

QUESTION # 3 OF 10 (START TIME: 12.55.10 PM, 17 AUGUST 2021)

The important feature of Alzheimer disease is:

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Select the correct option

<input type="radio"/>	Lack of motor control
<input type="radio"/>	Aggressive behavior
<input type="radio"/>	Loss of appetite
<input checked="" type="radio"/>	Loss of memory

PSY610:Quiz-3

Question # 6 of 10 (**Start time: 12:31:02 PM, 17 August 2021**)

Which of the following has been found to have a major influence on behavior, especially motor behavior and schizophrenia?

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Select the correct option

<input type="radio"/>	Agonists
<input type="radio"/>	Mitosis
<input type="radio"/>	Dopamine
<input type="radio"/>	Antagonists

Question # 5 of 10 (Start time: 12:29.58 PM, 17 August 2021)

Acetylcholine (ACH) is involved in:

Select the correct option

- | | |
|----------------------------------|--------------------------|
| <input type="radio"/> | Learning |
| <input checked="" type="radio"/> | All of the given options |
| <input type="radio"/> | Rapid eye Movement sleep |
| <input type="radio"/> | Memory |

Question # 3 of 10 (Start time: 12:28:30 PM, 17 August 2021)

Which of the following hallucinogenic compound made from plants extracts in Mexico?

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Select the correct option

<input checked="" type="radio"/>	Mescaline
<input type="radio"/>	Psilocybin
<input type="radio"/>	Peyote
<input type="radio"/>	LSD

Question # 2 of 10 (Start time: 12:27.57 PM, 17 August 2021)

Serotonin is deactivated by _____ as in the other monoamines.

Select the correct option

<input type="radio"/>	Amino acid
<input type="radio"/>	Acetylcholine
<input type="radio"/>	Catecholamine
<input checked="" type="radio"/>	Monoamine Oxidase

BC180402065: DANISH SHABBIR

PSY610:Quiz-3

Question # 4 of 10 (Start time: 12:29:22 PM, 17 August 2021)

Which of the following receptors are located on presynaptic nerve terminals and are also located in the pancreas

Select the correct option.

- | | |
|-----------------------|----|
| <input type="radio"/> | B1 |
| <input type="radio"/> | A1 |
| <input type="radio"/> | A2 |
| <input type="radio"/> | B2 |



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Question # 6 of 10 (Start time: 12:19:18 PM, 17 August 2021)

The important feature of Alzheimer disease is:

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Select the correct option

- | | |
|-----------------------|-----------------------|
| <input type="radio"/> | Aggressive behavior |
| <input type="radio"/> | Loss of appetite |
| <input type="radio"/> | Lack of motor control |
| <input type="radio"/> | Loss of memory |

Question # 7 of 10 (**Start time: 12:19:50 PM, 17 August 2021**)

Which of the following hallucinogenic compound made from plants extracts in Mexico?

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Select the correct option

<input type="radio"/>	Psilocybin
<input type="radio"/>	LSD
<input checked="" type="radio"/>	Mescaline
<input type="radio"/>	Peyote

PSY610:Quiz-3

Question # 9 of 10 (Start time: 12:21:46 PM, 17 August 2021)

Which of the following was the first one to identify the relationship between 5HT and sleep?

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Select the correct option

<input type="radio"/>	Hughes and Kosterlitz
<input type="radio"/>	Skinner
<input type="radio"/>	Agranoff
<input type="radio"/>	Jouvet

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PSY610 Quiz-3

Question # 10 of 10 (Start time: 12:22:37 PM, 17 August 2021)

Temperature or standard that maintains body functions by cooling or heating through homeostasis is named as:

Select the correct option

- Standard point
- Set point
- Resting point
- Fix point

Question # 1 of 10 (Start time: 12:27:00 PM, 17 August 2021)

NA originates from a small group of neurons located in which part of the brain?

Select the correct option

<input checked="" type="radio"/>	Back part
<input type="radio"/>	Middle part
<input type="radio"/>	Frontal part
<input type="radio"/>	Cortex

Question # 7 of 10 (Start time: 12:31:51 PM, 17 August 2021)

Which of the following is an antagonist for muscarinic receptors?

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Select the correct option

<input type="radio"/>	Scopolamine
<input type="radio"/>	Paratyrosine
<input type="radio"/>	Phentolamine
<input type="radio"/>	Atropine

Question # 8 of 10 (**Start time: 12:32:31 PM, 17 August 2021**)

The Pineal gland is a very small organ lying on the dorsal surface of the:

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Select the correct option

<input type="radio"/>	Medulla
<input type="radio"/>	Thalamus
<input type="radio"/>	Cerebellum
<input type="radio"/>	Cortex

Question # 10 of 10 (Start time: 12:33:36 PM, 17 August 2021)

Total Marks: 1

Which of the following system sends out nerve fibers to the forebrain areas such as frontal cortical area, the cingulate cortex, the amygdala and the septum and it is involved with the limbic system (emotional system)?

Select the correct option

- Mesolimbic system
- Tuberoinfundibular system
- Tyrosine hydroxylase
- Nigrostriatal DA system

Activate Windows
Go to Settings to activate Windows.

Windows taskbar showing search bar, taskbar icons (File Explorer, Edge, Mail, etc.), and system tray with time 12:33 PM and date 17/8/2021.

Acetylcholine (ACH) is involved in:

Select the correct option

<input type="radio"/>	Learning
<input type="radio"/>	All of the given options
<input type="radio"/>	Rapid eye Movement sleep
<input type="radio"/>	Memory

Which of the following is largest and longest bundle of fibers of neurons containing Dopamine?

Select the correct option

- Tuberoinfundibular system
- Mesolimbic system
- Nigrostriatal DA system
- Tyrosine hydroxylase

Question # 2 of 10 (Start time: 11:56:27 AM, 17 August 2021)

Indolamine is also known as _____

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Select the correct option.

- | | |
|----------------------------------|---------------------|
| <input checked="" type="radio"/> | 5 hydroxytryptamine |
| <input type="radio"/> | Amino acid |
| <input type="radio"/> | Peptide |
| <input type="radio"/> | Acetylcholine |

Acetylcholine (ACH) has an excitatory effect on the skeletal muscles, but it is inhibitory at _____.

Select the correct option

Pancreas

Heart

Liver

Kidneys

Which of the following is a disease of old age where degeneration of brain takes place to a point where the person cannot carry out any function?

Alzheimer's

Schizophrenia

Parkinson's

Panic attacks

Question 8 of 10 (Start time: 12:00:02 PM, 17 August 2021)

Which of the following is the specialization area in the of the drugs effects on psychological processes?

