**ISTITUTO SUPERIORE “A. MEUCCI”**

**MASSA**

LICEO SCIENTIFICO opzione SCIENZE APPLICATE sperimentazione PRATICA SPORTIVA

Anno scolastico 2017/2018

SECONDA SIMULAZIONE TERZA PROVA – ESAME DI STATO

TIPOLOGIA B

DISCIPLINE:

**STORIA**

**STORIA DELL’ARTE**

**FISICA**

**SCIENZE NATURALI**

**CANDIDATO:…..………………..……………………………………. Classe: 5B LSAS**

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

Massa, 23 aprile 2018 Durata della prova**: ore 2**

SIMULAZIONE 3 PROVA STORIA

1) Indica i tratti principali della Belle Epoque

2) Che cos’è la Repubblica di Weimar?

3) Sintetizza il programma dell’ideologia nazista espresso nel Mein Kampf

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MATERIA: **STORIA ALUNNO:……………………………………………………**

1. Indica i tratti principali della Belle Epoque

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1. Che cos’è la Repubblica di Weimar?

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1. Sintetizza il programma dell’ideologia nazista espresso nel Mein Kampf.

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MATERIA**: STORIA DELL’ARTE ALUNNO:……………………………………………………….**

1. Elenca sinteticamente i principali elementi fondanti della pittura degli impressionisti, quelli che maggiormente la distaccano dalla pittura accademica del tempo: scelta del soggetto, uso del colore e del disegno.

In che cosa consiste la nuova tecnica pittorica degli impressionisti?

Che cosa contribuì all’affermarsi delle teorie impressioniste (influenze artistiche)?

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1. Illustra brevemente le caratteristiche del movimento Arts and Crafts.

Dai una definizione di Art Nouveau. Da quale prende origine l’espressione? Come viene chiamato lo stesso stile negli altri paesi europei? Quali sono le principali caratteristiche dello stile Art Nouveau nell’architettura? (innovazioni tecniche, tipologiche e formali)

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1. Indica i principali elementi innovativi dell’opera “Colazione sull’erba” di Edouard Manet..

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MATERIA**: FISICA ALUNNO:……………………………………………………….**

1. Illustrare il funzionamento del trasformatore indicandone lo schema e scrivere la relazione tra la differenza di potenziale ai capi del primario e quella ai capi del secondario. Specificare il significato dei simboli utilizzati e le unità di misura delle grandezza fisiche impiegate. (max 10 righe)

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1. Illustrare l’effetto Doppler per le onde elettromagnetiche e scrivere la relazione tra la frequenza emessa dalla sorgente, la frequenza osservata e la velocità relativa. Specificare il significato dei simboli utilizzati e le unità di misura delle grandezza fisiche impiegate. (max 10 righe)

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1. In riferimento alla teoria della relatività ristretta illustrare la “dilatazione temporale” spiegando cosa si intende per “tempo proprio”. Scrivere la relazione esistente tra intervallo di tempo proprio, intervallo di tempo “dilatato” e velocità relativa. Specificare il significato dei simboli utilizzati e le unità di misura delle grandezze fisiche impiegate.

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MATERIA**:SCIENZE NATURALI ALUNNO:………………………………………………………..**

1. Parla delle dorsali oceaniche inquadrandole anche nella tettonica delle placche

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1. Descrivi dal punto di vista anatomico e fisiologico il bulbo oculare

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1. Classifica i recettori sensitivi in base alla funzione

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