Test 1 Review

1 millisecond
1 year = stand up and single words
1000 reach the ovum
12 animals
132 million receptors in each eye
2 hemispheres
2 months: rollover and coo; laugh out loud
2 years old: 200 words & walk
20,000 concentric layers
3 million reach uterus
3 months: sleep thru night; 12 pounds
3 research difficulties for smell, taste, pain
3 types of color receptors
3 types of tactile sensations
3 years old: hop 3 times on one foot
300 million enter upper vagina
3-D representation of world
4 lobes
4 types of nicotinic receptors
4 ways to use numbers
4 years old: hop 4 times on one foot
5 years old: hop across room
6 months: sit up and babble
6 years old (1st grade)
60-year cycle based on lunar calendar
70+ reflexes
8 minutes later, photon reaches you
8 stages of Erikson
9 months: crawl & say dada
absolute refractory period
abstract thought
activation-synthesis hypothesis
adaptation
adult sleep cycle = 90 minutes
alcohol-dependent sleep (must be drunk to sleep; alcoholics)
all drugs that affect behavior act on synaptic receptors
all tactile senses except pain adapt very quickly
all-or-none law
Alzheimer's disease = neurofibrillary tangles in this area
anterior cingulated cortex
Aristotle (384-323 BC)
Autonomic nervous system (ANS)
autonomy vs shame-doubt: will
axon
axon hillock = connect soma to anon
axon terminal
Babinski's reflex
baby sleep
Berkeley, George (1685-1753)
Betz cells
bottom-up processing
Broca's aphasia = inability to express language
caffeine tremors, wine migraine
chance
chemical senses
Chinese zodiac
circadian rhythm sleep disorders
cleavage = partitions zygote into 2 cells
cochlea
cconcrete operational stage
cones
cconservation of length, number, quantity, etc.
cconventional morality
ccritical periods, not strict time limits
ccrystalline lens
Day 1: conception
Day 2-4: zygote
Day 5: morula
Day 10: blastula
Day 45: pigmented eyes (blue)
Democritus (460-370 BC)
dendrite = receptors
depolarization
depression
Descartes (1596-1650)
dopamine
dorsolateral
dualism: the soul survives
dyssomnia
dedge detection
dego identity vs role confusion: fidelity
dego integrity vs despair: wisdom
dermation period: 2 to 8 weeks
depricism = ideas originate with sensory experience
depigenetic (upon emergence)
Erikson, Erik (1902-1994)
edumethian tube = equalizes pressure
dexcessive sleepiness = difficult to stay awake
dexploding head syndrome
dexternal auditory canal
dextrinsic sleep disorders
dfallopian tube
dfeeding reflex
dfencing reflex (tonic neck)
dfertilization
dfigure & ground
dfimbria = collection end of tube
dflavor
Flourens, Pierre (1794-1867)
dfood-allergy insomnia
dformal operational stage
dfovea
frontal lobes
GABA
Gall, Franz (1758-1828)
Galvani, Luigi (1737-1798)
generativity vs stagnation: care
geniculo-striate pathway
germinal period (1st two weeks)
glutamate
grasping reflex
gustomation (taste)
habituation
Heinz dilemma
Helmholtz, Hermann (1821-1894)
hippocampus
homunculus
hypersomnia (excessive sleepiness)
identity crisis
ignore steady state information
implantation
incus
industriousness = make something well
industry vs inferiority: competence
infantile reflexes
inferences = what conclusions you draw
inferior (lower)
inferior mirage
initiating = difficult to get to sleep
initiative vs guilt: purpose
inner ear
intimacy vs isolation: love
intrinsic sleep disorders
Kohlberg, Lawrence
L cones
life crisis and virtue
light sleep
limp-limb sleep
localization shifts over time
Locke, John (1632-1704)
M cones
M1
magnitude principles
maintaining = difficult to stay asleep
materialism
medial
mentalism
middle Ear
mind-body problem
mirage
monism
Moro reflex
motor cortex
MSG (monosodium glutamate)
Muller, Johannes (1752-1809)
number of pain spots > number of pressure > number for temperature
Myelin sheath (Schwann cells)
narcolepsy
negative identity = opposed to dominant values of their upbringing
negativism of 2 yr. old (No) = attempt to autonomy
nerve impulse travels only 90 ft. per sec
neurotransmitters
Nodes of Ranvier
nominal
NREM
nucleus = holds DNA, etc
nystagmus = can’t hold eyes still
object permanence
observations = what your senses tell
occipital lobes
ocular dominance
off cells = brief burst when light goes off
olfaction (smell)
on cells = firing when light is on
on-off cells = brief burst for on and off
operational definitions
orbitofrontal
ordinal = place, rank or rating
ossicular chain
outer ear
oval window
ovum (female egg)
pain
paradoxical cold
paralysis
parasites (sleeping sickness)
parasomnias
parasympathetic = quiets body
parietal lobes
perception
phi phenomenon
photon = packet of information
photoreceptor = receptor of photons
phrenology
phrenology = shape of the skull reveals internal characteristics
physical monism: nothing survives
physiological zero = current skin temperature
Piaget, Jean
pinna (pinnae) - visible ear
postsynaptic neuron
pre-code for critical features
prefrontal cortex
premotor cortex
preoperational stage
pressure
pre-synapse
principles of efficiency
ratio = math numbers
refraction of light
refractory period
relative refractory period
REM sleep
restless legs syndrome (RLS)
retina
retinitis pigmentosa = genetic condition
re-uptake
rods
role confusion = unable to conceive self as productive member of society
rooting reflex
round window
S cones
saliva helps to dissolve the chemical
scientific method
see about 9 inches away
self-soothers = can calm self down
sensorimotor stage
separate subsystems
separate systems
serotonin
sleep apnea
sleep disorders
sleep grins
sleep routine
sleep terror
sleep-talking
sleepwalking
smell (olfaction)
smells are small molecules (less than 350 molecular mass)
soma = cell body
spatial summation
sperm
spiritual monism
stapes
stepping reflex
Stroop effect
structuralism
syllogisms
target detection
target identification
taste
taste buds die off every 4 - 11 days
telegraphic speech
temperature
temporal lobe
temporal summation
thresholds
toddlers: 2-3 years old
top-down processing
trust vs distrust: hope
tunnel vision
tympanic membrane
visual dead spot
Volkspychology (folk psychology)
volley theory
Week 05: Spontaneous movements
Week 07: Brain structure complete
Week 08: Fetus
Week 09: Eyelids cover eyes
Week 10: Ankles
Week 11: Fingernails & hair
Week 12: Kicking
Week 14: Fingerprints
Week 15: Sucking thumb
Week 20: extremely rapid brain growth; til age 5
Week 24: all senses work
Week 25: 85% survival rate
Week 26: brain waves resemble full term
Week 28: brain wrinkled
Week 30: dreams
Week 32: eyes open when awake
Week 38: 99% survival rate
Week 40: 300 bones; full term; adults have 206 bones (some fuse together)
Wundt, Whilhelm (1832-1920)
Zygote = 1 fertilized egg