Select the correct option

 Psychosurgery Psychopharmacology Psychobiology Psychotogenesis

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Question # 6 of 10 (Start time: 12:00:59 PM, 17 August 2021)

Total

The Circadian Rhythms are controlled through the Suprachiasmatic Nucleus (SCN) located in the medial:

Select the correct option

Cerebellum

Thalamus

Medulla

Hypothalamus

The ACH (Acetylcholine) receptors are known as _____ receptors.

Select the correct option

Cholinergic

PCPA

5HIAA

MOAI

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Question # 8 of 10 (Start time: 12:02:15 PM, 17 August 2021)

According to whom "Feeding is under a multifactor control and the multiplicity of signals mean that there are a number of feedback loops for the initiation and termination of intake"?

Select the correct option

Teitlebaum and Epstein (1962)

Mogensen and Carlson (1977)

Higgins (1975)

Snowdon (1969)

Question # 1 of 10 (Start time: 03:15:55 PM, 16 August 2021)

What happen if Noradrenaline (NA) is administered directly in Lateral Hypothalamus in animals?

Select the correct option

<input type="radio"/>	Decreased eating
<input type="radio"/>	No effect of eating
<input type="radio"/>	Hyperactivity
<input type="radio"/>	Increased eating

Click to learn together following the Post Quiz

QUESTION # 2 of 10 (Start time: 03:16:58 PM, 16 August 2021)

Which of the following is an antagonist for muscarinic receptors?

Select the correct option

<input type="radio"/>	Phentolamine
<input checked="" type="radio"/>	Atropine
<input type="radio"/>	Paratyrosine
<input type="radio"/>	Scopolamine

Quiz Start Time: 03:

Question # 3 of 10 (Start time: 03:17:50 PM, 16 August 2021)

Which of the following is largest and longest bundle of fibers of neurons containing Dopamine?

Select the correct option



Tyrosine hydroxylase



Nigrostriatal DA system



Tuberoinfundibular system



Mesolimbic system

Question # 4 of 10 (Start time: 03:10:01 PM, 16 August 2021)

Which of the following is defined as the time required for a rhythm to be completed?

Select the correct option

<input type="radio"/>	Phase
<input type="radio"/>	Amplitude
<input type="radio"/>	Frequency
<input type="radio"/>	Period

Which of the following is the amount of change in the body from the original starting point?

Select the correct option

<input type="radio"/>	Phase
<input type="radio"/>	Period
<input type="radio"/>	Frequency
<input type="radio"/>	Amplitude

Handwritten text: *Handwritten text, possibly a signature or name, partially obscured by a mouse cursor.*

Question # 6 of 10 (Start time: 03:21:08 PM, 16 August 2021)

Atropine and scopolamine lead to decreased ACH in the brain which can cause _____

Select the correct option

<input type="radio"/>	Schizophrenia
<input checked="" type="radio"/>	Amnesia
<input type="radio"/>	Panic attack
<input type="radio"/>	Anxiety

Which of the following is the substance which can be seen when the skin gets darkened by the sun?

Select the correct option

<input type="radio"/>	Tryptophan
<input type="radio"/>	Melatonin
<input type="radio"/>	Monoamine Oxidase
<input type="radio"/>	Phenlalanine

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Question # 8 of 10 (Start time: 03:23:09 PM, 16 August 2021)

Total

According to _____, temperature regulatory behavior is prioritized, purposive, persistent and has periodicity.

Select the correct option

- | | |
|-----------------------|----------|
| <input type="radio"/> | Feldman |
| <input type="radio"/> | Sperling |
| <input type="radio"/> | Mogensen |
| <input type="radio"/> | Comer |

Click to view Answer & Move to Next Question

Question # 9 of 10 (Start time: 03:24:40 PM, 16 August 2021)

Total

Which of the following antidepressant when injected into the brain leads to depression like syndrome and it has used for treating mental illness in the Indian subcontinent since ages?

Select the correct option

<input type="radio"/>	Alcohol
<input checked="" type="radio"/>	Reserpine
<input type="radio"/>	Heroin
<input type="radio"/>	Cocaine

Question # 10 of 10 (Start time: 03:25:47 PM, 16 August 2021)

Total Mar

Which of the following receptors are located on presynaptic nerve terminals and are also located in the pancreas?

Select the correct option

- B2
- B1
- A1
- A2

Which of the following is the substance which can be seen when the skin gets darkened by the sun?

- Monoamine Oxidase
- Melatonin
- Phenlalanine
- Tryptophan

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Which of the following is the best pain killer in the world?

Valium

Morphine

Benzodiazepine

Librium

QUESTION 1 (100 points) (100 points)

The precursor for _____ is tryptophan which varies according to the daily intake of the tyrtophan rich foods (milk, red meat,

5HT

Acetylcholine

Paratyrosine

Phentolamine

The circadian rhythms are controlled through the suprachiasmatic nucleus (SCN) located in the _____.

Select the correct answer.

Pons

Medial hypothalamus

Cortex

Amygdala

Which of the following is the amount of change in the body from the original starting point?

Amplitude

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Period

Phase

Frequency

Which of the following hallucinogenic compound made from plants extracts in Mexico?

Mescaline

Peyote

LSD

Psilocybin

Question 1 of 10 (Total Score: 0/10) (10/01/2024 10:00 AM)

Total Score: 0

Which of the following is involved in auditory and visual systems?

Answer the following question

- Serotonin
- Dopamine
- Acetylcholine
- Agonists

Which of the following antidepressant when injected into the brain leads to depression like syndrome and it has been used for

Select the correct option

- Alcohol
- Cocaine
- Heroin
- Reserpine

Which of the following is found at all neuromuscular junctions, autonomic ganglion and parasympathetic systems?

Select the correct answer

Agonists

Serotonin

Dopamine

Acetylcholine

Who discovered a major catecholaminergic neurotransmitter Dopamine (DA) in 1964?

Carlson

Bloom

Pinel

Udenfriend

Question # 1 of 10 (Start time: 03:51:04 PM, 16 August 2021)

Total Marks: 1

Atropine and scopolamine lead to decreased ACH in the brain which can cause _____.

Select the correct option

<input type="radio"/>	Panic attack
<input type="radio"/>	Anxiety
<input type="radio"/>	Schizophrenia
<input type="radio"/>	Amnesia

[Go to the Question](#) [Go to the Previous Question](#)

Question # 2 of 10 (Start time: 03:52:29 PM, 16 August 2021)

Total Marks: 1

Which of the following system sends out nerve fibers to the forebrain areas such as frontal cortical area, the cingulated cortex, the amygdale and the septum and it is involved with the limbic system (emotional system)?

Select the correct option

<input type="radio"/>	Tuberoinfundibular system
<input type="radio"/>	Nigrostriatal DA system
<input checked="" type="radio"/>	Mesolimbic system
<input type="radio"/>	Tyrosine hydroxylase

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Click on the Answer of the Next Question

Question # 3 of 10 (Start time: 03:53:16 PM, 16 August 2021)

Total Marks: 1

According to _____, temperature regulatory behavior is prioritized, purposive, persistent and has periodicity.

