

Domande Prova Orale di Idoneità di INFORMATICA

DOMANDE ESTRATTE

1. Funzione MEDIA della GIACENZA, riportando il risultato sotto la colonna giacenza e colorare la cella con sfondo blu e avere il risultato in formato di numero intero;
2. Funzione MAX della GIACENZA, riportando il risultato sotto la colonna giacenza e colorare la cella con sfondo verde;
3. Funzione MEDIA SCORTA MINIMA, riportando il risultato sotto la colonna scorte e colorare la cella con sfondo blu e avere il risultato in formato di numero intero;
4. Funzione MAX SCORTA MINIMA, riportando il risultato sotto la colonna scorte e colorare la cella con sfondo verde;
5. Funzione MEDIA GIACENZA POMPA ELETTRICA, riportando il risultato sotto la colonna giacenza lasciando lo spazio di due celle, colorando lo sfondo di viola e avere come risultato eventualmente un formato numero intero;
6. Funzione MEDIA GIACENZA COMPRESSORI (di qualsiasi potenza ma non meccanici, non idraulici e non pneumatici), riportando il risultato sotto la colonna giacenza lasciando lo spazio di tre celle, colorando lo sfondo di viola e avere il risultato in formato numero intero;
7. Funzione MEDIA GIACENZA ASPIRATORI, riportando il risultato sotto la colonna giacenza lasciando lo spazio di quattro celle, colorando lo sfondo di viola e avere il risultato in formato numero intero;
8. Funzione MEDIA PREZZO UNITARIO, riportando il risultato sotto la colonna prezzo unitario lasciando lo spazio di due celle, colorando lo sfondo di blu e risultato nel formato valuta;
9. Descrivere le Tabelle Pivot e quali sono le caratteristiche;
10. Funzione MEDIA VALORE, riportando il risultato sotto la colonna valore, lasciando lo spazio di due celle, colorando lo sfondo di viola e il risultato in formato numero intero;
11. Funzione MAX della colonna VALORE, riportando il risultato sotto la stessa colonna con lo spazio di due celle e colorando lo sfondo di verde;
12. Funzione MAX della colonna SCORTA MINIMA riportando il risultato sotto la stessa colonna con lo spazio di due celle e colorando lo sfondo di verde;
13. Creare un grafico colonne dai dati della colonna Giacenza e nominarlo Grafico_GIACENZA;
14. Creare un grafico colonne dai dati della colonna Scorta minima e nominarlo Grafico_SCORTAMINIMA;
15. Creare un grafico linee dai dati della colonna PREZZO UNITARIO e nominarlo Grafico_PREZZOUNITARIO;
16. Creare un grafico area dai dati della colonna Scorta minima e nominarlo Grafico_Area_SCORTAMINIMA;
17. Creare un grafico torta dai dati della colonna VALORE e nominarlo Grafico_Torta_VALORE;
18. Descrivere la Firma Digitale e quali sono le sue caratteristiche;
19. Descrivere la PEC e quali sono le sue caratteristiche;
20. Descrivere lo SPID e quali sono le sue caratteristiche;
21. Descrivere gli Open Data;
22. Cosa è e come funziona il codice OTP;
23. Cosa è e a cosa serve una Virtual Private Network;
24. Cosa è e a cosa serve un file dati CSV;
25. Nell'ambito delle frodi informatiche, descrivere lo spamming;
26. Nell'ambito delle frodi informatiche, descrivere il phishing;
27. Nell'ambito della Sicurezza delle Informazioni, descrivere cosa è un malware;
28. Descrivere il Database e le sue caratteristiche;
29. Descrivere il Cloud Computing e le sue caratteristiche;
30. Descrivere la fatturazione elettronica e le sue caratteristiche;
31. Descrivere l'E-mail spoofing e quali sono le sue caratteristiche;

1 - Pisa

The Leaning Tower, symbol of Pisa, is the best known Italian monument in the world. Together with the cathedral and the baptistery it is part of a complex of works that the poet D'Annunzio called "Miracles", hence the diction of Piazza dei Miracoli for the place that hosts them. The reason for such fame is certainly in the inclined structure of the Tower due to a subsidence in the ground

2 - Florence

A city that has kept its charm and the splendor of the past unaltered. This is how Florence, the capital of Tuscany, presents itself. An enchanting city that never ceases to surprise, with its masterpieces of art, the colored marbles of the churches and the architecture that evoke its splendor and the role it played in the development of Renaissance art and culture.

