



ESIC

NURSING OFFICER

EMPLOYEES' STATE INSURANCE
CORPORATION

Volume - 4

MENTAL HEALTH & PSYCHOLOGY



CONTENT

PSYCHIATRIC

1. History Psychiatric	13
2. Psychology	4-12
3. Mental Disorder	13-29
4. Terminology	30-32
5. History of Mental Health Nursing	33
6. Etiology / Risk Factor of Mental illness	35-37
7. Clinical Manifestation of Mental Health Disorder ➤ Disorder of Consciousness ➤ Disorder of Psychomotor Activity (PMA) ➤ Dysactivity	38-41
8. Disorder of Perception	42-44
9. Disorder of Thought	45-49
10. Delusion	50-51
11. Disorder of Emotion	53-57
12. Disorder of Memory	57-59
13. Disorder of Attention and Concentration	60

14. Disorder of Insight	60-61
15. Mgt of Mental Illness	62-63
16. Electro-Convulsion Theory (ECT)	64-70
PSYCHIATRIC PSYCHO PHARMACOLOGY	
1. Introduction	71-75
1. Anti-Psychotic Drug ➤ Extrapyramidal Syndrome	75-81
2. Antidepressant Drug	81-82
3. Antimanic Drug	83-85
4. Anxiolytics / Sedatives ➤ Chlordiazepoxide	85-89
5. Psychotherapy	89-96
6. Defense Mechanism	97-105
7. Disulfiram Drug	106-109
8. Diagnosis of Mental Illness	113-114
Disorder	
1. Delirium	115-116
2. Dementia	117-119
3. Schizophrenia	120-123
4. Mood Disorder	123-130

5. Anxiety Neurosis	132-133
6. Phobia	134-136
7. Obsession Compulsion Neurosis (OCN)	136-138
8. Hysteria	139-145
9. Habit Disorder	149-150
10. Sleep Disorder	150-154
11. Psychoactive Substance <ul style="list-style-type: none"> ➤ Narcotics ➤ Stimulants ➤ Alcoholism 	154-164
12. Psychiatric Emergency <ul style="list-style-type: none"> ➤ Suicide 	164-165
13. Child Psychiatric Disorder <ul style="list-style-type: none"> ➤ Community Psychiatric 	166-172
❖ PSYCHOLOGY	173-198

History of Psychiatric

(1) period of persecution (शक/संदेह) ⇒

इस period के दौरान भूत-प्रेत और ^{आत्मा} मानसिक रोगों के लिए जिम्मेदार माना जाता है।

(2) Period of segregation ⇒

इस period के दौरान मानसिक रोगियों के लिए Asylum (आश्रय स्थल) स्थापित हुए।
But इस period में Mental रोगियों के लिए कोई इलाज available नहीं था।

↓
1st Asylum Name → Bethlehem Asylum
for mentally ill pt.
was established

↓
In England.

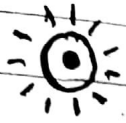
(3) Period of Humanitarian ⇒

इस period के दौरान physician मानसिक रोगियों का इलाज करने लगे।
But इस period में भी मानसिक रोगियों के लिए Exact Rx available नहीं था।

(4) Scientific period ⇒

(A) Insuline COMA therapy / Insuline shock therapy ⇒ It

Was discovered by → SAKEL (1932)



Mental patient ⇒ large dose ⇒ the pt may go into
of Insuline the coma.

(It become
aggressive behaviour) (due to severe
Hypoglycemia)

The patient ← Administer of
get awake. D 25%
5%
10%

(B) 1938 → Ugo Cerlet's and Lucino bini discovered
the

↓
EST/ECT

(C) 1952 →

The 1st antipsychotic drug was discovered

↓
It was → Chlorpromazine [Cpz]

5. Period of prevention → (from 1960 - Now a days)

Rx Aspect in → (i) ECT
psychiatric

(ii) psycho-pharmacology.

(iii) psycho-therapy.