Select the correct option

<input type="radio"/>	Feldman
<input type="radio"/>	Sperling
<input checked="" type="radio"/>	Mogensen
<input type="radio"/>	Comer

[Click to Save Answer](#) [Click to Next Question](#)

Question # 4 of 10 (Start time: 03:54:05 PM, 16 August 2021)

Total Marks: 1

The ACH (Acetylcholine) receptors are known as _____ receptors.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Cholinergic |
| <input type="radio"/> | MOAI |
| <input type="radio"/> | 5HIAA |
| <input type="radio"/> | PCPA |

[Click to Save Answer](#) [Click to Report Question](#)

Question # 5 of 10 (Start time: 03:55:00 PM, 16 August 2021)

Total Marks: 1

Which of the following may be called solar powered animals?

Select the correct option

- | | |
|-----------------------|------------------------|
| <input type="radio"/> | Amphibians |
| <input type="radio"/> | Reptilians, vertebrata |
| <input type="radio"/> | Amphibians, vertebrata |
| <input type="radio"/> | Amphibians, Reptilians |
| <input type="radio"/> | |

[Click to Show Answer & Move to Next Question](#)

Which of the following is the best pain killer in the world?

Select the correct option

- | | | |
|----------------------------------|----------------|---|
| <input checked="" type="radio"/> | Morphine | Download More Quizzes Files From VUAnswer.com |
| <input type="radio"/> | Valium | |
| <input type="radio"/> | Benzodiazepine | |
| <input type="radio"/> | Librium | |

Click to Download Answer File for Next Question

Question # 7 of 10 (Start time: 03:57:03 PM, 16 August 2021)

Total Marks: 1

The Circadian Rhythms are controlled through the Suprachiasmatic Nucleus (SCN) located in the medial:

Select the correct option

<input type="radio"/>	Thalamus
<input type="radio"/>	Cerebellum
<input type="radio"/>	Hypothalamus
<input type="radio"/>	Medulla

[Click to Go to the Next Question](#)

Which of the following system originates from hypothalamus and plays a role in the hormonal controls and modulations?

- Select one answer.
- | | |
|----------------------------------|---------------------------|
| <input checked="" type="radio"/> | Tuberoinfundibular system |
| <input type="radio"/> | Tyrosine hydroxylase |
| <input type="radio"/> | Nigrostriatal DA system |
| <input type="radio"/> | Mesolimbic system |

Options: Save Answer | Flag as Inappropriate

Question # 9 of 10 (Start time: 03:58:59 PM, 16 August 2021)

Total Marks: 1

Which of the following receptors are located on presynaptic nerve terminals and are also located in the pancreas?

Select the correct option

<input type="radio"/>	B2
<input type="radio"/>	A1
<input type="radio"/>	B1
<input type="radio"/>	A2

Click to see Answer/Click to Post Question

The cellular dehydration is mediated by the cholinceptive system of neurons in the preoptic area of the _____.

Select the correct option

- Pons
- Amygdala
- Cortex
- Hypothalamus

[Click to Save Answer & Move to Next Question](#)

Which of the following is the substance which can be seen when the skin gets darkened by the sun?

Select the correct option

Melatonin

Monoamine Oxidase

Tryptophan

Phenlalanine

Which of the following are drugs that block, inhibit or in any way opposes the action of the NT?

Select the correct option

- | | |
|-----------------------|-------------|
| <input type="radio"/> | Agonists |
| <input type="radio"/> | Dopamine |
| <input type="radio"/> | Antagonists |
| <input type="radio"/> | Mitosis |

Question # 3 of 10 (Start time: 04:10:49 PM, 16 August 2021)

Total Marks: 1

Which of the following is involved in mood, emotional states, motivation (hunger, thirst, fight/ flight etc) dream, rewards (learning), sleep alertness and wakefulness?

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| <input checked="" type="radio"/> | Norepinephrine/ Noradrenaline |
| <input type="radio"/> | Antagonists |
| <input type="radio"/> | Mitosis |
| <input type="radio"/> | Agonists |

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The cellular dehydration is mediated by the cholinceptive system of neurons in the preoptic area of the _____.

Select the correct option

- | | |
|-----------------------|--------------|
| <input type="radio"/> | Amygdala |
| <input type="radio"/> | Pons |
| <input type="radio"/> | Cortex |
| <input type="radio"/> | Hypothalamus |

Which of the following is the first step in the serotonin synthesis pathway?

Select the correct option

Trptophan

Deactivation

Decarboxylation

Hydroxylation

Question # 6 of 10 (Start time: 04:12:45 PM, 16 August 2021)

Total Marks: 1

Which of the following sensors are involved in somatosensory systems in sending temperature information to the receptors in the brain ?

Select the correct option

<input type="radio"/>	Taste receptors
<input type="radio"/>	Papilla
<input checked="" type="radio"/>	Skin
<input type="radio"/>	Temporal receptors

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Serotonin is deactivated by _____ as in the other monoamines.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Catecholamine |
| <input type="radio"/> | Acetylcholine |
| <input checked="" type="radio"/> | Monoamine Oxidase |
| <input type="radio"/> | Amino acid |

The degeneration of _____ leads to parkinson's disease.

Select the correct option

- Tyrosine hydroxylase
- Mesolimbic system
- Tuberoinfundibular system
- Nigrostriatal DA system

Question # 9 of 10 (Start time: 04:17:28 PM, 16 August 2021)

Total Marks: 1

The precursor for _____ is tryptophan which varies according to the daily intake of the tyrtophan rich foods (milk, red meat, fruits such as bananas pineapples etc.).

Select the correct option

<input type="radio"/>	Phentolamine
<input checked="" type="radio"/>	5HT
<input type="radio"/>	Acetylcholine
<input type="radio"/>	Paratyrosine

Which of the following is also known as 5 hydroxytryptamine or 5HT?

Select the correct option

- Monoamine Oxidase
- Catecholamine
- Reserpine
- Indolamine

Which of the following occur due to increased level of dopamine in the brain?

Select the correct option

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | Hunger |
| <input type="radio"/> | Emotions |
| <input type="radio"/> | Sleep |
| <input checked="" type="radio"/> | Hyperactivity |

Great! You've completed this quiz.

