

DEVOIR DE FIN DE SEMESTRE N°1

PART ONE: READING COMPREHENSION: (18pts)

A) Choose the most suitable title for the text:

- 1) Why Everyone Wants to Go to the Moon
- 2) Going to the Moon, an Adventure Fraught with Danger
- 3) The Challenges Facing some Nations to Explore the Moon

B) Indicate whether the following statements are True or False. Justify with details from the text.

- 1) Never before has a robotic probe reached the remotest side of the moon.
- 2) Russia may not implement its manned mission to the moon for financial reasons.
- 3) Political leaders in the US have always considered lunar exploration as a national priority.

C) Complete the sentences on the answer sheets with information from the text.

D) What were some of NASA's achievements after the end of the Apollo program?

E) Complete the table on the answer sheets with information from the text.

F) Find in the text words having the closest meaning to:

- 1) speed (§3)
- 2) plan (§3)
- 3) emphasize (§4)
- 4) defeated (§5)

G) What do the underlined items in the text refer to?

- 1) its (§1)
- 2) this month (§2)
- 3) it (§4)
- 4) they (§5)

PART TWO: LANGUAGE TASKS: (10pts)

TASK ONE: Choose the correct alternative: (5pts)

Online learning has been on the rise in recent years, and it's really not hard (1)(**seeing / to see / see**) why. First, e-Learning courses have become (2)(**rarely / purely / mainly**) popular by the simple virtue of being so much (3)(**convenient / more convenient / most suitable**) than traditional face to face courses. Students can fit them around their existing responsibilities and commitments and can engage with multimedia content and learning materials at (4)(**whatever / whenever / however**) time is most suitable to them. Even better, they (5)(**can't / ought / don't have**) to travel anywhere to study. They can simply (6)(**surf / log / cruise**) in to the virtual campus from the comfort of their own home or office. There's a second reason why online learning (7)(**has become / became / becomes**) so popular: it's cheaper. Cost can often be a prohibitive factor in why individual students (8)(**aren't / don't / haven't**) enroll in courses they're interested (9)(**at / on / in**). This is also an issue for corporations wishing to encourage their employees to undergo further training (10)(**but / so / because**) don't have much of a budget for conferences and training courses. Online courses are easily accessible on much smaller budgets.

TASK TWO: Express the following sentences differently starting as given on the answer sheets: (5pts)

- 1) He is too weak to be able to walk.
- 2) We should hurry up; otherwise we will be late for the meeting.
- 3) Although they are poor, they always help others.
- 4) Tunisian surgeons have recently performed a delicate telesurgery successfully.
- 5) I read the story in one sitting because it was very interesting.

PART THREE: WRITING TASKS :(12pts)

TASK ONE: Correct the underlined mistakes on the answer sheets: (2pts)

The International Federation of Robotics has predicted a worldwide increase in the adoption of industrial robots. Rapid advances in (1) technologies automation have the potential to improve work conditions but also (2) introducing workplace hazards in manufacturing workplaces. Despite the (3) luck of occupational surveillance data on injuries associated (4) specificly with robots, researchers identified 61 robot-related deaths between 1992 and 2015.

TASK TWO: Reorder the following sentence parts to get a coherent paragraph: (2pts)

- a) beat the reigning world champion, Garry Kasparov, in a series of six games.
- b) entered into the cultural lexicon of a major milestone in the advancement of AI.
- c) In 1997, chess computer Deep Blue, created by IBM,
- d) The Deep Blue Victory has since

ESSAY :(8pts)

Teleworking is thought to have various benefits for both the employer and the employee as well as for the environment.

Develop this idea in a 15-line essay.

1/ Something of a new lunar race is underway, but the motivations differ from what put men on its surface 50 years ago. Everyone, it seems, wants to go to the moon now.

2/ In January, Chang'e-4, a Chinese robotic spacecraft including a small rover, became the first ever to land on the far side of the moon. India is aiming to launch Chandrayaan-2 this month, its first attempt to reach the lunar surface. In the coming decades, boots worn by visitors from these and other nations could add their prints to the lunar dust. The European Space Agency has put out a concept of an international "moon village" envisioned for sometime around 2050. Russia has also described plans for sending astronauts to the moon by 2030, at last, although many doubt it can afford the cost.