"National Mental Health programme → 1982"

(मानने की क्षमता - क्षमता)

D → Denial → A plan ordinary Rejection (eg → (कम-31/5-1))

A → Angeriness

B → Bargaining

D → Depression

A → Acceptance

(Ana-physiologic) study)

*

BRAIN (पारस्विक Part)

It is the Concrete (पारस्विक) component of central nervous system or It is the organic part of CNS. which grow just like the other system of Human body.

(psychiatric)

*

MIND ⇒

It is the Abstract (अव्यक्त) component of CNS. or It is the functional part of CNS. which grow just like the other system of Human body.

PSYCHOLOGY



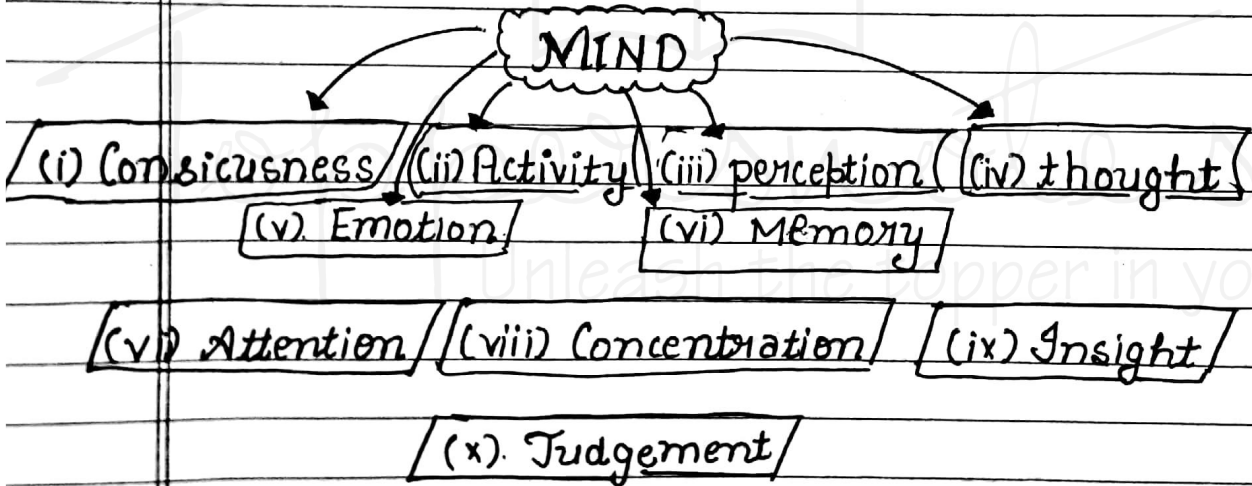
Definition → It is the scientific study of "Consciousness"

(ii) psychology is the scientific study of "Mind"

psychology = psycho + Logos
 ↓ ↓
 Mind Study

OR

But latest days the psychology is define as Scientific "Study of Human behavior"



Orientation ⇒ pt. is known
 place
 Time
 Person.



Consciousness ⇒
 Include Orientation + awareness of self + awareness
 around the surrounding + awareness pain
 stimulus.

eg → Movie (3211111)
Stupor → Mute + Emotionless

* Orientation ⇒ Awareness about TPP
Time
Place
Person

(1) * Consciousness ⇒
The awareness of self, awareness of surrounding, awareness about TPP and the give respond to a painfull stimuli.

(2) * Activity ⇒
The Motor respond of Human body is k/as ~~psycho~~ psycho-Motor-Activity (PMA)
Mind

Eg →
① purposeless or needles PMA used
↓ ↓ ↓
in commonly seen in → Mania

② purposefull psychomotor activity are used in
↓ ↓ ↓
in depression out any Reason.