DA Pathways: There are three major pathways of this system

1. **The Nigrostriatal DA system.** This is largest and longest bundle of fibers of neurons containing DA. This is a major tract which has 80% of brain's Dopamine It originates in the Zona Compacta of Substantia Nigra and sends projections to the Corpus Striatum. The degeneration of this systems **leads to** Parkinson's disease (a major motor disorder in which voluntary movements become increasingly difficult and there are only some stereotypic movements seen). This is also involved in schizophrenia. Reduced levels of DA in this system lead to Parkinson's disease and increased levels lead to schizophrenic symptoms.

systems which work to maintain an internally stable environment of living organism. There are feed forward systems, feedback systems that are constantly monitoring and informing each other of the status (think of very efficient information systems of the computer or an organization) the brain areas and organs are kept informed of each other's status. For example, the somatosensory systems- the skin sensors send temperature information to the receptors in the brain and the temperature receptors would send out messages for making appropriate adjustments. However, the receptors do not exist only on the outside but also within the brain. "It is only against a homeostatic background that other more active systems can function, and many of an animals activities are motivated by the homeostatic needs" (Bridgman, 1988, p. 227). Homeostasis has evolved to support survival by

Steps where drugs can interact in the synthesis pathway

Step 1: This is **first** step in the precursor transportation pathway within the neuron. Phenylalanine has to be hydroxylated to form tyrosine which would then be available for the synthesis into DA. However, this conversion can be blocked as in the case of the genetic disorder PKU (phenylketonuria) where Phenylalanine is build up and transforms into toxics which damage the brain cell. The PKU buildup blocks the transport of both tyrosine and tryptophan in the brain. Therefore

Which of the following discovered the existence of opioids in the brain?

Select the correct option

- | | |
|-----------------------|-----------------------|
| <input type="radio"/> | Hughes and Kosterlitz |
| <input type="radio"/> | Jouvet |
| <input type="radio"/> | Agranoff |
| <input type="radio"/> | Skinner |

QUESTION 7 OF 10 (100%)

Question 7 of 10 (Start time: 07:47:04 PM, 16 August 2021)

Total Marks: 1

Amphibians and reptilians depend on the _____ for their temperature regulation.

Select the correct option

Day & night cycles

External environment

Internal set point

Solar energy

[Download Question Paper PDF](#)

The cellular dehydration is mediated by the cholinergic system of neurons in the preoptic area of the _____.

Select the correct option

Hypothalamus

Pons

Amygdala

Cortex

Question 4 of 10 (Start time: 07:44:54 PM, 18 August 2021)

Total Marks: 1

Which of the following receptors are linked to the stimulation of adenylate cyclase and are found in high concentration in the lungs and cerebellum?

Select the correct option

<input type="radio"/>	B1
<input type="radio"/>	A1
<input checked="" type="radio"/>	B2
<input type="radio"/>	A2

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Which of the following system is also known as the hypothalamic–hypophyseal connection?

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Tyrosine hydroxylase |
| <input type="radio"/> | Nigrostriatal DA system |
| <input type="radio"/> | Tuberoinfundibular system |
| <input type="radio"/> | Mesolimbic system |

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PSY610:Quiz-3

Quiz Start Time: 07:41 PM, 16 August 2021

Question 08 of 10 [Start time: 07:47:40 PM, 16 August 2021]

Total Marks: 1

Which of the following receptors are found in greater numbers in the heart and cerebral cortex and are epinephrine and NE potent agonists?

Select the correct option

B1

B2

A1

A2

Question 8 of 10 (100%) (100%) (100%)

Question 7 of 10 (Start time: 07:40:22 PM, 16 August 2021)

Total Marks: 1

The Important feature of Alzheimer disease is:

Select the correct option

- Loss of appetite
- Loss of memory
- Lack of motor control
- Aggressive behavior

Question # 1 of 10 (Start time: 07:51:26 PM, 16 August 2021)

Which of the following may be called solar powered animals?

Select the correct option

<input type="radio"/>	Amphibians
<input type="radio"/>	Reptilians, vertebrata
<input type="radio"/>	Amphibians, vertebrata
<input type="radio"/>	Amphibians, Reptilians

Question # 5 of 10 (Start time: 07:55:35 PM, 16 August 2021)

Which of the following system is also known as the hypothalamic-hypophyseal connection?

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Tyrosine hydroxylase |
| <input type="radio"/> | Mesolimbic system |
| <input type="radio"/> | Nigrostriatal DA system |
| <input type="radio"/> | Tuberoinfundibular system |



Question # 3 of 10 (Start time: 07:53:38 PM, 16 August 2021)

According to _____, temperature regulatory behavior is prioritized, purposive, persistent and has periodicity.

Select the correct option

- | | |
|-----------------------|----------|
| <input type="radio"/> | Sperling |
| <input type="radio"/> | Corner |
| <input type="radio"/> | Feldman |
| <input type="radio"/> | Mogensen |

File Transfer

Question # 2 of 10 (Start time: 07:52:42 PM, 16 August 2021)

Which of the following is involved in auditory and visual systems?

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Select the correct option

<input type="radio"/>	Dopamine
<input type="radio"/>	Acetylcholine
<input type="radio"/>	Agonists
<input type="radio"/>	Serotonin

Question # 6 of 10 (Start time: 07:56:50 PM, 16 August 2021)

Which of the following sensors are involved in somatosensory systems in sending temperature information to the receptors in the brain ?

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Papilla |
| <input checked="" type="radio"/> | Skin |
| <input type="radio"/> | Temporal receptors |
| <input type="radio"/> | Taste receptors |

07:56:50 PM 16/08/2021

PSY610:Quiz-3

Question # 9 of 10 (Start time: 08:03:25 PM, 16 August 2021)

The nicotinic receptors was the first receptor identified by:

Select the correct option

<input type="radio"/>	Jouvet
<input type="radio"/>	Skinner
<input type="radio"/>	Hughes and Kosterlitz
<input type="radio"/>	Agranoff

Question # 8 of 10 (Start time: 08:02:41 PM, 16 August 2021)

Which of the following occur due to increased level of dopamine in the brain?

Select the correct option

<input type="radio"/>	Hunger
<input type="radio"/>	Emotions
<input type="radio"/>	Sleep
<input type="radio"/>	Hyperactivity

PSY610:Quiz-3

Question # 4 of 10 (**Start time: 07:54:48 PM, 16 August 2021**)

Aggression is produced by _____ area.

Select the correct option

<input type="radio"/>	Upper brain
<input type="radio"/>	Lower brain ventral
<input type="radio"/>	Frontal brain
<input type="radio"/>	Midbrain ventral tegmental

Which of the following is also known as 5 hydroxytryptamine or 5HT?

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VUAnswer.com

Select the correct option

<input type="radio"/>	Catecholamine
<input type="radio"/>	Reserpine
<input type="radio"/>	Indolamine
<input type="radio"/>	Monoamine Oxidase

Question # 7 of 10 (Start time: 07:57:46 PM, 16 August 2021)

Mechanism of evaporation is related to:

Select the correct option

- | | |
|-----------------------|--------------------|
| <input type="radio"/> | Heat regulation |
| <input type="radio"/> | Energy consumption |
| <input type="radio"/> | Heat production |
| <input type="radio"/> | Heat loss |

Question # 7 of 10 (**Start time: 07:57:46 PM, 16 August 2021**)

Mechanism of evaporation is related to:

Select the correct option

<input type="radio"/>	Heat loss
<input type="radio"/>	Heat regulation
<input type="radio"/>	Energy consumption
<input type="radio"/>	Heat production

PSYC

Ques

Wh



10 (Start time: 09:29:27 PM, 16 August 2021)

Following hallucinogenic compound made from plants extracts in Mexico?

