

Indeks

A

Adolesen 13, 19, 20, 22
Akar 108, 109, 110, 132, 143, 159
Amplitudo 310, 313, 314, 320
Arteri 16, 85, 91, 92, 93, 96, 97, 98, 102, 103
Arteri pulmonalis 85, 91, 98
Artritis 47, 48, 51, 53
Asma 85, 86, 87, 88, 92, 93, 95, 101, 102, 103, 126
Atom 164, 168, 169, 170, 173, 177
Atrium
85, 90, 91, 102, 110, 173, 186, 195, 198, 199, 217, 218

B

Bahan Pemanis 194
Bahan pemanis 194, 217
bahan pemanis 194, 195
Baji 134, 285, 298, 299, 301, 304
Batang 111, 112, 129, 159
Bayang-bayang 359, 360, 361, 362, 372, 402
Bayangan maya
373, 375, 377, 379, 381, 387, 394, 395, 396, 401, 402
Bayangan nyata
373, 376, 381, 384, 386, 387, 395, 396, 399, 401, 402, 403
Bidang miring
232, 285, 290, 296, 297, 298, 299, 301, 302, 304
Bronkus 76, 77, 78
Bunyi
305, 308, 332, 333, 334, 336, 339, 340, 341, 342, 345, 346, 347, 351, 354, 355

C

Cat
404, 32, 37, 40, 44, 56, 71, 81, 96, 97, 107, 124, 131, 137, 142, 178, 223, 224, 232, 279, 297
Cendawan 150, 151, 153, 154, 155, 161
Cepat rambat 323, 335, 336, 344
Cepat rambat bunyi 323, 332, 335, 336, 337, 338, 343, 344, 346, 355
Cermin
356, 362, 363, 373, 375, 376, 378, 379, 381, 382, 398, 400, 401, 403
Cermin cekung 375, 376, 378, 381, 398, 401
Cermin cembung
373, 374, 375, 378, 379, 381, 382, 387, 388, 401, 402, 403, 404
Cermin datar
358, 373, 376, 382, 383, 388, 399, 400, 401, 402, 403, 404

D

Dasar gelombang 324
Daun
114, 125, 129, 130, 132, 134, 136, 143, 148, 149, 151, 153, 155, 159
Daya
111, 151, 157, 160, 170, 176, 270, 282, 283, 284, 301, 303
Desibel 339, 341, 352
Diafragma 79, 80, 81, 82, 103
Difusi
115, 121, 122, 123, 125, 126, 135, 136, 141, 159, 161, 162
Dispersi cahaya 359, 366, 367, 402, 403

E

Energi 130, 131, 133, 134, 139, 140, 267, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 299, 300, 310, 333, 351,
Energi kinetik
349, 270, 272, 273, 274, 275, 276, 277, 279, 299, 300, 301
Energi mekanik 270, 274, 275, 299, 300
Energi potensial
270, 272, 273, 274, 275, 276, 277, 278, 299, 300, 301
Enzim amilase 62
Epidermis
108, 109, 111, 114, 115, 116, 125, 126, 127, 161
Epiglotis 61, 64, 77, 84
Esophagus 61

F

Faring 61, 64, 70, 77, 84
Floem
108, 109, 111, 112, 113, 115, 117, 119, 120, 129, 130, 159, 161, 162
Fluida
245, 246, 247, 248, 250, 251, 252, 254, 255, 256, 257, 262, 265, 266
Fotonasti 142, 147, 148
Fotosintesis 130, 134, 135, 140
Fototropisme 142, 146, 149
Frakturasi 47, 48, 52
Frekuensi 311, 313, 322, 345, 352
Fungisida 150

G

Garam mineral 57, 59, 66
Gaung 339, 342, 343, 353
Gaya
311, 312, 220, 223, 224, 225, 226, 227, 230, 231, 232, 233, 235, 236, 237, 238, 239, 241, 242, 243, 244, 246, 247, 250, 252, 253, 256, 261, 262, 263, 264, 265, 266, 275, 282, 283, 286, 288, 293, 296

Gaya apung 245, 252, 253, 254, 261, 262, 265, 266
 Gaya beban 286, 288
 Gaya beban 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 301, 302
 Gaya kuasa 288, 293, 296
 Gaya resultan 224, 226, 228, 262
 Gaya-gaya setimbang 224, 225, 232, 262, 263
 Gelombang 305, 308, 316, 317, 318, 319, 320, 321, 322, 323, 325, 326, 327, 329, 331, 340, 341, 343, 344, 345, 346, 347, 349, 351, 352, 364
 Gelombang longitudinal 316, 320, 321, 322, 332, 333, 334, 339, 351, 354
 Gelombang transversal 316, 319, 320, 321, 322, 324, 325, 327, 328, 331, 351, 352, 353, 354
 Gema 339, 342, 343, 344, 354
 Geotropisme 142, 145, 146, 149
 Gesekan 231, 232, 233, 234, 264, 275, 286
 Getaran 305, 309, 310, 311, 312, 313, 334, 348, 349, 350, 351
 Gutasi 121, 129, 159, 161

H

Hama 104, 150, 151, 157, 160
 Hambatan udara 235, 239, 240, 262, 263, 264, 265, 275
 Herba 108, 112, 113, 116, 120, 130, 162
 Hidatoda 121, 129
 Hidrotropisme 142, 146, 149
 Hukum Boyle 245, 260, 265
 Hukum kedua Newton tentang gerak 235, 263
 Hukum kekekalan energi 275, 276
 Hukum Ketiga Newton tentang Gerak 241