(3) * Attention ⇒

IMP
(3) Perception ⇒ (R/T to sense organ)

The anything which are experienced

by a person through his sense organ is
OK/as perception

Eye → Auditory perception
Ear → visual perception
Nose → Olfactory perception
Tongue → gustatory perception
Skin → Tactile perception

Q The perception of any individual can be effected by

- Factors of perception
- (A) sensory disturbance
 - (B) previous Experience
 - (C) Individual need
 - (D) All of them [D]

* Types of perception ⇒

- 1) Visual perception
- 2) Auditory perception
- 3) gustatory perception
- 4) Olfactory perception
- 5) Tactile perception

* Disorder of perception

- Two disorder
- (1) Hallucination
 - (2) Illusion

* Wrong perception in the Absence of actual stimulus.

* False perception in the Presence of actual stimulus or Misinterpretation of stimulus

अज्ञान धर्म
पहचान धर्म

↓↓↓
 Hallucination में actual
 stimulus हमेशा absent
 होगा

↓↓↓
 Eg → Movie MBB2 में जाँची
 का ~~Or~~ Ranjay dutt ~~के~~
 के साथ Role (Auditory
 or visual Hallucination)

↓↓↓
 Illusion में actual stimuli
 हमेशा present होगा।

↓↓↓
 Eg → Rope (रस्सी) को साँप
 देख कर सोप डोलना या
 गलत पहचान लेना।

4) * Thought ⇒

Thought / Thinking is the mental process which includes ideas.

⇒ There are 3 level of thinking: → [Thought]

(a) Formation level

↓↓↓
 Formation of
 one idea

(b) progression level

↓↓↓
 when one ideas
 attached from
 another ideas +
 thought process

↓↓↓
 also known as
 ⇒ Association level

(c) Content level

↓↓↓ (Compulsion)
 when there is a
 attachment of
 subject, belief,
 or values to in
 the all ideas.

↓↓↓
 Eg → Delusion

↓↓↓
 disorder of content
 level of thought

* Delusion ⇒

Meaning → A false fix belief is k/as delusion

Eg → (1) Delusion of presecution

(2) Delusion of reference (कहीं भी वो व्यक्ति बात करते हैं तो लगता है कि मेरे बारे में ही बात कर रहे हैं।)

(3) Delusion of grandiosity

(अपने आप को राज या बड़ा समझना/में कुछ भी कर सकता है)

* (5) Emotion ⇒

It is the inner feeling of any individual which can be expressed by facial expression, gesture, posture of body, Speech/T → Tone, Language

V → volume

P → pressure

⇒ Emotion can affect the Human body by two way ⇒

(1) External Emotion ⇒

Facial Expression

Gesture

posture of body

Speech +

Language

(2) Internal Emotion ⇒ * H.R, B.P, Respiration rate and sweating.
 ↓↓↓
 Changes in vitals * Appetite
 * Sleep pattern

⇒ Note ⇒ Mood is a one type of emotion.

⇒ Emotion can be expressed by two way :→ (1) Affect (2) Mood

(1) Affect ⇒ Short term emotion

or

Emotion at a given movement

(2) Mood ⇒ Long term emotion / ^(Prolonged) pervasive Emotion / ^(Sustained) sustained emotion

⇒ During the emotional changes in Human body, there are 2 neurotransmitter changes occur in brain. These are ↓↓↓