Select the correct option

<input type="radio"/>	LSD
<input type="radio"/>	Mescaline
<input type="radio"/>	Peyote
<input type="radio"/>	Psilocybin

Which of the following receptors carry the commands of the brain directly to the organs because they are located post synaptically on blood vessels?

Select the correct option



B1



B2



A2



A1

Ques

10 (Start time: 09:26:58 PM, 16 August 2021)

Wh

Following was the first one to identify the relationship between 5HT and sleep?

96

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input type="radio"/> | Hughes and Kosterlitz |
| <input checked="" type="radio"/> | Jouvet |
| <input type="radio"/> | Agranoff |
| <input type="radio"/> | Skinner |

Ques

10 (Start time: 09:28:14 PM. 16 August 2021)

Wh

Following is largest and longest bundle of fibers of neurons containing Dopamine?

94

Select the correct option



Tuberoinfundibular system



Mesolimbic system



Tyrosine hydroxylase



Nigrostriatal DA system

Question

10 (Start time: 09:32:33 PM, 16 August 2021)

Ind

also known as _____

90

Select the correct option

- | | |
|-----------------------|---------------------|
| <input type="radio"/> | Amino acid |
| <input type="radio"/> | Acetylcholine |
| <input type="radio"/> | Peptide |
| <input type="radio"/> | 5 hydroxytryptamine |

Ques

96

10 (Start time: 09:25:58 PM, 16 August 2021)

Acetylcholine (ACH) has an excitatory effect on the skeletal muscles, but it is inhibitory at _____.

Select the correct option

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Liver |
| <input checked="" type="radio"/> | Heart |
| <input type="radio"/> | Pancreas |
| <input type="radio"/> | Kidneys |

The cellular dehydration is mediated by the cholinergic system of neurons in the preoptic area of the _____

Select the correct option

- Amygdala
- Cortex
- Pons
- Hypothalamus

88

Following is the amount of change in the body from the original starting point?

Select the correct option

Amplitude

Phase

Period

Frequency

PSY610:Quiz-3

Question # 2 of 10 (Start time: 08:00:09 PM, 16 August 2021)

Which of the following is the reciprocal of a period e.g. body temperature reaches a peak once a day?

Select the correct option

<input type="radio"/>	Amplitude
<input type="radio"/>	Phase
<input checked="" type="radio"/>	Frequency
<input type="radio"/>	Period

610:Quiz-3

Question # 3 of 10 (Start time: 08:00:38 PM, 16 August 2021)

What percentage of 5HT is found in the gastrointestinal area (in the enterochromaffin cells of the intestine)?

Select the correct option

<input type="radio"/>	80%
<input type="radio"/>	95%
<input type="radio"/>	70%
<input checked="" type="radio"/>	90%

SY610:Quiz-3

Question # 4 of 10 (Start time: 08:01:37 PM, 16 August 2021)

Preoptic area in the anterior _____ is the master control in both heating and cooling mechanisms.

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | Hypothalamus |
| <input type="radio"/> | Cerebral cortex |
| <input type="radio"/> | Cerebrum |
| <input type="radio"/> | Temporal Lobe |

Question # 5 of 10 (Start time: 08:02:27 PM, 16 August 2021)

Which of the following is the best pain killer in the world?

Select the correct option

<input type="radio"/>	Benzodiazepine
<input type="radio"/>	Librium
<input type="radio"/>	Valium
<input type="radio"/>	Morphine

610:Quiz-3

Question # 6 of 10 (Start time: 08:03:29 PM, 16 August 2021)

Which of the following is found at all neuromuscular junctions, autonomic ganglion and parasympathetic systems?

Select the correct option

<input type="radio"/>	Dopamine
<input type="radio"/>	Serotonin
<input checked="" type="radio"/>	Acetylcholine
<input type="radio"/>	Agonists

Question # 1 of 10 (Start time: 07:58:23 PM, 16 August 2021)

Serotonin is deactivated by _____ as in the other monoamines.

Select the correct option

<input type="radio"/>	Amino acid
<input checked="" type="radio"/>	Monoamine Oxidase
<input type="radio"/>	Acetylcholine
<input type="radio"/>	Catecholamine

PSY610 Quiz-3

Question # 7 of 10 (Start time: 08:04:14 PM, 16 August 2021)

Acetylcholine (ACH) has an excitatory effect on the skeletal muscles, but it is inhibitory at _____.

Select the correct option

Heart

Kidneys

Pancreas

Liver

Question # 8 of 10 (Start time: 08:05:08 PM, 16 August 2021)

Which of the following receptors carry the commands of the brain directly to the organs because they are located post synaptically on blood vessels?

Select the correct option

- | | |
|----------------------------------|----|
| <input type="radio"/> | A2 |
| <input type="radio"/> | B2 |
| <input checked="" type="radio"/> | A1 |
| <input type="radio"/> | B1 |

PSY610:Quiz-3

Question # 9 of 10 (Start time: 08:05:45 PM, 16 August 2021)

Which of the following is defined as the time required for a rhythm to be completed?

Select the correct option

<input type="radio"/>	Frequency
<input type="radio"/>	Amplitude
<input type="radio"/>	Phase
<input checked="" type="radio"/>	Period

Question # 10 of 10 (Start time: 08:06:27 PM, 16 August 2021)

There are two major nonadrenergic pathways: the dorsal bundle and the _____.

Select the correct option

Ventral bundle

Lateral bundle

Horizontal bundle

Vertical bundle

Question # 1 of 10 (Start time: 08:09:00 PM, 16 August 2021)

Which of the following is a disease of old age where degeneration of brain takes place to a point where the person cannot carry out any function?

Select the correct option	
<input checked="" type="radio"/>	Alzheimer's
<input type="radio"/>	Parkinson's
<input type="radio"/>	Schizophrenia
<input type="radio"/>	Panic attacks

Question # 2 of 10 (Start time: 08:09:48 PM, 16 August 2021)

Which of the following is the amount of change in the body from the original starting point?

Select the correct option

<input type="radio"/>	Frequency
<input type="radio"/>	Period
<input type="radio"/>	Phase
<input type="radio"/>	Amplitude

Question # 4 of 10 (Start time: 08:11:32 PM, 16 August 2021)

Temperature or standard that maintains body functions by cooling or heating through homeostasis is named as:

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Resting point |
| <input type="radio"/> | Standard point |
| <input checked="" type="radio"/> | Set point |
| <input type="radio"/> | Fix point |

Atropine and scopolamine lead to decreased ACH in the brain which can cause _____.

