TIME : 2.00 PM – 5.00 PM
DURATION : 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. Please **CAREFULLY** read the instructions given in the question paper.
2. This question paper has information printed on both sides of the paper.
3. This question paper consists of **THREE (3)** sections. **Section A, Section B and Section C.**
4. Answer **ALL** questions in **Section A, Section B and Section C.**
5. Please write your answers on the answer booklet provided.
6. All questions must be answered in **English** (any other language is not allowed).
7. **This question paper must not be removed from the examination hall.**

THERE ARE NINE (9) PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A: (Total: 30 MARKS)

INSTRUCTION: Answer ALL questions.

Please use the answer booklet provided.

AN ATOM APART

- I Walking through a cloud of gnats or flies on a hot summer day and only having them to be following around even though running away from them or after swatting at them, they still won't leave. Being in this situation has something in common with an atom. Atoms are the basic particles of the chemical elements. An atom consists of a nucleus of protons and generally neutrons, surrounded by an 5
electromagnetically bound swarm of electrons. The chemical elements are **distinguished** from each other by the number of protons that are in their atoms.
- II Atoms are the stacks of **molecules**, which when they are combined, they make up everything. From the smallest one-celled amoeba, to every living thing that has ever lived, to the largest and brightest stars in the sky or even the galaxy, atoms are 10
everywhere.
- III Going way back in the time of the ancient Greece, the people wondered about atoms. That's where the word 'Atom' came from the word A'tomos in ancient Greece, when translated into English, the word means: something that cannot be divided any further. During those times, no one could really describe what an atom look like. 15
Even up until very recently no one could say one way or another.
- IV Technically an individual atom cannot be seen through any technology yet, since there are no microscopes powerful enough to capture the atoms beauty. While the **technology** has been improved and is improving all the time, it may not be long until a whole atom can actually be seen through a special microscope. Even though 20
scientists cannot see these atoms with any technology or microscopes, **they** have developed ways to detect them and learn about them.
- V Being said that atoms are made up of three basic parts; protons, neutrons, and electrons. Scientists described the atom having a **core**, or nucleus, and an electron cloud. The nucleus is made up of positively charged protons and neutral neutrons 25
and is held closely together by the electromagnetic force. The negatively charged electrons are bound to the nucleus, and zap around **it** in a cloud.

VI Just like the cloud of gnats or flies zapping around a person is a picture of how the electrons zipping around the nucleus. There are different ways that atoms can be classified. **They** can be classified into elements, like oxygen, carbon, or hydrogen. All of the elements known to man so far can be found on the periodic table. The number of protons of an atom decides the chemical element. The number of electrons defines the atom's chemical properties, like its melting temperature and boiling point. 30

VII Going further, the study of atoms and tiny particles that are even smaller is called Quantum Mechanics. Quantum Mechanics is a **fundamental** theory in physics that describes the behavior of nature at and below the scale of atoms. It is the foundation of all quantum physics, which includes quantum chemistry, quantum field theory, quantum technology, and quantum information science. Scientists still have much to learn about atoms. Studying Quantum Mechanics and finding a brand new element is **spectacular**. 35 40

VIII First fun fact about atoms are atoms are mostly empty space. The nucleus of an atom is extremely dense and contains nearly all of the mass of each atom. Electrons contribute very little mass to the atom (it takes 1,836 electrons to equal the size of a proton) and orbit so far away from the nucleus that each atom is 99.9% empty space. If the atom was the size of a sports arena, the nucleus would be the size of a pea. Although the nucleus is much **denser** compared with the rest of the atom, **it** too consists mainly of empty space. 45

IX Next, there are over 100 different kinds of atoms. About 92 of them occur naturally, while the **remainder** are made in labs. The first new atom made by man was technetium, which has 43 protons. New atoms can be made by adding more protons to an atomic nucleus. However, these new atoms (elements) are unstable and can **decay** into smaller atoms instantaneously. Usually a new atom can be known when **it** was created by identifying the smaller atoms from this decay. 50

X Last but not least, although atoms are the smallest unit of an element, they consist of even tinier particles called quarks and leptons. An electron is a lepton. The average atom is about one-tenth of a billionth of a meter across. The largest atom (cesium) is approximately nine times bigger than the smallest atom (helium). Protons and neutrons consist of three quarks each. And the most **abundant** type of atom in the universe is the hydrogen atom. Nearly 74% of the atoms in the Milky Way galaxy are hydrogen atoms. 55 60

Adapted from Lesly Cargile

Question 1

Give the meaning of the following underlined words as used in the passage.

- a) distinguished (line 7)
- b) molecules (line 8)
- c) technology (line 19)
- d) core (line 24)
- e) fundamental (line 36)
- f) spectacular (line 41)
- g) denser (line 47)
- h) remainder (line 50)
- i) decay (line 53)
- j) abundant (line 59)

(10 marks)

Question 2

What do the following underlined **PRONOUNS** refer to in the passage?