(1) Serotonine

(2) Nor-epinephrine

during Happiness → Serotonine & Nor-~~epine~~epinephrine level ↑se

↓↓↓

Condition → Mania

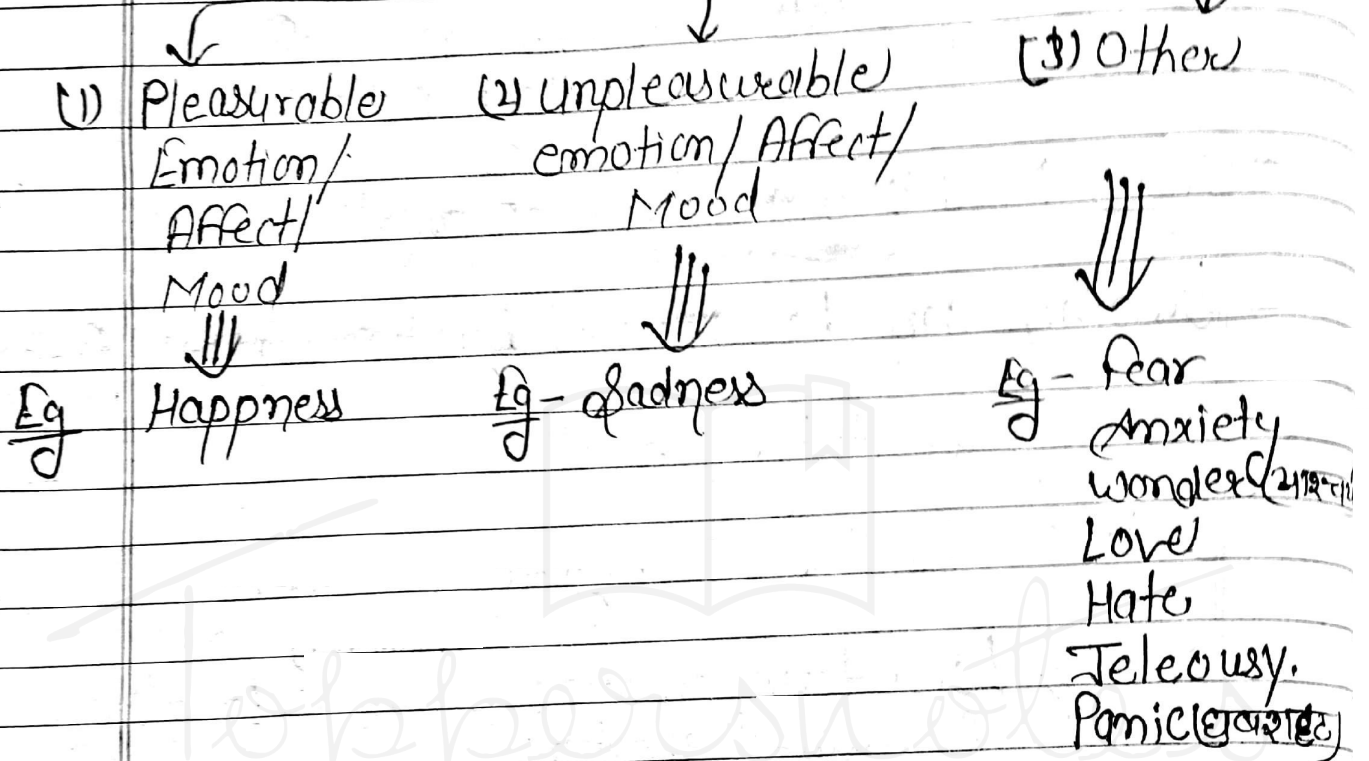
during Sadness ⇒ ↓se

↓↓↓

Condition → depressed

Note

⇒ Emotion can be classified as ⇒



Q Mania and depression are the disorder of:-

- (A) Emotion / Mood / Affect
- (B) PMA
- (C) Thought
- (D) ~~Perception~~ Perception (A)

Mania → flight of ideas
Depression → poverty of ideas (A)

