

OGGETTO: CONCORSO PUBBLICO, PER SOLI ESAMI, PER LA COPERTURA DI N. 11 POSTI DI “FUNZIONARIO TECNICO” - AREA DEI FUNZIONARI E DELL’ELEVATA QUALIFICAZIONE - A TEMPO PIENO E INDETERMINATO, DI CUI N. 3 POSTI CON DIRITTO DI RISERVA A FAVORE DELLE FF.AA. AI SENSI DEGLI ARTT. N. 1014 E 678 DEL D.LGS. N. 66/2010 (indetto con determinazione dirigenziale R.G. n. 1471 del 22.06.2023).

PROVA ORALE

PROVA 1

1. Gli atti del Piano di governo del territorio (Legge Regionale n. 12/2005 Lombardia), in particolare il documento di Piano.
2. Ordine di servizio: competenza dell’emissione e contenuti caratteristici.
3. Principali strumenti di programmazione del Comune.

1. Restoring an English cathedral

Its spire stretches 123 metres into the heavens – just above 400 feet - making it the tallest in Britain. It dominates the city of Salisbury and the surrounding countryside. But it's only up close that you gain a full appreciation of this building and the people who created it.

This building is 800 years old. The restoration work that's been going on for the past 35 years or so has seen the replacement of around one per cent of the stones.

Wind, rain, frost and pollution have joined forces to attack the cathedral's exterior. But step inside, and the stonework looks as if it was created yesterday.

Back on terra firma in the stonemasons' workshop, Sarah's carving in the same way as her forebears have for centuries. And like them, modern-day artisans create their own incredible detail in the stone.

Traditionally, they've carved their unique signature, often initials, into the stone.

PROVA 2

1. Gli atti del Piano di governo del territorio (Legge Regionale n. 12/2005 Lombardia), in particolare il Piano dei Servizi.
2. Sussistenza di vizi o difetti nell’ambito di un’opera pubblica.
3. La nullità del provvedimento amministrativo e annullabilità.

2.The office during the pandemic

During the pandemic, millions of people swapped their large open-plan offices for their living rooms. Now, some companies say their employees need never come back in.

Facebook believes that remote working is the future. In Their data they're seeing that some people are having an amazing experience while they're working from home, and some people are really struggling. So, the big picture to takeaway is that this is a really, really personalised thing for people.

Facebook estimates that more than half of its staff could work remotely in the coming years, but it insists the move is not about saving costs. And it says it's committed to keeping its offices - like this one - open.

Other tech giants such as Microsoft and Twitter have also indicated staff could stay remote - even after lockdowns ease. On Wall Street, they seem less enthusiastic about the idea. The boss of Goldman Sachs rejected working from home as a new normal - labelling it an 'aberration' instead.

PROVA 3



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1. Gli atti del Piano di governo del territorio (Legge Regionale n. 12/2005 Lombardia), in particolare il Piano delle Regole.
2. Regolarità dell'esecuzione dei lavori, accertamenti e margini d'intervento dei diversi soggetti deputati al controllo dell'esecuzione.
3. Differenza tra diritto di accesso ex legge 241/90 e, accesso civico

3. How to avoid back pain while working from home

There's a lot of people working from home right now, which means dealing with some questionable postures. So, how do you work remotely while avoiding aches and pains? We got in touch with an expert.

XX physiotherapist: "I think it's important not to overthink things and I think just think of the general concepts. Get up and move. Our body needs movement and so you can have the most perfect posture for eight hours, you'll still be sore and you could still end up with, you know, some sort of ache, pain or injury. I think it is important to have that variability, so if you can set up a standing station, you know, you spend half your time sitting, half your time standing - but just watch when you're standing, too, that you're not getting into habits where you're putting all your weight of one of your upper extremities.

But if you're sitting at a desk, your head, shoulders and neck are not in the most ideal position. You likely have a few books that you can grab. It's ideal to lift that laptop up a little bit, so that your screen is actually in line with your eye gaze".

PROVA 4

1. Il Contributo di Costruzione secondo il DPR 380/01.
2. Relazione intercorrente tra le condizioni di liquidazione di lavori eseguite ed accettazione degli stessi.
3. Differenza tra annullamento e revoca in autotutela di un atto amministrativo.

4. Fruit fashion

Hi, I'm Jess C. and I'm from North Queensland in Australia, and I've made a dress out of Calypso mango seeds.

[Jess is 18 and grew up on a mango farm. She is frustrated that so much edible fruit goes to waste.]

Over 5,000 kilos of mangoes each year that we just have to dump because they're not up to the supermarket standards.