- a) they (line 21)
- b) it (line 27)
- c) They (line 30)
- d) it (line 47)
- e) it (line 54)

(5 marks)

Question 3

Identify the paragraphs for the following main ideas.

- 1. Atoms are just like a deserted place.
- 2. Atoms can be found anywhere.
- 3. Protons, neutrons, and electrons are basic parts of an Atom.
- 4. An atom cannot be seen technically.
- 5. Some atoms are made in labs.

Paragraph _____

Paragraph _____

Paragraph _____

Paragraph _____

Paragraph _____

(5 marks)

Question 4

Based on the passage what is name of the biggest atom and the smallest atom? How big is the biggest atom than the smallest atom?

(2 marks)

Question 5

According to the passage given, list down the **THREE (3)** basic parts of atoms.

(3 marks)

Question 6

The author begins this article by comparing a cloud of gnats to an atom. In this scenario, what do the gnats represent? What does the person walking through the gnats represent?

(2 marks)

Question 7

What is Quantum Mechanics?

(1 mark)

Question 8

"Scientists still have much to learn about atoms. Studying Quantum Mechanics and finding a brand new element is spectacular."

Based on this phrase in paragraph 7, in your opinion, would you create your own atom? Explain your reasons.

(2 marks)

SECTION B (Total: 50 MARKS)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**Fill in the blanks with the **CORRECT PREPOSITION**

Alif Satar, who graduated (1) _____ (of, from) the University of North Carolina two years ago, is now doing graduate work (2) _____ (in, on) engineering (3) _____ (at, to) Georgia Tech. He expects to receive his Master's degree (4) _____ (by, in) next June. After that, he plans to accept a job (5) _____ (as, like) a technician (by, with) an oil company (in, at) South America.

Jim was walking (6) _____ (across, over) the campus (in, at) noon when he met a friend whom he had not seen (7) _____ (since, during) summer. They stopped (8) _____ (in front of, around) the gymnasium and sat down on the steps. After they had talked (9) _____ (for, during) about 30 minutes, Jim said, "I have to go (10) _____ (toward, to) Jefferson Hall actually. Why don't you drop by some afternoon after class hours?

(10 marks)

Question 2

Write the sentence again with the **CORRECT ARTICLES** (a, an, the, or - omission) when necessary. Example: I love to eat salmon. Answer: I love to eat (-) salmon.

1. Is that vicious lion I see?
2. Will you go for walk with me at the park?
3. City of Singapore is one the cleanest city in the world.
4. Sun gives light to the flowers.
5. Snakes are deadly animals disliked everywhere.
6. Not sound was heard in that motel.
7. If you want to buy car, you must have money.
8. Can you please give answer to my question?

(8 marks)

Question 3

Fill in the blanks with the **CORRECT FORM** of **VERBS** in the bracket.

Use the **SIMPLE PRESENT, PRESENT CONTINUOUS, PRESENT PERFECT, PRESENT PERFECT CONTINUOUS, SIMPLE PAST OR AUXILIARY VERBS FOR PAST TENSE.**

1. We cleared the undergrowth in the garden when we _____ (hear) a hissing sound and saw the cobra.
2. Katy _____ (hold) on tightly to the ladder while Timmy climbed up to the roof to get the tennis balls.
3. Terry _____ (cough) so badly last night that she couldn't sleep.
4. I was going to visit my aunt last Friday but I _____ (not, got) the time to visit.
5. The movie this afternoon is very entertaining. I _____ (not, feel) bored at all.
6. Tony _____ (count) the money and kept it away in security bags to be taken to the bank.
7. Sara _____ (tell) the story about what the accident that happened in the tree house, for so many times but we just laughed at it.
8. At the showroom, while the salesman was pointing out all the exciting features of a new car to Dad, Mom was distracted and _____ (still, dream) of another model.
9. Joan was going to take up medicine but she _____ (decide) to do pharmacy instead.
10. I was feeling ill so I excused myself from all the work and _____ (do, yoga) instead.

(10 marks)

Question 4

Fill in the blanks with any **TWO SUITABLE ADJECTIVES** for each noun.

There was once a (1) _____ boy who liked to play (2) _____ tricks. (3) _____ day, while he was watching over the (4) _____ herd, the boy decided to play a trick by crying out, "Wolf! Wolf!". The (5) _____ people heard and rushed over to help him but they were disappointed when they saw no (6) _____ wolf, the boy laughed at them. The next day, he did it again, and people rushed to his aid, only to be disappointed again. On the third day, the boy saw a (7) _____ wolf devouring one of his (8) _____ sheep and cried for help but the (9) _____ people heard him and thought this was another of the boy's (10) _____ pranks, so no one came to help him. On that day, the boy lost some of his sheep to the wolf.