Select the correct option

<input type="radio"/>	Schizophrenia
<input type="radio"/>	Panic attack
<input type="radio"/>	Anxiety
<input type="radio"/>	Amnesia

Question # 9 of 10 (Start time: 09:57:43 AM, 17 August 2021)

Total Marks: 1

Which of the following have their own internal controls?

Select the correct option

 Amphibians, Reptilians Mammalians and Birds Amphibians and Birds Amphibians, Vertebrata

Which of the following receptors are located on presynaptic nerve terminals and are also located in the pancreas?

Select the correct option

<input type="radio"/>	B2
<input type="radio"/>	A1
<input type="radio"/>	B1
<input checked="" type="radio"/>	A2

Which of the following is defined as the time required for a rhythm to be completed?

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Select the correct option

<input type="radio"/>	Phase
<input checked="" type="radio"/>	Period
<input type="radio"/>	Frequency
<input type="radio"/>	Amplitude

Which of the following is the substance which can be seen when the skin gets darkened by the sun?

Select the correct option

- | | |
|-----------------------|-------------------|
| <input type="radio"/> | Monoamine Oxidase |
| <input type="radio"/> | Melatonin |
| <input type="radio"/> | Phenlalanine |
| <input type="radio"/> | Tryptophan |

Which of the following is involved in auditory and visual systems?

Select the correct option

- Dopamine
- Serotonin
- Agonists
- Acetylcholine

The important feature of Alzheimer disease is:

Select the correct option

Loss of memory

Loss of appetite

Aggressive behavior

Lack of motor control

Which of the following is the first step in the serotonin synthesis pathway?

Select the correct option

<input type="radio"/>	Decarboxylation
<input checked="" type="radio"/>	Trptophan
<input type="radio"/>	Deactivation
<input type="radio"/>	Hydroxylation

Question # 1 of 10 (Start time: 09:49:03 AM, 17 August 2021)

Total Marks: 1

The precursor for _____ is tryptophan which varies according to the daily intake of the tryptophan rich foods (milk, red meat, fruits such as bananas pineapples etc.).

Select the correct option

<input type="radio"/>	Paratyrosine
<input type="radio"/>	Phentolamine
<input type="radio"/>	Acetylcholine
<input type="radio"/>	5HT

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Question # 2 of 10 (Start time: 09:50:15 AM, 17 August 2021)

Total Marks: 1

The circadian rhythms are controlled through the suprachiasmatic nucleus (SCN) located in the _____.

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | Cortex |
| <input type="radio"/> | Pons |
| <input type="radio"/> | Amygdala |
| <input checked="" type="radio"/> | Medial hypothalamus |

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Question # 10 of 10 (Start time: 09:47:11 AM, 17 August 2021)

Total Marks: 1

Positive Reinforcement or "reward" is linked with:

Select the correct option

 Antagonists Agonists Mitosis Noradrenaline (NA)[Close](#) [Close](#) [Close](#) [Close](#) [Close](#)

Question # 9 of 10 (Start time: 09:46:09 AM, 17 August 2021)

Total Marks: 1

Which of the following receptor is found in the CNS and is associated with glia cells, muscles and walls of blood vessels?

Select the correct option

<input type="radio"/>	Alpha 2
<input type="radio"/>	Alpha 1
<input type="radio"/>	Beta 1
<input type="radio"/>	Beta 2

[Click to Download Question to Next Question](#)

The degeneration of _____ leads to parkinson's disease.

Select the correct option

Tuberoinfundibular system

Tyrosine hydroxylase

Mesolimbic system

Nigrostriatal DA system

Question # 7 of 10 (Start time: 09:43:34 AM, 17 August 2021)

Total Marks: 1

Serotonin is deactivated by _____ as in the other monoamines.

Select the correct option

- | | |
|-----------------------|-------------------|
| <input type="radio"/> | Catecholamine |
| <input type="radio"/> | Monoamine Oxidase |
| <input type="radio"/> | Amino acid |
| <input type="radio"/> | Acetylcholine |

[Click to Save / print / full screen / Next Question](#)

Question # 6 of 10 (Start time: 09:42:15 AM, 17 August 2021)

Total Marks: 1

Atropine and scopolamine lead to decreased ACh in the brain which can cause _____.

Select the correct option

 Schizophrenia Anxiety Amnesia Panic attack

Which of the following discovered the existence of opioids in the brain?

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input checked="" type="radio"/> | Hughes and Kosterlitz |
| <input type="radio"/> | Skinner |
| <input type="radio"/> | Agranoff |
| <input type="radio"/> | Jouvet |

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Question # 4 of 10 (Start time: 09:38:16 AM, 17 August 2021)

Total Marks: 1

When changes occur in the body or behavioral functioning on a regular basis i.e. rhythmic, these are called _____ and these follow a particular rhythm.

Select the correct option

- Biological cycles
- Amplitude
- Frequency
- Phase

Question # 3 of 10 (Start time: 09:37:59 AM, 17 August 2021)

Total Marks: 1

What happen if Noradrenaline (NA) is administered directly in Lateral Hypothalamus in animals?

Select the correct option

<input type="radio"/>	Decreased eating
<input type="radio"/>	No effect of eating
<input type="radio"/>	Hyperactivity
<input type="radio"/>	Increased eating

Question # 2 of 10 (Start time: 09:37:04 AM, 17 August 2021)

Total Marks: 1

Which of the following has been found to have a major influence on behavior, especially motor behavior and schizophrenia?

Select the correct option

- | | |
|-----------------------|-------------|
| <input type="radio"/> | Mitosis |
| <input type="radio"/> | Agonists |
| <input type="radio"/> | Antagonists |
| <input type="radio"/> | Dopamine |

Go to the end of the quiz to see the correct answer.

Question # 1 of 10 (Start time: 09:35:55 AM, 17 August 2021)

Total Marks: 1

NA originates from a small group of neurons located in which part of the brain?

Select the correct option

- | | |
|-----------------------|--------------|
| <input type="radio"/> | Frontal part |
| <input type="radio"/> | Middle part |
| <input type="radio"/> | Cortex |
| <input type="radio"/> | Back part |

Which of the following is the specialization area in the study of the drugs effects on psychological processes?

Select the correct option

Psychotogenesis

Psychobiology

Psychopharmacology

Psychosurgery

Question # 9 of 10 (Start time: 09:30:17 AM, 17 August 2021)

Total Marks:

The Circadian Rhythms are controlled through the Suprachiasmatic Nucleus (SCN) located in the medial:

Select the correct option

<input type="radio"/>	Cerebellum
<input type="radio"/>	Hypothalamus
<input type="radio"/>	Medulla
<input type="radio"/>	Thalamus

Aggression is produced by _____ area.