Q Mania and depression are effect

- (A) Emotion / Mood / Affect
- (B) PMA
- (C) Thought
- (D) All of them

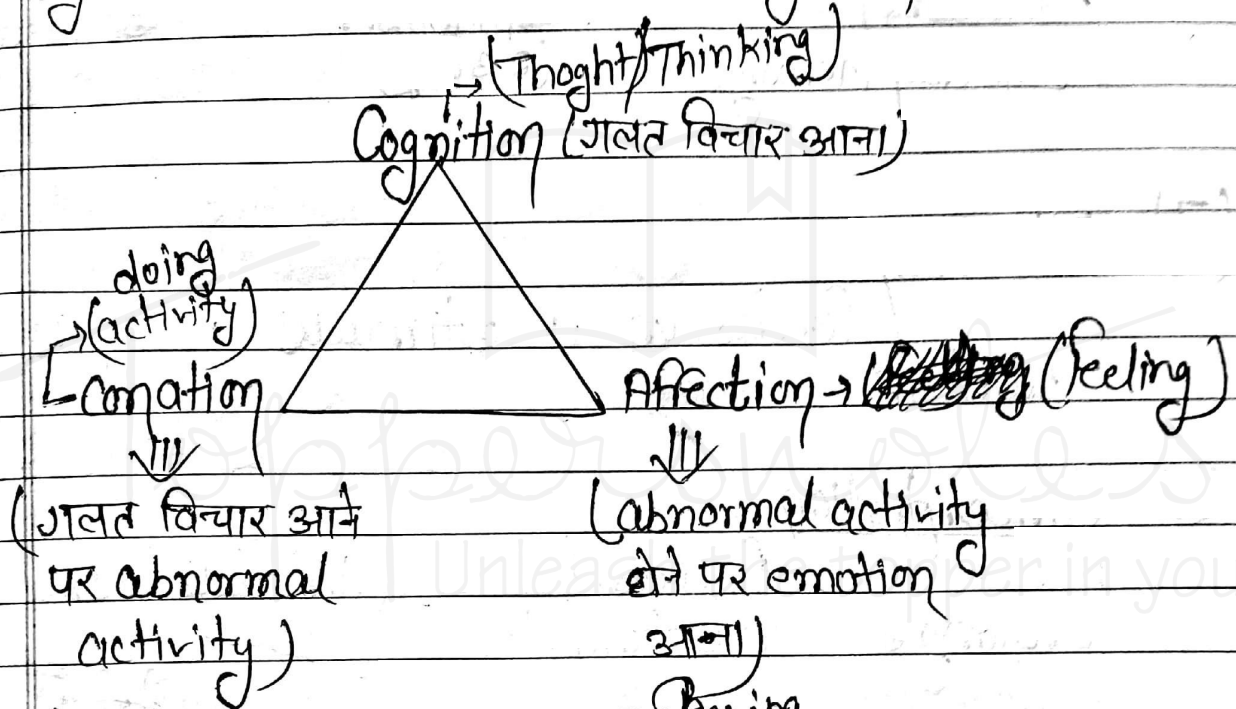
Disorder of Emotion / Affect / Mood

(1) Pleasurable Affect

Eg Mania

(2) Unpleasurable Affect

Eg - Depression



(6) Memory ⇒ (Power of remembering) is k/as Memory
↳ Remembering

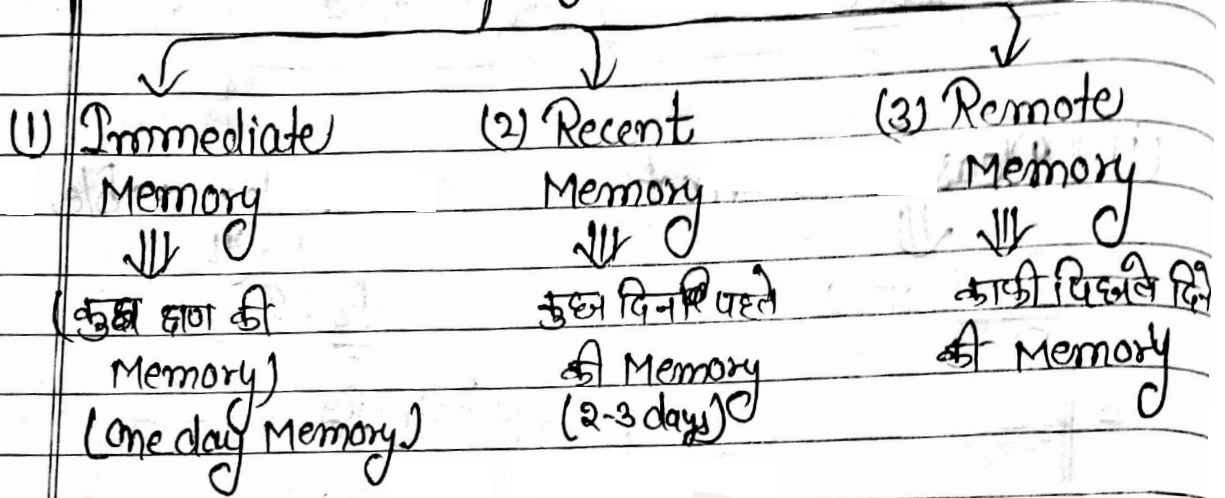
Process ⇒ Attending of a stimulus

Save the stimulus

Recall / Reproduce the stimulus

Types of Memory

Memory



(7) Attention focus on a stimulus is r/as
attention

(8) Concentration focus on a stimulus for prolonged (maintain)

