Nama: Andri Firman Safutra

UTS FISILA DOSAR

| NIM  |   | 2  |     |    |     |     |
|------|---|----|-----|----|-----|-----|
| MINI | * | 10 | 101 | IL | 02  | 125 |
|      | - | -  | No. |    | - 6 | 63  |

ditanyayan:

Tentukan nijai 1, m, n!

Nyataugn kembali pesamaan diatas don memasukuan nilai 1, m, n!

2 [T] 3 = e. [M] 1. [T] -31, [B] -4+ [L] 21

9=1/1=

[L]: 2 = 21

$$0 = \frac{2}{2} = 1$$

$$1 = -3 = 1$$

0]:0 = -4+m

| 9ma: Andri Firman Sa<br>11M: 201011402125  |   |  | No<br>Date   |
|--|---|--|--|
|  |   |  |  |
| 2. T = (M-1 L3 T-2)  | 120   |  | Thoral Books   |
| = M1 L3 T-2  |   |  | The second second  |
| T = M \( \bar{13} \)   |   | The Party of the P | T-M-1  |
| 7  |   | Luxan Ci T   | * Dari Jimensi L   |
| * Dari dimensi M >   |   |  | L=3  |
| M = 1  | 1=-27   |  | ad minimized   |
| TO THE THE PARTY OF THE PARTY O | 2=-1  |  |  |
| 111 1811 18 11   |   |  | THE HAM DELLE  |
| 3. Din: F1=20N   |   |  |  |
| F2= 15 N   | 53°   |  | LALLM  |
| f3 = 25 N  | 370   |  | T. A. I  |
| F1x = 20 N   |   |  |  |
| E ICN  | 01/120  | Name of the last   | RIGHT  |
| $F_{2x} = -15N.6$<br>= -9.027 N  | 1   |  |  |
|  |   |  |  |
| $F_{3x} = -25 N_1$   | (05 (3)   | )。   |  |
| = -19,966  | N   | 100  | Contact de la co |
|  |   |  | <u> </u>   |
| F14= 0N  |   |  |  |
| f24 = - 15 N.  | Sin(53)   | 0  |  |
| = -11,979  | N   | THE WAY  | 20   |
|  |   | 10   |  |
| F34 = 25 N.  | 5111 (27  | ) , d  |  |
| = 15,045   |   |  |  |
| Efx = 20+ (-9  | 1.007) +  | (-19,966   | 1=-8,993 N   |
|  |   |  |  |
| E FY = 0 + (-11,   | 979)+15,  | 045 =  | 3,066 N  |
|  |   |  |  |
| $R = \sqrt{(-8,993)^2 + (310)^2}$  | - 12 = V  | 80,874+  | 1,4 = = 9,501 N  |
|  | CONTRACTOR OF THE PARTY OF THE | 65   |  |

Nama: Andri Firman saputra UTS Fisina Dosar NIM: 2010 11402125 F1=20N Ez= 15 N 60° F3 = 25N flx = 20N f2x = - 15N. Cos (60) = -7,5 N F3x = - 25N Fly= ON Fzy = -15N . 5in (60) = -12,990 N F34= ON  $\Sigma Fx = 20N + (-7,5)N + (-25)N = -12,5N$ E FY = ON+ -12,990N +0N = -12,990N R = VFX2+ FY2 = \(-12,5)^2 + (-12,990)^2 = 156,25 + 168,74 = \ 324,99 = 18,027 N

(ITS FISTUA JOSAN Nama: Andri Firman Saputra NIM: 20/0/1402/25 5 . a. F = M.a = 5.2 = 10 N perhaian shalar = gayax perpindahan. = 10x titin B(40,50, 15) - titin A (20,30/10) = 10 x (20,20,5) = 10 x (20.20.5) = 10 × ((20.60560), (20.60560), (5.60545)) = 10 × (10, 10, 3,5H) = (100, 100, 35,4) = 235,4 N 6. a. P= M x V = 5ug. 10m/s = 50 kg m/5 titiu A= (10,17,5) 1 = P x P titih B = (1520,15) V (15-10)2 + (20-17)2 + (15-5)2 ×50 25+9+100 X50 = 1134 x 50 = 50 VI34 7. Din: a(+)= (5++3) m/52 Vo= 15 m/5 20 = 5M \* Cari ventor necepatan V= V0 + [ a. 2+ V = 5t2 + 3t + 15 m/s = 15+ 55++3 dt = 15+ 5+2 +3+

Nama: Andri Firman Salutra

UTS Fising Dasar

NIM: 2010 11402125

Date

\* carl ventor perfindahan

$$x = x_0 + \int y dt$$

=  $5 + \int \frac{5}{5} t^2 + 3t + 15$ 

=  $5 + \int \frac{5}{3} t^3 + 3t^2 + 15t$ 

=  $\frac{5}{3} + \frac{3}{3} + \frac{3}{2} + 15t + 5 \text{ m}$ 

\* (ari perpin)ahan defin he -6

$$2(6) = 5(6)^3 + 3(6)^6 + 15(6) + 5$$
 $= 5.276 + 3.36 + 15.6 + 5$ 
 $= 360 + 54 + 90 + 5$ 

