



UNIVERSITÀ  
POLITECNICA  
DELLE MARCHE

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Centro di  
Supporto per  
l'Apprendimento  
delle Lingue  
**CSAL**

SELEZIONE PUBBLICA, PER TITOLI ED ESAMI, PER L'ASSUNZIONE CON CONTRATTO DI LAVORO  
SUBORDINATO A TEMPO INDETERMINATO IN REGIME DI TEMPO PIENO (36 ORE SETTIMANALI)  
DI N.1 UNITA' DI PERSONALE CATEGORIA D1 AREA TECNICA, TECNICO-SCIENTIFICA ED  
ELABORAZIONE DATI PRESSO IL CENTRO DI SUPPORTO PER L'APPRENDIMENTO DELLE LINGUE  
DELL'UNIVERSITA' POLITECNICA DELLE MARCHE (O.D. n. 448 del 25.11.2020).

# PROVA ORALE

# 4 GIUGNO 2021

LA PROVA ORALE SI SVOLGE IN LINGUA INGLESE.



### Question 1:

Outline the main strategies that the language tutor/facilitator can adopt to encourage University students (average class participation: 80/90 students) to improve their writing skills while attending a F2F English language course with an overall duration of 22 hours, consisting of one 2-hour classroom session per week.

### Question 2:

Read the passage below (*Artificial intelligence*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*AI is rapidly changing the way things work, how they work and how much we work as a result. It is gradually becoming a part of every industry and integrating these technological advancements will soon become the norm. While the media and popular culture often paint an insidious man vs robots picture, in reality, AI has many upsides and is already proving to be hugely beneficial for businesses. In particular, it will play a key role in stimulating growth by increasing sales, boosting productivity and improving customer satisfaction. The Mckinsey Global Institute projected that AI could help to generate an additional \$13 trillion by 2030, boosting global GDP by about 1.2 per cent a year.*

*AI is already making huge waves in the restaurant industry and transforming the way it operates. Many well-known corporations have started adopting the latest innovative technologies and are using them to improve customer service, cut costs, streamline their operations and automate manual tasks for speed and efficiency.*

### Question 3:

Open EXCEL

1. Unite the cells in line 1, columns A, B, C, and D, and insert the title "ENGINEERING TEST RESULTS" in the centre.
2. Insert the following numbers in column B:  
123456  
789101  
213141
3. Order the data from highest to lowest and save the file as "Results" on the desktop.



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# PROVA ORALE

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LA PROVA ORALE SI SVOLGE IN LINGUA INGLESE.



### Question 1:

Outline the main strategies that the language tutor/facilitator can adopt to encourage the active participation of a large group of University students (average participation: 150 students) attending an English language course with an overall duration of 50 hours, consisting of two 2-hour online classroom sessions per week.

### Question 2:

Read the passage below (*Cytology*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*It is customary to divide the development of cytology into three periods. From 1875 to 1900, the nucleus of the cell and the process of mitosis were studied, often by using an achromatic lens. This is a lens which refracts white light without breaking it up into its component colours. The later developed apochromatic lens is more highly corrected for colour aberrations.*

*In the period from 1900 to 1940 more precise methods of fixing and staining became available to researchers and methods of light microscopy were improved. A fresh awareness of Mendel's work led to the study of chromosomes and genetics from 1900 to 1925, while from the latter date and up to 1940 interest centred on the cytoplasm. It had already been ascertained that the cell consists of a nucleus, contained by a nuclear membrane, and cytoplasm, which occupies the rest of the cell. By 1940 certain features of the cytoplasm were detectable, including the cylindrical centrioles, but much was postulated and investigations were limited by the techniques available.*

### Question 3:

Open EXCEL

1. Insert the following headings in columns A, B and C:  
Candidate Number Email
2. Use the function in the layout tab to make sure that these headings will be repeated on each page of the document.
3. Save the file on the desktop.



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### Question 1:

Outline the main strategies that the language tutor/facilitator can use to engage University students (average class participation: 20 students) attending an intensive F2F course, with timetabled classes of 4 hours per day for 2 weeks with an overall duration of 40 hours.