3 - Lucca

The historic center of the city has kept its medieval aspect intact, thanks to the fine architecture, the ancient and numerous churches (Lucca is also called the city of 100 churches), the many towers, bell towers and monumental Renaissance palaces. Among the towers, certainly worth mentioning is the Clock Tower which with its approximately 50 meters in height is the highest.

04 - Leghorn

Born from the will of the Medici who in 1606 made it a city, Livorno became an oasis of welcome for all religious, political or racial persecuted, enriching itself with the initiative and customs of the most disparate foreign nations. Bridges, canals, ancient buildings that reflect on the calm waters that make you think of a little Venice on the Mediterranean.

05 - Arezzo

Arezzo is a city of art with an ancient history located in the eastern part of Tuscany, ancient Etruria, then Tuscia.

It still retains much of the medieval walls, and then the Medici, which surrounded it with the large access doors integrated into these.

06 - Siena

The historic center of Siena, which has remained intact for centuries, today shows itself to a large extent as it did in the fourteenth century, and the preservation of a unique and coherent medieval architectural heritage is one of the main reasons for visiting this splendid city, which has long been aware of the fragility of its balance.

07 - Tommy used to be an actor, or an extra to be precise. He is currently out of a job. He lives at the Gloriana Hotel, in New York. Tommy senses that his routine that he has kept up for several months will be disrupted exactly on this day for some reason.

08 - Tommy feels out of place at the Hotel as he is much younger than the rest of the people who are staying there. After breakfast the old people sit in the lobby to gossip and read the papers. Tommy had been out of a job for several months, and had kept his mood up by getting up early in the morning, shaving, smoking a cigar, drinking a couple of cokes.

09 - A priceless lesson

Once upon a time, a student named Rakesh lived in an ashram. Every night he used to jump over the ashram's boundary wall and roam around. He used to return before dawn. No one knew that Rakesh went out at night. One night as usual, Rakesh found everyone asleep. He peeped into Guruji's room and saw him sleep. Then Rakesh crept out towards the wall.

10 - Personally, I have had many days where I have woken up thinking it was going to be a bad day, obviously not all of them turned out to be true. It is true that one must not let these feelings condition him throughout the day or they might end up being self-fulfilling prophecies.

11 - I don't think what Morris writes in his ending paragraph necessarily sounds true. If, how the same Morris states, beauty is not something that we can hold to be objective, but rather, is completely dependent on the personal viewpoint, then I think it is clear that in this case also, Morris' personal viewpoint on how to judge art and the artist can only ring true for himself, and to others, may sound totally false.

12 - The use of first person narrator is usually chosen by an author when he/she wants to tell a story from a particular point of view, mainly focusing on the way the events are seen and lived by the narrator instead of having a more objective and general observation of what every character does or thinks.

13 - Writers use first person narrator in order to tell just one side of story, or to deepen the psychological portrait of the character/narrator so we can feel his/her feelings, emotions, reasoning, thoughts, points of view as well as discovering what happens little by little.

14 - In the short story The Ultimate Safari, Nadine chose a little girl as a first-person narrator, who has an eldest brother and a younger brother, and whose parents are likely dead. The use of first person narrator is very effective because the reader can feel the pain, the fear and the nightmare this child is experiencing.

15 - Nadine, in her short story The Ultimate Safari, tells the story of a little girl and her family: they live in a poor village of South Africa where they suffer starvation and live under constant threat of dying because of the bandits who raid the villages and kill people. The author writes about the appalling conditions of children in South Africa during apartheid as they grow up living without food and education, often without families.

16 - Home alone

It was a dark and stormy night. I was alone at home and about to go to bed, when I saw a scary shadow figure at my window. "Who's there?" I shouted.

Suddenly there was a flash of lightning followed by thunder-shower. I saw a lion's face followed by a scary thunderous roar at the window.

17 - A little friend

That was a bad day for our Mr. Lion King. During his chase to catch a rabbit he sprang into a small bush from where he came out not with the rabbit but with a large thorn in his palm. He cried for help. He tried his best to pull out the thorn. He shook his hand, tried to pull out the thorn with his mouth ect... but all his efforts were in vain.

18 - Christopher's encounter with the alien

It was a dark and stormy night. The whole of Greentown was covered by dark clouds. Christopher was returning home. It started raining cats and dogs. Suddenly he saw a U.F.O. appearing from the clouds above. In no time it landed on the road. Three aliens came out. Chris was astonished as he could understand their language. Their plane was to take all the stress away from earth.