3/ In the United States, which sent 24 astronauts toward the moon from 1968 to 1972, priorities shift with the whims of Congress and presidents. But NASA in February was suddenly pushed to pick up its pace when Vice President Mike Pence announced the goal of putting Americans on the moon again by 2024, four years ahead of the previous schedule.

4/ For India, reaching the moon would highlight its technological advances. China would establish itself as a world power off planet. For the United States and NASA, the moon is now an obvious stop along the way to Mars. The fascination with Earth's celestial companion is not limited to nation-states. A bevy of companies has lined up in hopes of winning NASA contracts to deliver experiments and instruments to the moon. Blue Origin, the rocket company started by Jeff Bezos, founder and chief executive of Amazon, is developing a large lander that it hopes to sell to NASA for taking cargo — and astronauts — to the moon's surface.

5/ For three decades after the end of the Apollo program, few thought much about the moon. The United States had beaten the Soviet Union in the moon race. After Apollo 17, the last visit by NASA astronauts in 1972, the Soviets sent a few more robotic spacecraft to the moon, but they soon also lost interest in further exploration there. NASA in those years turned its attention to building space shuttles and then the International Space Station. Its robotic explorers headed farther out, exploring Mars more intensely, as well as the asteroid belt and the solar system's outer worlds.

6/ NASA has named the new moon program Artemis, after Apollo's sister in Greek mythology. Its first mission would be a crewless test of the Space Launch System, a big rocket already in development. It is scheduled for late 2020. The second flight — the first with astronauts aboard — would zip around the moon, but not land, in 2022. On the third flight, in 2024, astronauts would first travel to Gateway, an outpost in orbit around the moon, and from there take another spacecraft to the lunar surface, somewhere near its South Pole.

Adapted from The New York Times, July 2019

INSTITUT PREPARATOIRE AUX ETUDES D'INGENIEUR DE SFAX		A.U. : 2019/2020 Niveau : 1ère année Epreuve : Anglais Durée : 2 heures Nom:..... Prénom:..... Groupe:.....N°/Place:..... Matricule:.....Salle:.....
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DEVOIR DE FIN DE SEMESTRE N°1
ANSWER SHEETS

PART ONE: COMPREHENSION QUESTIONS: (18pts)

A) The Most Suitable Title: (1.5pt)

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B) True or False Statements: (4.5pts)

1) (.....).....
.....

2) (.....).....
.....

3) (.....).....
.....

C) Sentence Completion: (2.5pts)

1) India's project to reach the moon is an opportunity to.....
.....while China's lunar
program aims to.....
..... On the other hand, for the US, going back to the
moon is obviously a

2) As a partner to NASA, the private sector intends to
.....

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D) Some of NASA's achievements: (2pts)

- 1)
- 2)
- 3)
- 4)

E) Table Completion: (3.5pts)

NASA's New Moon Program (Artemis)

	Expected year	Mission(s)
First flight
Second flight
Third flight	a) b)

F) Vocabulary Items: (2pts)

- 1)
- 2)
- 3)
- 4)

G) References: (2pts)

- 1)
- 2)
- 3)
- 4)

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PART TWO: LANGUAGE TASKS: (10pts)

TASK ONE:(5pts)

1)	6)
2)	7)
3)	8)
4)	9)
5)	10)

TASK TWO:(5pts)

- 1) He isn't
- 2) Unless
- 3) Despite
- 4) A delicate telesurgery
.....
- 5) It was such

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PART THREE: WRITING TASKS: (12pts)

TASK ONE: Mistake Correction: (2pts)

Mistake	Correction	Mistake	Correction
1.technologies automation	1.	3.luck	3.
2.introducing	2.	4.specificly	4.

TASK TWO: Reordering :(2pts)

1:	2:	3:	4:
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Essay : (8pts)

[illegible]