Select the correct option

- Midbrain ventral tegmental
- Frontal brain
- Upper brain
- Lower brain ventral

Which of the following is the reciprocal of a period e.g body temperature reaches a peak once a day?

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Amplitude |
| <input type="radio"/> | Period |
| <input checked="" type="radio"/> | Frequency |
| <input type="radio"/> | Phase |

Chronic users of amphetamine end up with the symptoms of:

Select the correct option

Panic attacks

Paranoid schizophrenia

Parkinsons

Alzheimer

Which of the following system sends out nerve fibers to the forebrain areas such as frontal cortical area, the cingulate cortex, the amygdala and the septum and it is involved with the limbic system (emotional system)?

Select the correct option

- Nigrostriatal DA system
- Tuberoinfundibular system
- Mesolimbic system
- Tyrosine hydroxylase

Which of the following is the first step in the serotonin synthesis pathway?

Sel

- | | |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | Trptophan |
| <input type="radio"/> | Deactivation |
| <input type="radio"/> | Hydroxylation |
| <input type="radio"/> | Decarboxylation |

Question # 3 of 10 (Start time: 09:21:37 AM, 17 August 2021)

Total Marks:

What percentage of 5HT is found in the gastrointestinal area (in the enterochromaffin cells of the intestine)?

Select the correct option

<input type="radio"/>	70%
<input type="radio"/>	80%
<input checked="" type="radio"/>	90%
<input type="radio"/>	95%

Question # 2 of 10 (Start time: 09:23:13 AM, 17 August 2021)

Total Marks:

The cellular dehydration is mediated by the cholinergic system of neurons in the preoptic area of the _____.

Select the correct option:

 Amygdala Hypothalamus Cortex Pons

Serotonin is deactivated by _____ as in the other monoamines.

Select the correct option

Monoamine Oxidase

Catecholamine

Acetylcholine

Amino acid

The important feature of Alzheimer disease is:

Select the correct option

<input checked="" type="radio"/>	Loss of memory
<input type="radio"/>	Loss of appetite
<input type="radio"/>	Aggressive behavior
<input type="radio"/>	Lack of motor control

Question # 7 of 10 (Start time: 08:14:32 PM, 16 August 2021)

Which of the following receptors are linked to the stimulation of adenylate cyclase and are found in high concentration in the lungs and cerebellum?

Select the correct option

<input type="radio"/>	A1
<input checked="" type="radio"/>	B2
<input type="radio"/>	B1
<input type="radio"/>	A2

Question # 8 of 10 (Start time: 08:15:45 PM, 16 August 202

Chronic users of amphetamine end up with the symptoms of:

Select the correct option

<input type="radio"/>	Parkinsons
<input type="radio"/>	Panic attacks
<input type="radio"/>	<u>Paranoid schizophrenia</u>
<input type="radio"/>	Alzheimer

The circadian rhythms are controlled through the suprachiasmatic nucleus (SCN) located in the _____.

Select the correct option

<input type="radio"/>	Amygdala
<input type="radio"/>	Pons
<input checked="" type="radio"/>	Medial hypothalamus
<input type="radio"/>	Cortex

Question # 10 of 10 (Start time: 08:17:07 PM, 16 August 2021)

Preoptic area in the anterior _____ is the master control in both heating and cooling mechanisms.

Select the correct option

- Cerebrum
- Temporal Lobe
- Hypothalamus
- Cerebral cortex

Which of the following are drugs that block, inhibit or in any way opposes the action of the NT?

Select the correct option

<input type="radio"/>	Dopamine
<input type="radio"/>	Antagonists
<input type="radio"/>	Mitosis
<input type="radio"/>	Agonists

Which of the following is found at all neuromuscular junctions, autonomic ganglion and parasympathetic systems?

Select the correct option

<input type="radio"/>	Agonists
<input checked="" type="radio"/>	Acetylcholine
<input type="radio"/>	Serotonin
<input type="radio"/>	Dopamine

Click to Save / Submit / Flag as Incorrect

Question # 8 of 10 (Start time: 08:53:09 PM, 16 August 2021)

Total Marks: 1

Which of the following is defined as the time required for a rhythm to be completed?

Select the correct option

<input type="radio"/>	Frequency
<input type="radio"/>	Phase
<input type="radio"/>	Amplitude
<input type="radio"/>	Period

[Go to Question / Home / Go to Next Question](#)

According to _____, temperature regulatory behavior is prioritized, purposive, persistent and has periodicity.

Select the correct option

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Feldman |
| <input type="radio"/> | Sperling |
| <input checked="" type="radio"/> | Mogensen |
| <input type="radio"/> | Comer |

Question # 6 of 10 (Start time: 08:51:17 PM, 16 August 2021)

Total Marks: 1

The acronym of electroencephalographic recordings is:

Select the correct option

<input type="radio"/>	EPG
<input type="radio"/>	ECG
<input type="radio"/>	ETG
<input type="radio"/>	EEG

[Click to Go to Previous Question](#)

Which of the following antidepressant when injected into the brain leads to depression like syndrome and it has been used for treating mental illness in the Indian subcontinent since ages?

Select the correct option

<input type="radio"/>	Cocaine
<input type="radio"/>	Heroin
<input type="radio"/>	Alcohol
<input type="radio"/>	Reserpine

Go to Page / Report / Flag / Report Question

There are two major nonadrenergic pathways: the dorsal bundle and the _____.

Select the correct option

- | | |
|-----------------------|-------------------|
| <input type="radio"/> | Lateral bundle |
| <input type="radio"/> | Horizontal bundle |
| <input type="radio"/> | Ventral bundle |
| <input type="radio"/> | Vertical bundle |

Go to the next question

Question # 3 of 10 (Start time: 08:49.02 PM, 16 August 2021)

Total Marks: 1

The first neurotransmitter to be evolved in the brain is:

Select the correct option

<input type="radio"/>	GAD
<input type="radio"/>	GABA
<input type="radio"/>	Oxytocin
<input type="radio"/>	Glutamate

[Go to Quiz Summary / Go to Next Question](#)

Which of the following receptors are found in greater numbers in the heart and cerebral cortex and are epinephrine and NE potent agonists?

Select the correct option

<input type="radio"/>	A2
<input type="radio"/>	A1
<input checked="" type="radio"/>	B1
<input type="radio"/>	B2

Go to Review Questions if you need to Reattempt

Acetylcholine is found in part of the autonomic nervous system known as:

Select the correct option

Ganglions

Cerebellum

Thalamus

Cortex

Which of the following is the substance which can be seen when the skin gets darkened by the sun?

