**10-sinf. 2-chorak.**

**Fizika (test).**

1. Odatda jismlarning muvozanat turlari necha xil boʻladi:

A) 2 B) 4 C) 1 D) 3

2. Jism Yerning tortish kuchini yengib, Quyoshning sun’iy yo‘ldoshi bo‘lib qolishi uchun zarur bo‘lgan minimal tezlik qanday tezlik deyiladi?

A) birinchi kosmik tezlik C) uchinchi kosmik tezlik B) ikkinchi kosmik tezlik

D) to’g’ri javob yo’q

3. Tebranma harakatning turlari to’g’ri ko’rsatilgan javobni belgilang.

A) erkin va majburiy tebranishlar B) tebranish davri va chastotasi

C) Tebranishning siljishi va amplitudasi D) avtotebranishlar

4. Massa markazi nima?

A) Jism yoki jismlar sistemasining barcha qismlari massalari to‘plangandek tuyuladigan nuqta.

B) Jismning massasi C) Og’irliq markazi D) Aylanish o‘qidan kuchning ta’sir etish chizig‘igacha bo‘lgan eng qisqa masofa

5. Jismning Yer sirti yaqinida aylana trayektoriya bo‘ylab harakatlanishi uchun zarur bo‘lgan minimal tezlik qanday tezlik deyiladi?

A) birinchi kosmik tezlik C) uchinchi kosmik tezlik B) ikkinchi kosmik tezlik

D) to’g’ri javob yo’q

6. Jism muvozanat vaziyatidan chiqarilib, qo‘yib yuborilganda uni dastlabki muvozanat vaziyatidan yanada koʻproq uzoqlashtiradigan kuch hosil boʻlsa, jismning bunday muvozanatiga ………………. deyiladi.

A) Turg’un muvozanat B) Turg’unmas muvozanat

C) Farqli muvozanat D) Farqsiz muvozanat

7. Muayyan vaqt oraliqlarida vaziyati davriy ravishda takrorlanib turadigan harakatga tebranma harakat yoki tebranishlar deyiladi.

A) tebranma harakat C) A va B javob

B) tebranishlar D) bunday harakat mavjud emas

8. Jismni tik yuqoriga tekis koʻtarishda ogʻirlik kuchiga qarshi ish bajaramiz. Bunda bajarilgan ish qaysi formula orqali aniqlanadi?

A) *A=Fh* B) *A=* *mgh + µmgƖcosα* C) *A=Fl* D) *A = mgh*

9. Siklik chastota qaysi harf bilan belgilanadi?

A) *ν* (nyu) B) ω (omega) C) A yoki xmax  D) *T*

10. Vaqt birligidagi tebranishlar soniga teng bo‘lgan fizik kattalik tebranish nima deyiladi?

A) tebranish davri C) Siklik chastota

B) tebranish amplitudasi D) tebranish chastotasi

11. So‘nmas tebranma harakat qilayotgan moddiy nuqtaning to`lqin uzunligi 0,5 mm, chastotasi 2 kHz. Nuqta 0,1 s ichida qancha yo‘l bosadi(m)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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12. Chastotasi 20 000 Hz dan katta bo‘lgan tovush to‘lqinlariga …………deyiladi.

13. Tovush havodan suvga o‘tmoqda. Bunda uning chastotasi qanday o‘zgaradi? Tovushning suvdagi tezligi 1480 m/s, havoda tezligi 340 m/s ga teng. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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14. Erkaklar chiqaradigan asosiy tonlar qaysilar?

15. Richagning kichik yelkasi uzunligi 5 cm, katta yelkasining uzunligi 30 cm ga teng. Kichik yelkasiga 12 N kuch ta’sir qiladi. Richagni muvozanatga keltirish uchun uning katta yelkasiga qanday kuch qoʻyish kerak? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**10-sinf Fizika fanidan testlarning javoblari.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **Ж.** | **D** | **B** | **A** | **A** | **A** | **B** | **A** | **D** | **B** | **D** |
| **Т\Ж.** |  |  |  |  |  |  |  |  |  |  |

**11 0.1 m**

**12 Ultratovushlar**

**13 O`zgarmaydi**

**14** “Bas”, “Bariton”, “Tenor”

**15 72 N**