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**– ANNO SCOLASTICO 2016/2017 –**

* **PRIMA SIMULAZIONE TERZA PROVA – TIPOLOGIA B –**

**DATA: 29/03/2017**

**CLASSE: 5^AINF**

**ALUNNO:**

**SI RICORDA AI CANDIDATI DI SCRIVERE IL NOME SU OGNI FOGLIO E DI UTILIZZARE LE RIGHE CONCESSE PER OGNI SINGOLA DOMANDA.**

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**SIMULAZIONE TERZA PROVA – TIPOLOGIA B –**

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| **Candidato** |  | |
| **Sistemi e Reti** |  | **/15** |
| **Tecnologia** |  |
| **Matematica** |  |
| **Inglese** |  |
| **Valutazione complessiva** |  |  |

**E’ consentito l’uso della calcolatrice scientifica.**

**Non sono consentite cancellature con il correttore e/o correzioni che rendano illeggibile lo scritto.**

**MATERIA: TECNOLOGIA E PROGETTAZIONE SISTEMI INFORMATICI E TELECOMUNICAZIONI**

**ALUNNO:……………………………………………………………………**

1. Descrivere le differenze tra il protocollo IMAP e POP3

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1. Descrivere le intestazioni (header) http

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1. Descrivere in linguaggio di progetto, la struttura di un programma client UDP

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Valutazione: ………/15

**MATERIA: SISTEMI. ALUNNO:……………………………………………………………………**

1. Cosa si intende per porte Ibride?

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1. In che modalità il protocollo VTP può essere configurato?

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1. Quali sono i due elementi di cui si compone la regola di cifratura?

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Valutazione: ………/15

**MATERIA: INGLESE.** **ALUNNO:……………………………………………………………………**

1. Explain what the OSI model is, why it was born, when it was born, how it works.

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1. Describe the seven layers of the OSI model.

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1. Describe the wireless telecommunications media. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Valutazione: ………/15

**MATERIA: MATEMATICA. ALUNNO:……………………………………………………………………**

1. Enuncia il Teorema di Cauchy.

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1. Dopo aver verificato che si può applicare il teorema di De L’Hospital, utilizzalo per calcolare il seguente limite:

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1. Risolvi, utilizzando il metodo di sostituzione, il seguente integrale:

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Valutazione: ………/15

**Terza prova scritta**

**Griglia per l’attribuzione dei punteggi da parte della commissione**

**Candidato**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Indicatori** | **Descrittori** | **Punteggio** |
| 1. Completezza | Fino a ¼ della prova  Fino a ½ della prova  Fino a ¾ della prova  Prova svolta completamente | 0,5  1  1,5  2 |
| 2. Conoscenza contenuti e metodi | Frammentaria e superficiale  Non molto approfondita  Completa ed approfondita | ≤2  3  4 |
| 3. Applicazione delle conoscenze | Non sa applicare (non individua i procedimenti) ai casi specifici  Applica parzialmente  Applica completamente,ma in modo scolastico  Applica anche con originalità | ≤1  <2  3  4 |
| 4. Correttezza esecuzione | Commette gravi errori  Commette errori di lieve entità  Non commette errori | 0  ≤2  3 |
| 5. Capacità di documentazione e uso corretta terminologia | Incerta e poco comprensibile  Sufficientemente corretta  Articolata e logicamente connessa | 0,5  1  2 |

**Punteggio complessivo**: \_\_\_\_\_\_\_\_\_\_\_\_/15

Osservazioni ed annotazioni particolari: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_