Select the correct option

- | | |
|-----------------------|-------------------|
| <input type="radio"/> | Tryptophan |
| <input type="radio"/> | Phenlalanine |
| <input type="radio"/> | Monoamine Oxidase |
| <input type="radio"/> | Melatonin |

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 08:44:14 PM, 16 August 2021)

Total Marks: 1

Who reported that rats maintain lower than normal weight levels if food is not routed through mouth?

Select the correct option

Snowdon (1969)

Teitlebaum and Epstein (1962)

Higgins (1975)

Mogensen and Carlson (1977)

[Click to Save Answers](#) [Click to Print Page](#)



REPLY



MARK AS READ

PSY610:Quiz-3

Quiz Start Time: 08:36 PM, 16 August 2021

Question # 8 of 10 (Start time: 08:43:06 PM, 16 August 2021)

Total Marks: 1

Aggression is produced by _____ area.

Select the correct option

- | | |
|-----------------------|----------------------------|
| <input type="radio"/> | Frontal brain |
| <input type="radio"/> | Upper brain |
| <input type="radio"/> | Lower brain ventral |
| <input type="radio"/> | Midbrain ventral tegmental |

Click to Give Answer & Move to Next Question

Question # 7 of 10 (Start time: 08:42:21 PM, 16 August 2021)

Total Marks: 1

Which of the following receptors are located on presynaptic nerve terminals and are also located in the pancreas?

Select the correct option

<input type="radio"/>	A1
<input type="radio"/>	B2
<input checked="" type="radio"/>	A2
<input type="radio"/>	B1

[Click to Save Answer & Move to Next Question](#)

Indolamine is also known as _____.

Select the correct option

- 5 hydroxytryptamine
- Peptide
- Amino acid
- Acetylcholine

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 08:39:54 PM, 16 August 2021)

Total Marks: 1

The nicotinic receptors was the first receptor identified by:

Select the correct option

<input type="radio"/>	Jouvet
<input type="radio"/>	Skinner
<input type="radio"/>	Agranoff
<input type="radio"/>	Hughes and Kosterlitz

[Click to Save Answer & Move to Next Question](#)

Which of the following receptors carry the commands of the brain directly to the organs because they are located post synaptically on blood vessels?

Select the correct option

- | | |
|----------------------------------|----|
| <input type="radio"/> | B2 |
| <input type="radio"/> | A2 |
| <input checked="" type="radio"/> | A1 |
| <input type="radio"/> | B1 |

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 08:38:13 PM, 16 August 2021)

Total Marks: 1

There are two major nonadrenergic pathways: the dorsal bundle and the _____.

Select the correct option

Horizontal bundle

Lateral bundle

Ventral bundle

Vertical bundle

[Click to Save Answer & Move to Next Question](#)

Which of the following is an example of Circadian Rhythms?

Select the correct option

- | | |
|-----------------------|----------------------|
| <input type="radio"/> | Mood Shift |
| <input type="radio"/> | Amplitude |
| <input type="radio"/> | Female Estrus Cycles |
| <input type="radio"/> | Sleep/Awakening |

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 08:36:38 PM, 16 August 2021)

Total Marks: 1

The highest concentration of 5HT in the brain is found in which of the following?

Select the correct option

- | | |
|----------------------------------|--------------|
| <input checked="" type="radio"/> | Pineal gland |
| <input type="radio"/> | Cortex |
| <input type="radio"/> | Cerebellum |
| <input type="radio"/> | Thalamus |

[Click to Save Answer](#) [Move to Next Question](#)

Positive Reinforcement or "reward" is linked with:

Select the correct option

Mitosis

Noradrenaline (NA)

Antagonists

Agonists

Question # 9 of 10 (Start time: 08:28:21 PM, 16 August 2021)

Which of the following is a disease of old age where degeneration of brain takes place to a point where the person cannot carry out any function?

Select the correct option

<input type="radio"/>	Schizophrenia
<input checked="" type="radio"/>	Alzheimer's
<input type="radio"/>	Panic attacks
<input type="radio"/>	Parkinson's

Click to Save

Question # 8 of 10 (Start time: 08:27:34 PM, 16 August 2021)

There are two major nonadrenergic pathways: the dorsal bundle and the _____

Select the correct option



Lateral bundle



Ventral bundle



Vertical bundle



Horizontal bundle

Question # 7 of 10 (Start time: 08:26:49 PM, 16 August 2021)

Who reported that rats maintain lower than normal weight levels if food is not routed through mouth?

Select the correct option



Mogensen and Carlson (1977)



Higgins (1975)



Teitlebaum and Epstein (1962)



Snowdon (1969)

Question # 6 of 10 (Start time: 08:25:42 PM, 16 August 2021)

Amphibians and reptilians depend on the _____ for their temperature regulation.

Select the correct option

<input type="radio"/>	Internal set point
<input checked="" type="radio"/>	External environment
<input type="radio"/>	Solar energy
<input type="radio"/>	Day & night cycles

Question # 4 of 10 (Start time: 08:24:15 PM, 16 Augu

Which of the following have their own internal controls?

Select the correct option



Amphibians, Vertebrata



Amphibians, Reptilians



Amphibians and Birds



Mammalians and Birds

Question # 3 of 10 (Start time: 08:23:09 PM, 16 August 2021)

Preoptic area in the anterior _____ is the master control in both heating and cooling mechanisms.

Select the correct option

<input type="radio"/>	Cerebrum
<input type="radio"/>	Temporal Lobe
<input type="radio"/>	Cerebral cortex
<input type="radio"/>	Hypothalamus

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51010. QUIZ-5

Question # 5 of 10 (Start time: 08:25:08 PM, 16 August 2021)

Which of the following is the amount of change in the body from the original starting point?

Select the correct option

<input type="radio"/>	Frequency
<input checked="" type="radio"/>	Amplitude
<input type="radio"/>	Period
<input type="radio"/>	Phase

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Which of the following receptors carry the commands of the brain directly to the organs because they are located post synaptically on blood vessels?

Select the correct option



B1



A2



A1



B2

Question # 1 of 10 (Start time: 08:20:40 PM, 16 August 2021)

Which of the following receptor is found in the CNS and is associated with glia cells, muscles and walls of blood vessels?

Select the correct option



Alpha 2



Beta 1



Alpha 1



Beta 2

Noadrenergic Pathways

There are two major pathways of NA— the **Dorsal** bundle and the Ventral bundle with several pathways projecting in each one of these. The pathways are known as 1, 2, 4, 5, 6, and 7. All these originate in the lower brain areas and ascend to the cortex i.e. they originate in the Pons and the

3. **Amplitude:** is the **amount of change** from the original starting point i.e. $98.4^{\circ} + 1^{\circ}$ or $98.4^{\circ} + 1.5^{\circ}$. How large is the change from the set point or the original point in the cycle. There are individual differences in amplitude. One person may have a rise of $.5^{\circ}$ the other a rise of 1° degrees.