

**Q1 - 24 January - Shift 1**

Given below are two statements :

**Statement I :** Noradrenaline is a neurotransmitter.

**Statement II :** Low level of noradrenaline is not the cause of depression in human.

In the light of the above statements, choose the correct answer from the options given below

- (1) Statement I is correct but Statement II is incorrect
- (2) Statement I is incorrect but Statement II is correct
- (3) Both Statement I and Statement II are correct
- (4) Both Statement I and Statement II are incorrect

*Space for your notes:*

**Q2 - 24 January - Shift 2**

Match List I with List II

LIST I Type		LIST II Name	
A.	Antifertility drug	I.	Norethindrone
B.	Tranquilizer	II.	Meprobomate
C.	Antihistamine	III.	Seldane
D.	Antibiotic	IV.	Ampicillin

Choose the correct answer from the options given below:

- (1) A-II, B-I, C-III, D-IV
- (2) A-IV, B-III, C-II, D-I
- (3) A-I, B-III, C-II, D-IV
- (4) A-I, B-II, C-III, D-IV

*Space for your notes:*

**Q3 - 25 January - Shift 1**

Which of the following statements is incorrect for antibiotics?

- (1) An antibiotic must be a product of metabolism.
- (2) An antibiotic is a synthetic substance produced as a structural analogue of naturally occurring antibiotic.
- (3) An antibiotic should promote the growth or survival of microorganisms.
- (4) An antibiotic should be effective in low concentrations.

Space for your notes:

**Q4 - 29 January - Shift 1**

Match List I with List II

List I	List II
Antimicrobials	Names
(A) Narrow Spectrum Antibiotic	(I) Furacin
(B) Antiseptic	(II) Sulphur dioxide
(C) Disinfectants	(III) Penicillin-G
(D) Broad spectrum antibiotic	(IV) Chloramphenicol

Space for your notes:

(1) (A) – III, (B) – I, (C) – II, (D) - IV

(2) (A) – I, (B) – II, (C) – IV, (D) - III

(3) (A) – II, (B) – I, (C) – IV, (D) - III

(4) (A) – III, (B) – I, (C) – IV, (D) - II

**Q5 - 29 January - Shift 2**

A doctor prescribed the drug Equanil to a patient.

The patient was likely to have symptoms of which disease?

- (1) Stomach ulcers
- (2) Hyperacidity
- (3) Anxiety and stress
- (4) Depression and hypertension

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**Q6 - 30 January - Shift 1**

Amongst the following compounds, which one is an antacid ?

- |                 |                     |
|-----------------|---------------------|
| (1) Ranitidine  | (2) Meprobamate     |
| (3) Terfenadine | (4) Brompheniramine |

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**Q7 - 30 January - Shift 2**

Given below are two statements : One is labelled as **Assertion A** and the other labelled as **Reason R**.

**Assertion A:** Antihistamines do not affect the secretion of acid in stomach.

**Reason R :** Antiallergic and antacid drugs work on different receptors.

In the light of the above statements, choose the **correct** answer from the options given below:

- (1) A is false but R is true
- (2) Both A and R are true and R is the correct explanation of A
- (3) A is true but R is false
- (4) Both A and R are true but R is not the correct explanation of A.

Space for your notes:

**Q8 - 31 January - Shift 1**

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Which of the following artificial sweeteners has the highest sweetness value in comparison to cane sugar?

Space for your notes:

- (1) Aspartame
- (2) Sucralose
- (3) Alitame
- (4) Saccharin

**Q9 - 31 January - Shift 2**

Which of the following compounds are not used as disinfectants?

Space for your notes:

- (A) Chloroxyleneol
- (B) Bithional
- (C) Veronal
- (D) Prontosil
- (E) Terpeneol

Choose the **correct** answer from the options given below:

- (1) A, B, E
- (2) A, B
- (3) B, D, E
- (4) C, D

**Q10 - 01 February - Shift 1**

Match List I with List II

Space for your notes:

List-I	List-II
(A) Tranquilizers	(I) Anti blood clotting
(B) Aspirin	(II) Salvarsan
(C) Antibiotic	(III) Antidepressant drugs
(D) Antiseptic	(IV) Soframicine

Choose the correct answer from the options given

below:

- (1) (A) – IV, (B) – II, (C) – I, (D) – III
- (2) (A) – II, (B) – I, (C) – III, (D) – IV
- (3) (A) – III, (B) – I, (C) – II, (D) – IV
- (4) (A) – II, (B) – IV, (C) – I, (D) – III

**Q11 - 01 February - Shift 2**

Among the following, the number of tranquilizer/s is/are \_\_\_\_\_.

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- Chloroliazepoxide
- Veronal
- Valium
- Salvarsan

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## Answer Key

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(As per Official NTA Key released on 2 Feb)

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**Q1 (1)**

**Q2 (4)**

**Q3 (3)**

**Q4 (1)**

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**Q5 (4)**

**Q6 (1)**

**Q7 (2)**

**Q8 (3)**

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**Q9 (4)**

**Q10 (3)**

**Q11 (3)**

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Q1 (1)

**Fact**

Q2 (4)

**Theoretical, NCERT based.**

Q3 (3)

An antibiotic should not promote growth or survival of microorganisms. Antibiotics should inhibit growth of microbes.

Q4 (1)

- (A) Narrow spectrum antibiotic – penicillin-G
- (B) Antiseptic – Furacine
- (C) Disinfectants – sulphur dioxide
- (D) Broad spectrum antisiotics – chloramphenicol

Q5 (4)

Theory based.

Q6 (1)

1. **Ranitidine:** Antacid
2. **Meprobamate:** Tranquilizer
3. **Terfenadine:** Antihistamine
4. **Brompheniramine:** Antihistamine

Q7 (2)

Antiallergic and antacid drugs work on different receptors

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Q8 (3)

Sweetness value order wrt cane sugar

Alitame > Sucralose > Saccharin > Aspartame

Q9 (4)

Veronal is neurological medicine, Prontosil is antibiotic, rest all are disinfectants.

Q10 (3)

NCERT (Chemistry in every day life)

Q11 (3)

(chlorodiazepoxide, Veronal, Valium is tranquilizer where as salvarsan is antibiotic.

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