Nama: Andri Firman Saputra

UTS Gansil PTI

NIM: 201011402125

Date

1. Ubahlah bilangan desimal berikut ke dalam bentukbiner,
Oktor, dan Heusadesimal!

 $325_{(10)} = 101000101(2) = 505_{(8)} = 145_{(16)}$ Jesimai we biner 325:2 = 162 Sisa 1 162:2 = 81 Sisa 0 81:2 = 40 Sisa 1 40:2 = 20 Sisa 0 20:2 = 10 Sisa 0

10:2=5 sisa 0 5:2=2 Sisa 1

2:2 = 1 SiSA D 325(10) = 101000101(2)

Jesimal ke oktal 325:8=40 5isa 5 40:8=5 5isa 0 325(10) = 505(1)

Jesimal Le heusadesimal 325:16 = 20 Sisa 5 20:16 = 1 Sisa 4 325(10) = 145(16) Nama: Andri Firman Saputra

UTS Ganill PTI

NIM : 2010 11402125

494(10) = 111 101 110(2) = 765(8) = [EE(16)

desimal ue biner

494:2 = 247 Sisa 0

247:2 = 123 Sisa 1

123:2= 61 Sisa 1

61:2 = 30 SiSA 1

30:2 = 15 Sisa 0

15:2 = 7 sisa 1

7:2 = 3 sisal

3:2 = 1 5:50 1

494(10) = 111101110(2)

desimal he Outal

494:8 = 61 Sisa 6

61:8=7 5isa 5

494(10) = 765(8)

desimal we heusadesimal

494:16 = 305154 14

30 : 16 = 1 Sisa 14

A = 10 D=13 B = 11 E = 19

F=15

494(10) = 1 EE (16)

UTS Ganjil PTI Nama: Andri Firman Saputra NIM: 201011402125 487(10) = 111 100 111(2) = 747(8) = 1E7(16) desimal he biner 487:2 = 243 515a1 243:2 = 121 Sisal 121:2 = 60 sisa 1 60 : 2 = 30 5750 0 30 : 2 = 15 5150 0 15 :2 = 7 sisa 1 7:2 = 351591 3:2 = 1 3150 1 487(10) = 111 100 111(2) desimal he ontal 487:8 = 60 Sisa 7 60:8 = 7 Sisa 4 487(10) = 747(8)

| desimal he heusadesima | |
|------------------------|--------------|
| 487:16 = 30 Sisa 7 | A = 10 D=13 |
| 30:16-1 sisa 14 | |
| 487(10) = 1 E7(16) | C = 12 F= 15 |

Nama: Andri Firman Saputra UTS Ganiil PTI NIM: 201011402125 2. Ubahlah sistem birangan biner beriuot we dalam bentuk desimal, outal, dan heusadesimall 00100110(2) = 38(10) = 46(8) = 26(16) biner ne desimal 128 64 32 16 8 0 0 0 32+4+2= 38(10) biner he outai menggunauan 3 digit 00 100 110 Setial 3 digit divali lot 2 1 421 421 010 41010 41210 contoh; oll 100 100 100 ×1000 ×100 ×10 ×1 40+6 = 46 (8) biner he heusadesimal menogunakan 4 digit 0010 0110 8421 8421 010+210 014+2+0 20+6=26(16)

Nama: Andri Firman Saputra UTS Ganjil PTI NIM: 201011402125 000 11011(2) = 27(10) = 33(8) = 18(16) biller we desimal 128 64 32 16 8 4 2 1 16+8+2+1 = 27(10) biner he outal 00 011 011 421 421 0+0 0+2+1 0+2+1 30+3 = 33(8) biner he heusa desimal 1000 1011 8421 8421 0+0+0+1 8+0+2+1 10+ B = 18 (1L)

