



UNIVERSITÀ DEGLI STUDI DI MILANO

SELEZIONE PUBBLICA, PER TITOLI ED ESAMI, PER IL RECLUTAMENTO DI N. 2 UNITÀ DI TECNOLOGO DI PRIMO LIVELLO CON RAPPORTO DI LAVORO SUBORDINATO A TEMPO DETERMINATO DELLA DURATA DI 24 MESI, PRESSO L'UNIVERSITÀ DEGLI STUDI MILANO - DIREZIONE EDILIZIA, PER L'ATTUAZIONE DEL PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR) - BANDITA CON DETERMINA DIRETTORIALE N. 8451 DEL 6.6.2022, PUBBLICATA SUL SITO INTERNET DELL'ATENEO IN DATA 7.6.2022 - CODICE 22170

La Commissione giudicatrice della selezione, nominata con Determina Direttoriale n. 12827 dell'8.9.2022, composta da:

Ing. Gianmarco Gatti	Presidente
Dott.ssa Fabrizia Morasso	Componente
Ing. Livio Mingardi	Componente
Dott.ssa Angela Bernasconi	Componente aggiuntivo
Dott. Saverio Colangelo	Segretario

comunica i quesiti relativi alla prova orale:

Busta 1

1. La verifica preventiva della progettazione alla luce dell'art. 26 del D.lgs. 50/2016.
2. La modifica dei contratti durante il periodo di efficacia, alla luce dell'art. 106 del D.lgs. 50/2016.
3. I criteri di aggiudicazione di un appalto pubblico, ai sensi del D.lgs. 50/2016.

Brano in inglese: Five major planets in our solar system lined up in a row over the weekend in a celestial event called a conjunction. In many parts of the world, Mercury, Venus, Mars, Jupiter and Saturn could be seen with the naked eye (without the need for a telescope). The rare planetary conjunction was visible in clear skies before dawn. The AccuWeather website said the best time to view this event was about an hour before sunrise. Astronomer Professor Lucie Green described the event as being, "like a string of pearls spread out from close to the horizon". Professor Green was particularly happy at seeing Mercury, which is usually hard to spot. She said: "It is very satisfying [to] see this faint twinkling planet."

AccuWeather said a conjunction in this order would not be visible from Earth again for another 20 years. The next time it will happen will be August 2040. It said this planetary event was special because the planets appeared in the order they are positioned from the sun, with Saturn being the farthest away and Mercury the nearest. Another astronomer, Dr Diana Hannikainen, said the conjunction was noteworthy on Friday morning as a crescent moon accompanied the five planets. She said the alignment was a "delightful sight". The conjunction is rare because the five planets all have different orbits of the sun. Mercury takes 88 days to orbit the sun, while Saturn takes 29 years.

Busta 2

1. Il Collegio Consultivo Tecnico.
2. Il subappalto di un contratto pubblico alla luce dell'art. 105 del D.lgs. 50/2016.
3. La procedura negoziata nel Codice degli Appalti.

Brano in inglese: Large swathes of Europe are experiencing droughts and water shortages. One region is experiencing its worst drought for 70 years. The area, in northern Italy, has had hardly any rainfall in the past four months. This year's snowfall was 70 per cent lower. This has caused the River Po, Italy's largest, to be three metres lower than average. A lot of the riverbed has dried up and people can walk across the mud. In one part, the declining water level has fully exposed a World War II shipwreck. Authorities are



concerned that if it doesn't rain soon, there'll be a serious water shortage. This means water will be rationed for drinking. Farmers will also have problems finding water to irrigate their crops. A spokesperson from Italy's Po Basin Authority said the water shortages are unprecedented. The river gets much of its water from Lake Maggiore in the Italian Alps. The lake is seeing its lowest water level since 1946. Problems are being exacerbated by higher-than-average temperatures and a mini heat wave. A farmer from the tiny rural town of Guastalla, 150 km southeast of Milan, said she is expecting a "disastrous year". She said: "With such high temperatures and with no rain...the situation is catastrophic." She added: "We believe that there will be a drop in wheat productivity by at least 20 per cent due to the lack of rain." The Po Valley will see a 30 to 40% reduction in fruit and vegetable production.

Busta 3

1. Alla luce di quanto indicato dall'art. 31 del D.lgs. 50/2016 e dalle Linee Guida ANAC n. 3/2016, si illustrino il ruolo e le funzioni del Responsabile Unico del Procedimento (R.U.P) nell'ambito di un appalto di realizzazione di un'opera pubblica.
2. I documenti contabili essenziali per una direzione lavori di un'opera pubblica alla luce del Decreto 49/2019 "Approvazione delle linee guida sulle modalità di svolgimento delle funzioni di Direttore Lavori e direttore per l'esecuzione".
3. I requisiti di partecipazione ad un appalto.

Brano in inglese: Help is at hand for people whose vision is worsening. An American pharmaceutical company called Allergan has developed eye drops that can treat an eye condition called presbyopia. This is when people's close-up vision starts getting blurred. It usually starts when people get into their 40s. It affects over a billion people around the globe. About 16 per cent of these cannot afford eyeglasses or access to eye surgery. The new eye drops are called Vuity. Allergan called them "an innovative new prescription eye drop". It said Vuity is "the first and only FDA-approved eye drop to treat age-related Blurry Near Vision (presbyopia) in adults". It added they "may help patients with presbyopia see up close". Presbyopia means it is difficult to see things clearly up close. Sufferers need glasses or have to make the text on phone and computer screens bigger. On its website, Allergan stated that its eye drops could help people see three lines on an eye chart that would normally be blurred. It wrote: "In clinical studies where patients received one drop of Vuity in each eye once daily, this was measured by the proportion of patients achieving a 3-line gain or more reading a near-vision eye chart." The drops work by reducing the eye's pupil size. This helps people to focus on text and objects that are near them. A user who tested the eye drops said they helped him see smaller letters in focus.

Busta 4

1. L'istituto della conferenza dei servizi.
2. Il collaudo e la verifica di conformità di un contratto alla luce dell'art. 102 del D.lgs. 50/2016.
3. Le fasi di una procedura di affidamento di un appalto pubblico.

Brano in inglese: Further light has been shed on the possible dangers of eating ultra-processed food. A new study has revealed that consuming food such as sausages, frozen pizza, ready-to-eat meals, sodas and cakes can increase the risk of cancer, heart disease or an earlier death. Ultra-processed food includes products made in factories from ingredients that are largely or entirely made in a laboratory. They are added with things like preservatives, flavour enhancers, colourings, sugar and fats. The research was conducted on over 200,000 people in the USA over a 28-year period. Researcher Dr Fang Fang Zhang said men who ate a lot of ultra-processed food had a 29 per cent higher risk of developing bowel cancer. Ultra-processed foods make up a growing proportion of the food we eat. The WHO says they account for around two-thirds of calories in the diets of American children and teenagers. Dr Zhang said children who ate ultraprocessed food gained weight more quickly than those who ate a more nutritious and well balanced diet. She said: "Americans consume a large percentage of their daily calories from ultra-processed foods." She gave advice on how people can look after their bodies better through their diets. She said: "We should consider substituting ultraprocessed foods with unprocessed or minimally processed foods in our diet for cancer prevention and for the prevention of obesity and cardiovascular diseases.



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Milano, 3 ottobre 2022

La Commissione

Ing. Gianmarco Gatti - Presidente

Dott.ssa Fabrizia Morasso - Componente

Ing. Livio Mingardi - Componente

Dott.ssa Angela Bernasconi - Componente aggiuntivo

Dott. Saverio Colangelo - Segretario