### Question 2:

Read the passage below (*Effects of water pollution*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

#### *Effects of Water Pollution*

*The effects of water pollution are various and all of them are negative. Some of them can even be considered highly dangerous because they can cause up to thousands of human deaths per day. Overall, there aren't any harmful effects of water pollution that cannot be avoided but some are either too expensive to stop and others are happening at a scale that is perfectly natural and do not cause extreme levels of contamination.*

#### *Aquatic Animals Death*

*Fish, seabirds, marine life and other animals become victims of water pollution caused mostly by toxic waste and plastic pollution. The tiny plastic pieces that are being thrown around in the Pacific Ocean jeopardize marine life across the Earth by entangling it or poisoning it. Almost any death of animals caused by water contamination is the consequence of a human act.*

#### *Diseases*

*Eating polluted seafood can give you hepatitis that is hard or even almost impossible to cure. Cholera and diarrhea cause the deaths of thousands of people every day in less developed countries due to the lack of clean water resources. The main reason for this is uncivilized living, the absence of water treatment and lack of financial resources that may somehow secure bottled water for the people.*

### Question 3:

Open EXCEL

1. Insert the following numbers and percentages in columns B and C:  
1234567     45%  
8910111     96%  
2131415     25%
2. Number the list.
3. Order the list, according to percentages, from highest to lowest, and save on the desktop in a folder named "RESULTS".



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# PROVA ORALE

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LA PROVA ORALE SI SVOLGE IN LINGUA INGLESE.



### Question 1:

Outline the main strategies that the language tutor/facilitator can use to enhance speaking skills in a large group of University students (average 150 participants) during a F2F course with an overall duration of 30 hours.

### Question 2:

Read the passage below (*Geological considerations*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*The heavy weight of structures must be borne by the land surfaces upon which they are built. However, the substructure of the soil and earth is not always what it seems to be from the surface. Therefore, before the building can begin, experts must take samples of soil through borings.*

*No matter what the structure, it must be supported by a sturdy foundation. This foundation links the structure to the earth and makes it possible for the earth to bear the weight of the structure. If well-designed and built the foundation will keep the structure from shifting or sagging.*

*When foundations are designed it is important to understand the nature of the ground on which they will rest. Geologists and soil engineers examine the soil at the proposed building sites and report their findings to the designer who will take these facts and design the structure so that it will stand up well under the soil conditions.*

### Question 3:

Open EXCEL

1. Insert the following names and registration numbers in columns A, B and C:

Peter Gabriel 123456

David Bowie 789012

Elton John 345678

2. Widen column C and align data left.
3. Order the data by surname and save the file as "Participants" on the desktop.





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# 4 GIUGNO 2021

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### Question 1:

Outline the main strategies that the language tutor/facilitator can adopt to encourage a large group of University students (average participation: 100 students) to improve their listening skills while attending a F2F English language course with an overall duration of 44 hours, consisting of two 2-hour classroom sessions per week.

### Question 2:

Read the passage below (*Social Media*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*According to statistics, people now check their phone every ten minutes and spend 90% of that time in messaging and social media platforms. This rise in social media use has meant companies need to establish and maintain a strong presence on these platforms while thinking about ways they can tap into their following to boost sales. To achieve this, an increasing number of companies are now using tools such as chatbots and Domino's success story is a great example. The company's bot, known as "Dom", was created by enhancing their [Facebook Messenger chatbot](#) to incorporate AI technology that can take customer orders using conversational technology. Its interface also allows customers to browse the menu and pay without needing to leave the bot. While there are no specific statistics available, in 2015 the company attributed a staggering \$4.7 billion in "global digital sales" to its investments in implementing innovative technology. Other companies following suit are chains such as Subway, TGI Friday, Starbucks and Burger King who aim to capture a generation that now prefers digital communication over more traditional methods. Bot technology is advancing at such a rapid rate it can now upsell food pairings, recommend different food options, answer questions and engage in general chat and make jokes, almost as if you were talking to a friend!*

### Question 3:

Open EXCEL

1. Insert the following information in columns A, B and C:  
John Smith PASS  
Tim Brown PASS WITH MERIT  
Peter Jones FAIL
2. Copy the information onto another page of the same spreadsheet and rename it.
3. Save the file in a folder named "Pass\_Fail" on the desktop.



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# 4 GIUGNO 2021

LA PROVA ORALE SI SVOLGE IN LINGUA INGLESE.



### Question 1:

Outline the main strategies that the language tutor/facilitator can adopt to encourage extensive reading in a large group of University students (average participation: 150 students) while attending a F2F English language course with an overall duration of 30 hours, consisting of one 3-hour classroom session per week.