| | 013 Cansil 111 |
|--------------------------------|--|
| Nama: Andri Firman Sapotra | No |
| NIM: 201011402125 | Date |
| | F2 |
| 11110011(2) = 243(10) = 363(8) | = 12 (16) |
| | 17 31 Tu 1910 4 |
| biner he desimal | 18 14 A R ST |
| 128 64 32 16 8 4 2 1 | 7 0 . 0 . 0 |
| 128 64 31 1 0 0 1 1 | |
| 128+64+32+16+2+1=2 | 143 (10) |
| | TOTAL DAY 19 And |
| Liner he oktal | |
| ((10 0) | (8) (8) |
| 21 42 421 | MAG NEW COLUMN |
| 300 +60 +3 = 363 | (8) |
| | |
| biner we heusadesimal | 13/13 |
| [111]001] | 110 110 000 |
| 8421 8421 | |
| 8+4+2+1 2+1 15 + 3 = F3(1) | ON THE RELIEF TO |
| 15 + 3 = F > CN | 1) |
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30YKO" 36 Lines, 2 nm

NIM: 201011402125

No Date

3. Ubahlah Sistem bliangan Outal berikut kedalam bentuk desimal, biner, dan heusadesimali 0675(8) = 445(10) = 110111101(2) = 1 BD (16)

6 7 5 ×8² + ×8' + ×8° 384 + 56 + 5 = 445 (10)

04491 Ke biner 001 = 1 110=6 6 7 5 010 = 2 111=7 110 111 101 011 = 3 100 = 4 = 110 111 101 (2) 101 = 5

outal he heusa desimal

 $6:2=3 \text{ sisa 0} \quad 110 \quad 111 \quad 101$ $3:z=1 \text{ sisa 1} \quad 1|011|101$ 1|1421|8421 $7:2=3 \text{ sisa 1} \quad 1|8421|84411$

3iz = 1 sisa1 1 + 11 + 13 = 1 BD(16)

5:2 = 2 5 isa 1 2:2 = 1 5 isa 0 Nama: Andri Firman Sapotra UTS Gansil PTI NIM: 20/01/402125 562 (8) = 370 (10) = 101 110010(2) = 172(16) Oktal he desimal 320 + 48 + 2 = 370 (10) Outai Le bines 010 = 101110010 (2) Oktal he heusadesimal 0111 0010 8421 8421 4+241 100+70+2=

UTS Gania PTI

CONTRACTOR OF THE PARTY OF THE

| V13 999111 111 |
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| No Date |
| Diete |
| 079(1)=57(210) |
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UTS GANIL PTI Nama: Andri Firman sapotra NIM: 2010 11 402125 1 E 8 (16) = 0001 1110 1 800 (2) = 750(8) = 488(10) Heusa desimal ne biner 1000 1110 0001 = 0001 1110 1000(2) Heusa desima, he oktal 000 111 101 000 = 750(8) Heusadesimal We desimal = 162 + 1614 > 160 = 256 + 224 + 8 = 488 (10)



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 | Mata Kuliah | Paraf |
|----|---------------|-------|-------|--------------------|----------------------------------|-------|
| 1 | - | | | 01TPLP023 | PENDIDIKAN AGAMA | 1 |
| 2 | - | | | 01TPLP023 | PENDIDIKAN PANCASILA | 2 |
| 3 | - | | | 01TPLP023 | KALKULUS 1 | 3 |
| 4 | - | | | 01TPLP023 | FISIKA DASAR 1 | 4 |
| 5 | - | | | 01TPLP023 | LOGIKA INFORMATIKA | 5 |
| 6 | - | | | 1 11 1 12 12 12 13 | ALGORITHMA DAN PEMROGRAMAN I | 6 |
| 7 | - | | | 01TPLP023 | PRAKTIKUM FISIKA I | 7 |
| 8 | - | | | 01TPLP023 | BAHASA INGGRIS I | 8 |
| 9 | - | | | L 01 LPL P023 | PENGANTAR TEKNOLOGI 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