[A school design project gave Jess the idea to turn wasted mangoes into fashion.]

I cut all the flesh off and then I took it over to Dad's pressure cleaner, and then I would get the rest of it so no bugs or insects would try and eat the fruit because there was nothing left on it. And then we dried them out, cut them in half and then I sewed them on.

So, I used approximately around 1,400 of them – so there was just a couple! I took over the kitchen and pretty much the whole living room as well with just mango seeds and material. It was just everywhere.

PROVA 5

1. Il Permesso di Costruire in deroga (DPR 380/01): procedure, caratteristiche.
2. Contabilità lavori: documenti, loro contenuti e attribuzione di competenze con riferimento alla redazione degli stessi.
3. Descrivere le fasi principali per realizzare un'opera pubblica mediante appalto.

5. Children of the 90s

We first met and filmed with Michelle and her young family three decades ago. She was the very first mum to sign her daughter Lindsay up to the study back in 1991.

M.G. Test subject: "I didn't really hesitate. I'd always been interested in health. I was keen to make



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sure that the girls, you know, were brought up eating well and being in the right kind of environment. I suppose I do worry about what she eats probably more than anything...”

And since then, almost everything Lindsay has done has been watched and recorded – feeding into the biggest study ever done into children's health.

The professor behind the entire project still carries out research. She's eighty-one.

The amount of the information we've got is world beating. And as a result, all sorts of different scientists can answer questions that can't be answered in any other way.

We now know eating oily fish is beneficial during pregnancy. There's a link between peanut allergies and skin lotion, and putting babies to sleep on their backs reduces cot death. Over the years, everything's been **meticulously** studied and stored.

PROVA 6

1. Compensazione, perequazione ed incentivazione urbanistica.
2. Illustrazione sommarie delle regole da osservare per le riserve negli appalti delle opere pubbliche.
3. Soccorso istruttorio nel codice degli appalti.

6. Climate problem

A new report states the world's wealthiest 1% of people produce twice the combined carbon emissions of the poorest 50%, according to the UN. The richest 5% alone – the so-called “polluter elite” - contributed 37% to the growth in emissions between 1990 and 2015.

The document was produced by the UK-based Cambridge Sustainability Commission on Scaling Behaviour Change. It is a panel of 31 individuals who study people's behaviour in relation to the environment. Their task was to find the most effective way of increasing action to deal with carbon emissions. The authors want to deter frequent flying and the use of SUVs (Sports Utility Vehicles). They also want to persuade the wealthy to insulate their homes well.

The commission's report said: “The goals of the Paris Agreement on climate change cannot be achieved without radical changes to lifestyles and shifts in behaviour, especially among the wealthiest members of society.”

What do others say? Their critics say the best way to cut emissions faster is through technological advances - not through measures that would be unpopular.

PROVA 7

1. Valutazione ambientale strategica (VAS), Legge Regionale n. 12/2005 Lombardia: scopi e finalità.
2. Verifica della progettazione: soggetti interessati e incompatibilità.
3. Principi di economicità ed efficacia dell'azione amministrativa.

7. Piano artificial intelligence

Alexandros Markeas has been making music pretty much his entire life. But now, he is no longer making it on his own.

He sits at his piano, improvising, composing, bringing together different notes and sounds - then the automated piano next to him responds.

Artificial intelligence conjuring up new music all by itself. A creative relationship back and forth - synergy between man and machine.

A team of local scientists develop the software, inputting data and teaching the machine to make choices. The priority - to create something completely original and innovative.

The direction in which artistic projects push the machines is to go and look for the frontier of error [eg: mistakes], the frontier of the bizarre [eg: unusual] rather than in trying to reproduce as faithfully as possible a human sound.



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PROVA 8

1. Presupposti per il rilascio del Permesso di Costruire (DPR 380/01).
2. Il RUP nell'ambito del codice dei contratti: funzioni compiti e responsabilità.
3. Il principio di rotazione nelle procedure di affidamento dei contratti pubblici descrizioni e finalità

8. Wooden pallets

Wherever you see building works, you're likely to spot these: wooden pallets. And here is why they are useful. They allow bulky items to be easily transported.

The UK construction industry gets through about 18 million of them each year - and the vast majority are used only once.

All of those single-use pallets require thousands of hectares of trees to be harvested each year. And of course, **manufacturing**, transporting and disposing of them creates a significant carbon footprint. So, could these colourful pallets be part of a solution? They don't look too different, but they're designed to be stronger, so they can be used multiple times. A group of major construction companies who run this site in Dartford, London, have signed a pledge to address the use of pallet waste and try a new system devised by a former pallet manufacturer.