(9) Insight ⇒ ^{जागरूकता} Eg ⇒ ^{आत्मिक} Insight present ⇒ ^{आत्मिकता नहीं होती} Insight Absent.
Awareness of self mental status

(10) Judgement ⇒ (take)
The power to draw the decision

⇒ Eg → Judgement intact ⇒ (decision लेने की क्षमता है)
⇒ Judgement lost

↓

(decision लेने की क्षमता नहीं है)

MENTAL DISORDER

Psychosis → ^{Major} mental illness ~~also~~ ~~not~~ require hospital
 neurosis → ^{Minor} mental illness, Require for Hospital
 ↓ ↓ ↓

Rx → Psychotherapy, judgement intact
 Psychopharmacological

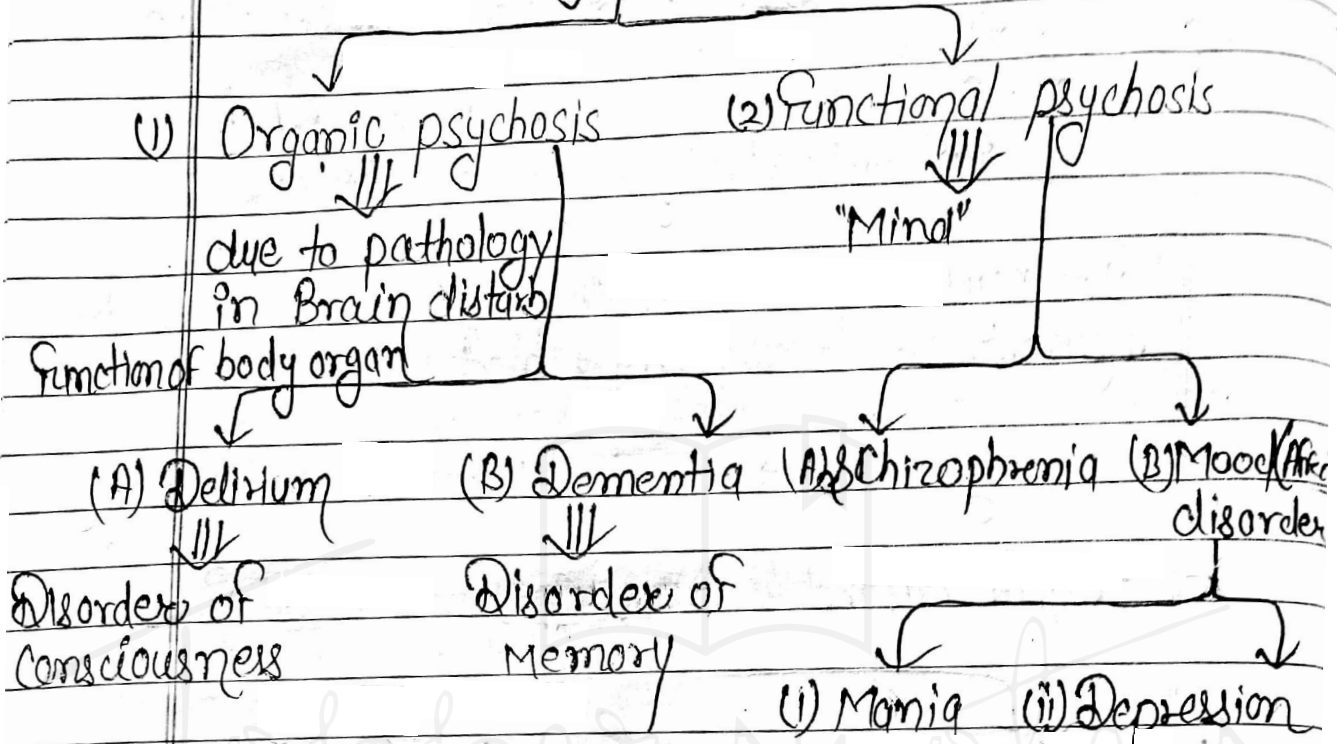
In psychosis pt. personalized disorganized and in
 neurosis pt. personality → intact