### Question 2:

Read the passage below (*The Lungs*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*The lungs and the pleural cavities are lined by the pleura, a membrane of fibrous tissue surfaced by a single layer of squamous epithelium. In each cavity the pleura lines the thoracic wall, the upper surface of the diaphragm and the mediastinal surface. At each lung root the pleura is reflected from the mediastinum to form a layer which covers the surface of the lung. Thus, each lung lies enclosed in a pleural sac, just as the heart lies enclosed in the pericardial sac, and again two layers of serous membrane are adjacent.*

*The pericardium and the pleura have the same function, namely to provide two slippery surfaces so that the structures contained within can move without friction. The thoracic cavity is a very mobile area. The heart is in rhythmic pulsation and changes its position a little between systole and diastole; the lungs also are in rhythmic motion, gliding down and up; the oesophagus dilates with each bolus; and the great veins expand considerably during increased blood flow.*

### Question 3:

Open EXCEL

1. Insert the following information in columns A, B and C named Surname, Name and Registration Number:  
Jackson Michael 123456  
Pitt Brad 987654  
Turner Tina 567890
2. Move column C to the left so it becomes the first column.
3. Save the file in a folder named 'Celebrities' on the desktop.



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### Question 1:

Outline the main strategies that the language tutor/facilitator can adopt to overcome the challenges of developing speaking skills in a large group of University students (average participation: 150 students) attending an English language course with an overall duration of 50 hours, consisting of two 2-hour online classroom sessions per week.

### Question 2:

Read the passage below (*Farm ponds*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*Weather conditions strongly affect the success of farming activities. Dry spells damage crops and make it necessary to haul water for livestock. A good farm pond will often prevent such damage and inconvenience. Furthermore, farm ponds may be valuable in many other ways. They can supply water for fire protection, orchard and garden spray, fish production and recreation for waterfowl and other wildlife.*

*Farm ponds should be properly planned and constructed however, if they are to fulfil their intended purpose. Certain basic principles must be followed in the design and construction of ponds to get the right pond with the least amount of expense and labour. The main use you have in mind generally determines how large a pond is needed and where it should be built.*

*Let us first consider the case of livestock. Water is as important as forage in the production of livestock. Although the forage on pasture land may be palatable and plentiful, livestock will not thrive unless it has all the water it needs. Ponds for livestock should be available in each pasture or grazing unit. They should be spaced so that the livestock does not have to travel more than 370 metres to water in rough, broken areas or more than 1 and a half kilometres in level areas. This spacing encourages uniform grazing.*

### Question 3:

Open EXCEL

1. Insert this information in columns A, B and C:  
Giulio Marcellini 75%  
Sara Paziente 45%  
Carla Pirozzi 69%
2. Insert the following footnote: Less than 70% = Fail
3. Save file on the desktop.



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# PROVA ORALE

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### Question 1:

Outline how the language tutor/facilitator should organise a blended English language course for a large group of University students (average participation: 100 students) with an overall duration of 44 hours, consisting of one 2 - hour classroom session per week and at least 2 hours per week of self-study, so that there is a balance between the 4 skills to be tested in the final exam.

### Question 2:

Read the passage below (*The Potential Hazards of 3D Printing*) and answer the following questions:

1. What level of the CEFR would this passage be suitable for? How did you arrive at that decision?
2. Identify 2 words that you think would be difficult to understand for Italian University students at that level. What definitions would you give for these words in a glossary?
3. How could the language tutor/facilitator adapt this passage for use on an LMS, such as Moodle?

*3D printing hazards can include breathing in harmful chemicals or compounds, skin exposed to harmful chemicals or solvents, and the risk of fire and explosion. Keep in mind that some printers operate at extremely high temperatures, which could also mean the user is at risk of getting burned.*

*Nevertheless, the hazards associated with 3D printing can vary depending on precisely what type of equipment, materials, and setup are being used. For instance, some printers utilize fine powders that can cause skin or respiratory hazards, while others may utilize ABS filaments that produce hazardous emissions upon heating. Two primary threats come along with exposure to ultrafine particles (UFPs) and volatile organic compounds (VOCs).*

*UFPs are actually referred to as nanoparticles because they are anywhere from 1 and 100 nanometers in size. These tiny particles are so small, they can be inhaled, travel through the bloodstream, and even make their way into bodily organs. Some UFP exposure has been linked to:*

- *Cardiovascular disease*
- *Respiratory infection*
- *Lung cancer*
- *Chronic obstructive pulmonary disease (COPD)*

### Question 3:

Open EXCEL

1. Insert the following heading: TEST RESULTS 2020 -2021
2. Insert the following information in columns A and B of lines 6 and 7:  
English 1562, Spanish 300, Italian 56
3. Eliminate lines 1 -5 and save the file on the desktop in a folder named "RESULTS".