I

Infrasonik 339, 340, 341
 Ion 15, 16, 23

K

Kambium 108, 109, 111, 120
 Karbohidrat 87, 137, 277
 Katrol 285, 294, 295, 299, 301, 302, 304
 Keping darah 85, 88, 102
 Klorofil 115, 120, 121, 130, 131, 140, 155, 162

L

Lambung 42, 57, 61, 64, 66, 67, 69, 70, 196, 208, 212
 Lemak 31, 51, 184, 202, 205, 276, 271, 277
 Lengan beban 285, 290, 291, 292, 293, 294, 295, 299, 301, 303
 Lensa cekung 358, 373, 387, 393, 401, 402, 403, 404

Lensa Cembung 384, 386, 393, 395, 401, 404
 lup 188, 193, 201

M

Medium 334, 351, 202
 Meristem 108, 109, 111, 120
 Mesin hidrolik 245, 255, 256, 261, 265, 266
 Mikroskop 358, 384, 388, 389, 395, 396, 400, 402, 404, 33, 34, 41, 65, 126, 127
 Mitokondria 121, 137, 138, 161
 Molekul 57, 62, 65, 113, 123, 133, 159, 161, 209, 276, 336

N

Nada bunyi 339, 343, 344, 345, 346
 Nasti 142, 145, 147, 148, 149, 160, 161, 162
 Niktinasti 142, 148, 149

O

Obat 340, 150, 188, 197, 208, 210, 211, 214, 215, 217, 218, 219, 283
 Organ 22, 43, 61, 76, 77, 78, 116, 120, 143, 159, 204, 205, 206
 Osmosis 121, 123, 126, 127, 141, 159, 161, 162
 Osteoporosis 47, 51, 52

P

Palisade 108, 115, 118, 120, 161
 Panjang fokus 373, 375, 384, 385, 386, 388, 389, 390, 392, 395, 398, 399, 402, 404
 Parasit 150, 151, 154, 160
 Parenkim 108, 117, 118, 120, 159, 161
 Parfum 184, 186, 187, 188, 189, 217, 218
 Pemantulan 326, 327, 342, 362, 363, 364, 373
 Pembiasan 364, 365, 366, 367, 369, 371
 Pembuahan 13, 14, 15, 202
 Pencernaan kimiawi 62, 70
 pencernaan kimiawi 62
 Pencernaan mekanik 62
 pencernaan mekanik 61, 62, 68, 71
 Pengungkit 291, 292, 293, 295, 302, 303
 pengungkit 350, 285, 291, 292, 293, 295, 298, 299, 301, 304
 Penyakit 19, 47, 50, 51, 52, 67, 104, 150, 152, 153, 154, 155, 158, 160, 211
 Pepsin 61, 64, 69, 70
 Percepatan gravitasi 235, 239
 Periode 309, 310, 311, 313, 314, 315, 316, 323, 351, 353
 Periosteum 29, 30, 33, 48, 51
 Peristaltik 61, 64, 69
 Perkembangan 1, 2, 3, 4, 5, 6, 7, 35
 Pertumbuhan 1, 2, 4, 5, 7, 8, 10, 154
 Pesawat 267, 285, 286, 288, 291, 299

pesawat ideal 285, 287, 301
Pesawat Sederhana 267, 285, 286, 291, 299
Pestisida 158, 200, 206, 207, 209, 217
Plasma 126, 152
Prinsip Archimedes 245, 252, 262, 265
prinsip Pascal 245, 255, 256, 265
Protein 9, 58, 70
Psikotropik 182, 210, 211, 215, 216, 217, 219
Puncak
 316, 320, 321, 322, 324, 331, 352, 376, 377,
 241, 257, 272, 294, 298

R

Rabun dekat 389, 393, 401, 403, 404
Rapatan 316, 321, 322, 333, 334, 338, 351, 354
Renggangan 316, 321, 322, 333, 334, 338, 351
Rennin 64
Respirasi 76, 137, 138, 140, 159
Respirasi aerob 121, 137, 138, 140, 141
Respirasi anaerob 121, 140
Respons 142, 145, 146, 149, 161
Riketsia 47, 52, 53
Roda dan poros 285, 295, 296, 299, 301, 302, 304

S

Sel darah merah 29, 31, 42, 51
Sel penutup 115, 126
Sel penutup 108, 114, 115, 120, 126, 127
Sendi 81, 128, 141, 151
Sistem jaringan dasar 108, 117, 159
Sistem rangka 44, 51
Sistem sirkulasi 85, 86, 90
Sklerenkim 108, 117, 118, 120, 159
Skoliosis 47, 49, 50, 51, 52
Sponsa 108, 115, 161
Stimulus 145
Stimulus 142, 143, 145, 146, 148, 149, 160, 161
Stoma 114, 115, 116, 127, 129
Sumber bunyi 318, 332, 333, 335, 340, 342, 344
Sumsum tulang 29, 30, 31, 33, 34, 51, 86

T

Taksis 142, 148, 149, 160
Tekanan 349, 350, 86, 93, 95, 96, 97, 103
Teleskop 397, 398, 399, 400, 401, 403, 404
Tendon 41, 44
Termonasti 142, 147, 148
Tigmonasti 142, 147
Tulang rawan 30, 31, 35, 36, 38, 51

U

unsur hara 23

V

Vena 92, 98, 103

Virus 50, 51, 53
Vitamin 47, 57, 58, 110
vitamin 47, 53, 57, 58, 59, 69, 70, 110, 192

X

Xilem 109, 111, 112, 113, 117, 119
xilem 8, 108, 109, 111, 112, 113, 115, 117, 119,
120, 129, 153, 159, 161, 162