(10 marks)

Question 5

Fill in the blanks with the **CORRECT FORM** of **VERBS** in the box. You can use each word in the box **ONCE ONLY**.

Use the **SIMPLE PRESENT, PRESENT CONTINUOUS OR PERFECT PRESENT**.

go	continue	mean	cook
require	wish	finish	wait
be	make	can	dream

Muhammad Mohsin is a regular staff nurse that (0) is looking (look) after his two children all by himself. He (1) _____ of being a medical officer as its earning is very substantial for his future. However, when his wife passed away, his (2) _____ had to be postponed or never coming true as he is now fully responsible in taking care of his children. Being a medical officer (3) _____ a person to be away for months from their family. So as a single parent, Mohsin (4) _____ no longer pursue his dream.

Being a staff nurse (5) _____ that his working hours are regular. Therefore, Mohsin's everyday routine is always the same. Morning until lunch hour, he works. Then, at lunch time, he (6) _____ home to (7) _____ sure that his two daughters are ready and does not forget their lunch box before going to school. Sometimes not having the time to eat for himself or care for himself.

Mohsin is also overloaded with the house chores. After he (8) _____ his shift at 6PM, before starting the house chores, he (9) _____ while he (10) _____ for his two daughters to arrive home. After dinner, he (11) _____ to do the house chores and the two daughters get ready for bed by themselves. Before sleep, his older daughter will let him know "You (12) _____ the strongest person when mom passed away" A reminder for him to keep going strong.

(12 marks)

SECTION C (Total: 20 MARKS)**INSTRUCTION: Answer the question.****Please use the answer booklet provided.**

Write a summary about:

- The **REASONS** for celebrating Teacher's Day in India.
- Your summary **MUST** be in continuous writing
- Write less than 120 words.
- Marks will be given for the use of own words, but you should not change the original meaning.

TEACHER'S DAY IN INDIA

A teacher is someone who acts as a guide and inspiration to people. Being both young and old, a teacher is in charge with the responsibility of giving knowledge, creating awareness as well as opening the students' mind by instilling values, morals, and ethics. Teachers also come across numerous challenges in their daily activities such as the unappreciative culture by the community as well as dealing with disciplinary issues of the students. Therefore, their efforts can be recognised during Teacher's Day. Teacher's Day shapes the minds of society in annually celebrating, contributing to the development of Teachers' Day. Teacher's Day is celebrated across the world. The International Teachers Day is on 5th of October but in India, the society celebrates the Teacher's Day on the 5th of September because this is actually the birthday date of the former President of India, Dr.Sarvepalli Radhakrishnan. The schools mark the festival by holding cultural activities, other fun activities and remembering Dr. Radhakrishnan.

In India, the first ever reason Teacher's Day is being celebrated is to honour the teachers. Teachers are respected and honoured for their important contribution in shaping the individuals. The contributions and efforts made by teachers should not be unnoticed. Teacher's Day seeks to celebrate the efforts of the teachers. The next reason why Teacher's Day is celebrated is to hold in great aspect of Dr.Sarvepalli Radhakrishnan who was known as a man of many great qualities and attributes. Dr.Radhakrishnan was the second President and the first Vice President in India. Dr.Radhakrishnan is one of world's best and most

influential twentieth-century scholars of comparative religion and philosophy. Dr. Radhakrishnan's defense of the Hindu traditions is highly influential, both in India and the western world. Thus the reason Teacher's Day in India is celebrated on his birthday.

Being said that, Teacher's Day in India is to shape the society's minds in annually contributing to the development of Teachers' Day. There are many activities and ideas can be contributed on their Teacher's Day. As an example of a Teacher's Day in 2023, students from senior classes dress up as teachers, act as teachers and monitor junior students, teachers relax and enjoy attending cultural activities prepared by students. The role reversal also helps them put themselves in their teachers' shoes. The teachers or society can also plan a food party where everyone can celebrate while having the stomach fed. The fourth reason to celebrate Teacher's Day in India is to express gratitude. People can be busy and forget to express gratitude. Teacher's Day is an opportunity to give gratitude to the teachers and express love and care to them. Additionally, a perfect opportunity for students to be creative by giving a Teachers' Day card or gift, write a poem or create a piece of artwork. Teachers can feel happy when they know that their students are learning something and their work is not in vain.

Lastly, Teacher's Day in India is celebrated to create memories in the teaching institution. The memories are created not only for the teachers but also for the students and families that attend the event. Memories such as giving blessings, taking pictures together, reminiscing a get-together especially in the class is memorable. Teachers play an important role in the development of any country. Teachers are the backbone of the nation and prepare the younger generation for a brighter future. This is vital to set aside a day when the teachers are given the recognition they deserve by celebrating Teachers' Day honouring their contribution of Teachers in people's lives, their duties undertaken in the upbringing of children is immense and thus being recognised with Teachers' Day is a fun way for the society to recognise their profession and the role they play in society.

END OF EXAMINATION PAPER