= 509 m

| * cari hecepator ra | ta-19ta - 54 - 139 |               |  |
|---------------------|--------------------|---------------|--|
| V=Ax                | = 5051-157         | = 583         |  |
| ∆ t                 | 5                  | 6             |  |
| $= x_2 - x_1$       | = 2915             |               |  |
| t2-t1               | 6                  | = 97,16667m/S |  |
| - 501-139/6         | 5                  |               |  |
| 61.                 |                    |               |  |

Nama: Andri firman sapotra UTS fisika Dasar NIM: 201011402125 8. V= 14M/5 h=1,2m 5=..6,857 M  $=\sqrt{\frac{2.112}{100}}$ = 0,4898 5 5 = 1xt = 14M/5 x 0, 4898 5 = 6,857 M \* h=Voyt-1.9.+2 = Vo. sin(37), t-1, 10, t2 VO.COSO 3,5 = No.0,6 ,t-5,2 Vo. cos(37) 5, +2 - Vo. 0, 6, + +3, 5 = 0 (Vo. 0,8) 5. (15)2 - Vo. 0, b (15) +3,5 = 0  $\frac{5.225 - \text{Vo.}9 + 3.5 = 0}{\text{Vo}^2}$ 

NIM: 201011402125

-5,5. Vo2 = - 1/25

 $V_0^2 = -1125$   $V_0^2 = 204,545 \text{ m}^2/5^2$ 

Vo - 1204,545 A3/52

Vo = 14,3 M/5

10. a. w(+) = 3+2-4++2

(N(+)= 53+2-4++2

(n(+)= 6+-4

 $\omega(2) = 6(2) - 4$ = 12 - 4

= 8 m/52

b. Posisi Sudut = + 3-2+2+2+ + 0

t=15 Posisisudut= 13-2.12+2.1 + 0

= 1-2 +2

1=25 POS. SUDUL = 2 - 2(2) + 2.(2) + 4

= .8 - 8 + 444

- 8 rad



## UNIVERSITAS PAMULANG KARTU UJIAN TENGAH SEMESTER GANJIL 2020/2021 NOMOR UJIAN: 378872470175

FAK/PRODI : TEKNIK / TEKNIK INFORMATIKA

NAMA : ANDRI FIRMAN SAPUTRA

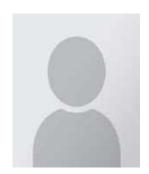
NIM : 201011402125 SHIFT : REGULER A

| No | Hari/ Tanggal | Waktu | Ruang | Kelas          | Kelas Mata Kuliah                |   |
|----|---------------|-------|-------|----------------|----------------------------------|---|
| 1  | -             |       |       | 01TPLP023      | PENDIDIKAN AGAMA                 | 1 |
| 2  | -             |       |       | 01TPLP023      | PENDIDIKAN PANCASILA             | 2 |
| 3  | -             |       |       | 01TPLP023      | KALKULUS 1                       | 3 |
| 4  | -             |       |       | 01TPLP023      | FISIKA DASAR 1                   | 4 |
| 5  | -             |       |       |                |                                  | 5 |
| 6  | -             |       |       | 01TPLP023      | ALGORITHMA DAN<br>PEMROGRAMAN I  | 6 |
| 7  | -             |       |       | 01TPLP023      | PRAKTIKUM FISIKA I               | 7 |
| 8  | -             |       |       | 01TPLP023      | BAHASA INGGRIS I                 | 8 |
| 9  | -             |       |       | 1 01 1 21 2023 | PENGANTAR TEKNOLOGI<br>INFORMASI | 9 |

## Peraturan dan Tata Tertib Peserta Ujian

- 1. Peserta ujian harus berpakaian rapi, sopan dan memakai jaket Almamater
- 2. Peserta ujian sudah berada di ruangan sepuluh menit sebelum ujian dimulai
- 3. Peserta ujian yang terlambat diperkenankan mengikuti ujian setelah mendapat ijin, tanpa perpanjangan waktu
- 4. Peserta ujian hanya diperkenankan membawa alat-alat yang ditentukan oleh panitia ujian
- 5. Peserta ujian dilarang membantu teman, mencontoh dari teman dan tindakan-tindakan lainnya yang mengganggu peserta ujian lain
- 6. Peserta ujian yang melanggar tata tertib ujian dikenakan sanksi akademik





Pamulang, 03 November 2020 Ketua Panitia Ujian

Dr. E. NURZAMAN AM, M.M, M. Si NIDK. 8811520016