psychosis pt → present Hallucination and illusion

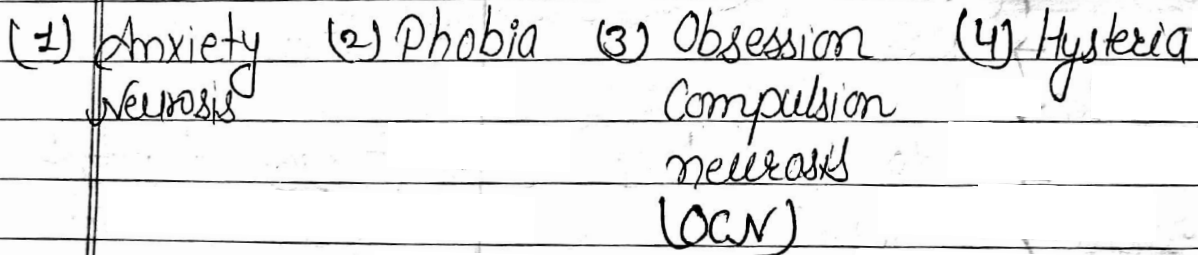
* Mental disorder are categorized two form

(1) Psychosis	(2) Neurosis
① Severity → Major	* Minor
② Hospitalization → usually require Hospitalization	* Does not require Hospital
③ Insight → Absent	* present
④ Hallucination → present and delusion →	* Absent
⑤ judgement → Judgement Loss	* Judgement intact
⑥ personality → Disorganized	* Organized/intact
⑦ Rx → ECT, psychopharmacology	* Psychotherapy psychopharmacology

(1) Psychosis Mental disorder



(2) Neurosis Mental illness/Disorder



(1) * Organic psychosis ⇒ Organic psychosis are R/T to the pathology to Brain or body
 feature ⇒ psychiatric symptom

(A)* Delirium \Rightarrow also k/as \rightarrow Acute Brain Syndrome or Acute Confusional State

\Rightarrow It is a Organic psychosis characterized by clouded consciousness and lack of attention

\Rightarrow Delirium is the disorder of consciousness

\Rightarrow Onset of disorder \rightarrow Acute

\Rightarrow Course of disorder \rightarrow Reversible

\Rightarrow Duration of disorder \rightarrow Less than 6 Month

Eg \rightarrow

(1) Road Accidental injury

(2) Fever \rightarrow High grade

(3) In DM \rightarrow Hypoglycemia

due to given high dose of insulin \rightarrow \Rightarrow

Great clouded consciousness.

(B) Dementia

It is the Organic psychosis characterized by disturbance in memory, disturbance in intelligence & poor personal Hygiene.

\Rightarrow Dementia is the disorder of Memory

\Rightarrow Dementia also k/as \Rightarrow Chronic Brain Syndrome

\Rightarrow Alzheimer's dementia is the commonest type of dementia.