19 – Christopher's encounter with the alien

Mr. Goon, the fat inspector of the area arrived. With a frightened look on his face, he shot at those aliens. One of them pointed his finger at Mr. Goon. To everyone's amazement, Mr. Goon became as thin as a stick. Everybody laughed. Suddenly, Anna, Chris's friend, ran towards them, shouting at the top of her shrill voice. Those aliens got the fright of their lives and vanished along with their spaceship.

20 – Sleepovers

Daisy is the new girl at the school. Most of her classmates are friendly, except her bossy, stuck-up Chloe. Having Chloe as her friend is hard work, but having her as enemy would be far worse. So when Chloe issues the great sleepover challenge, Daisy is desperate to take part.

21 – The Kindhearted villager

Once a gentle man was traveling in a train. He felt thirsty and got down at a station in search of water. No sooner had he reached the water tap then the engine whistled and started. He ran back but missed the train. It was getting darker and he decided to spend the night at the station. The next morning he enquired about the next train.

22 - The Kindhearted villager....To be continued...

He came to know that the the next train was on the other day. So he decided to find a place for a day's stay. He went to the nearby lodges to ask for a room but found none. It was getting darker and he could not find a room. At last he reached a small hut. He asked the owner of the hut whether he could stay in his house for a day. The owner readily agreed.

23 – The Kindhearted villager....To be continued...

At night when it did strike seven in the clock, the gentleman heard a knock at the door. The villager opened the door. The gentleman saw that a man dressed in gaudy and rich clothes entered the hut and demanded the owner to pay his debts. The gentleman came to know that the villager was in need of money. The next morning he slipped a pocket in the drawer of the room and left.

24 – The lost ball

One day Kavya and I were playing with the racket and ball and the ball went into a Takku's house. Though we were scared, we went to his house and asked him if could give us our ball. He said "No". We felt helpless. Suddenly, I had an idea. There was a water tank behind the Takku's house. I looked at it and told Kavya "Look at this. We can climb the water tank and jump over the gate."

25 – The magic hole

Penny was a little girl who lived in Alaska. It was ice-cold there. She kept praying that she could play in the lush, green and warm gardens like we do but of course, she couldn't. Her father, like all the men there, didn't have a job. He hunted seals and caught fishes as was the customs. So her father hadn't even heard of money and even if he had money, there weren't any aero planes to take them abroad.

26 – The magic hole....To be continued...

Somewhere near Penny's house was a deep, dark forest. Everyone was afraid to enter it. They said that whoever entered it would be sucked in by a great hole. One day Penny was playing with her Eskimo friends when one of the boys shouted "Hey, I dare one of you to enter the magic forest". No one dared. Penny picked up a twig and threw it at the edge of the forest. Nothing happened.

27 – The magic hole....To be continued...

It's all a legend! We can play hide and seek in the woods if we want, she thought. She walked slowly towards the woods. It was getting colder and colder she took each step. She walked right into the middle of the forest. There was a small hill with a great big hole right in the middle of it. She wanted to jump into it. She took a big, deep breath and jumped. There was a sinking feeling in her stomach.

28 – The magic hole....To be continued...

She realized that she falling down deep some where. But she didn't land. She went spinning and suddenly all her fur clothes vanished and there was a skirt and blouse instead of it. She was at the beach. She found that she had a bag with her. Inside the bag there was a swim suit, a mattress, a book, a bottle of lotion and a towel.

29 – The magic hole....To be continued...

Her parents and her elder brother were standing there. They helped Penny to spread out the mattress and they had a basket full of fruit which they put on the mattress. Penny and her brother ran joyously to the warm sea. After exactly one hour, it all vanished and she was back in the forest. She hurried home. Her parents didn't ask her anything.

30 – The wishing tree

A lone traveler was passing through a desert on a hot day. He was tired, feeling thirsty and hungry too. At least, he needed a shady spot to rest for a while. A big leafy tree came into view at some distance away. He felt glad and said to himself “Had I water to drink, now”. Yes, he found a tumbler full of cold water on the ground right in front of him. He sat down there and started sipping the water.

31 – The wishing tree.....To be continued....

“Had I something to eat, right here”. Immediately, a variety of dishes appeared before him. He was under the shade of Kalpa – Vriksha – a magical tree. That was the wishing tree. Whoever was under it would have whatever he wished for! The traveler enjoyed the delicious food. He felt drowsy. He wished for a nice bedstead. It was granted. He stretched him-self comfortably on the soft mattress.