The hope is that each pallet can be used at least half a dozen times. Used ones are returned to a local hub for repair and redistribution.

PROVA 9

1. Tolleranze costruttive e l'accertamento di conformità (DPR 380/01).
2. Funzioni e compiti che il direttore lavori svolge in fase d'esecuzione dei lavori.
3. Subappalto nel nuovo codice dei contratti pubblici.

9. Electric buses

If we are going to clean up the air in our towns and cities, we have got to attract more people onto public transport. And that means getting rid of all those diesel buses chugging around. And that is where this new piece of technology comes in.

Designed by an ex-Formula One engineer and his team, it looks like a normal double-decker. But they say they found a way of boosting how far it can go on one charge.

It's got five batteries like this one secreted around the vehicle, but that's not the clever bit. The clever bit is at the back because apparently with electric buses they can use as much energy just heating and cooling the cabin as they do physically driving along. So, they have developed much more efficient air conditioning. And that means, overall, it's got a much longer **range**.

It's still a big challenge. Interestingly, weight is an issue just like in Formula One, because the batteries we need for the electric bus are very heavy. We still need to be able to carry 87 passengers. And so, it's quite a big challenge to get the weight distribution right on the vehicle for the electric bus.

PROVA 10

1. Quali sono le azioni che l'Amministrazione Comunale deve intraprendere in caso di segnalazione di abuso edilizio.
2. Progetto esecutivo: contenuti e obiettivi
3. Illustrazione sommaria degli ambiti di qualificazione degli appalti di opere pubbliche.

10. 'Extinct' fish

A little-known species with an extraordinary story. The Tequila fish is a small freshwater fish that lives in the rivers and lakes of southwest Mexico.

But it's been missing, presumed extinct, for more than a decade. And it's just one of thousands of aquatic creatures that are facing extinction, but have slipped under the radar.



Now with the help of conservationists at Chester Zoo (in England), scientists in Mexico have reversed that extinction - bringing captive-bred fish back to the wild.

The team has now confirmed that the fish are breeding and that the population is recovering here.

PROVA 11

1. Scomputo, riduzione o esonero dal Contributo di Costruzione (DPR 380/01).
2. Il progetto di fattibilità tecnico economica: scopi, contenuti, obiettivi.
3. IL Concetto di trasparenza amministrativa e sua disciplina con particolare riferimento agli appalti pubblici.

11. "Improper clothing"

The Norwegian women's beach handball team was given a fine of 1,500 euros for "improper clothing" at the European Beach Handball Championships last week. The women's team wore shorts like their male counterparts, rather than bikini bottoms.

In response, US singer Pink took to Twitter to say: "I'm very proud of the Norwegian female beach handball team for protesting sexist rules about their uniform" and also added "I'll be happy to pay your fines for you. Keep it up."

Why were the team fined? The European Handball Federation fined the Norway team for its choice of kit in a match against Spain in Bulgaria. They said the fine was issued because the players' shorts were "not according to the athlete uniform regulations".

The Norwegian Handball Federation announced that it was prepared to pay the fines. They also went to say that it should be "a free choice within a standardised framework".

As for Pink's offer to pay the fine, the team expressed their gratitude towards the singer.

PROVA 12

1. Interventi subordinati a Comunicazione di Inizio Lavori Asseverata (CILA), (DPR 380/01).
2. Accordi quadro: durata, importi, attivazione.
3. Cosa si intende per costi della manodopera in un affidamento di lavori pubblici e descriva come la Stazione Appaltante debba stabilirli.

Tourism and Economy[

As a tourist destination, Lake Como is popular for its landscapes, wildlife, and spas. It is a venue for sailing, windsurfing, and kitesurfing.

Although generally considered safe, bathers aiming to find relief from the heat and swimming enthusiasts alike should exercise caution, as a prevailing regulation prohibits diving and swimming both in the city of Como and in the various small villages along the lake. Exceptions are found only in privately managed lidos or designated public beaches where explicit signage permits swimming activities. This prohibition stems from the danger posed by the lake's waters that swiftly transition from shallow to deep in close proximity to the shoreline and from unpredictable aquatic conditions, which have led to numerous unfortunate incidents, including drowning cases attributed to sudden thermal shock.

In the area surrounding Lake Como, there are several farms which produce goods such as honey, olive oil, cheese, milk, eggs and salamis. Visitors can find lists of these farms and typically visit the farm itself in person to make their purchases.