

NEET BODY FLUIDS AND CIRCULATION — ELECTROCARDIOGRAPH (ECG) — PYQS

Max. Marks: 28

Questions: 7

Section A (MCQ) — 7 questions

Q.1 Match **List I** with **List II** :

List - I		List - II	
A.	P wave	I.	Heart muscles are electrically silent.
B.	QRS complex	II.	Depolarisation of ventricles.
C.	T wave	III.	Depolarisation of atria.
D.	T-P gap	IV.	Repolarisation of ventricles.

Choose the correct answer from the options given below : [NEET (UG) 2024]

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

Scan or tap for the full solution



Q.2 Match **List I** with **List II**.

List I		List II	
A.	P-wave	I.	Beginning of systole
B.	Q-wave	II.	Repolarisation of ventricles
C.	QRS complex	III.	Depolarisation of atria
D.	T-wave	IV.	Depolarisation of ventricles

Choose the correct answer from the options given below : [NEET (UG) 2023]

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

Scan or tap for the full solution



Q.3 The QRS complex in a standard ECG represents

[NEET (UG) 2020]

- (1) Repolarisation of ventricles
 (2) Repolarisation of auricles
 (3) Depolarisation of auricles
 (4) Depolarisation of ventricles

Scan or tap for the full solution



Q.4 Match the **Column-I** with **Column-II** :

Column-I		Column-II	
a.	P-wave	i.	Depolarisation of ventricles
b.	QRS complex	ii.	Repolarisation of ventricles
c.	T-wave	iii.	Coronary ischemia
d.	Reduction in the size of T-wave	iv.	Depolarisation of atria
		v.	Repolarisation of atria

Select the correct option.

[NEET (UG) 2019]

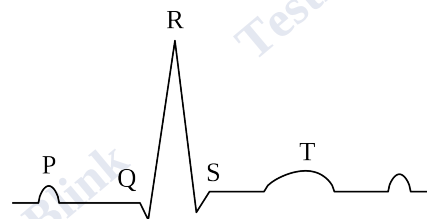
- (1) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
 (2) (a)-(iv), (b)-(i), (c)-(ii), (d)-(v)
 (3) (a)-(ii), (b)-(i), (c)-(v), (d)-(iii)
 (4) (a)-(ii), (b)-(iii), (c)-(v), (d)-(iv)

Scan or tap for the full solution



Q.5 The diagram given here is the standard ECG of a normal person. The P-wave represents the

[NEET 2013]

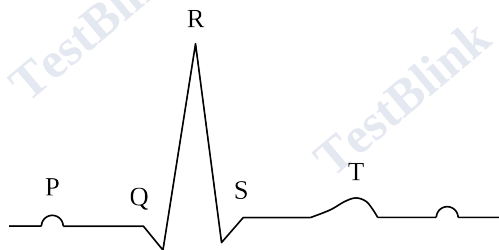


- (1) beginning of the systole
 (2) end of systole
 (3) contraction of both the atria
 (4) initiation of the ventricular contraction.

Scan or tap for the full solution



Q.6 Given below is the ECG of a normal human. Which one of its components is correctly interpreted below? [AIPMT 2011 (Mains)]



- (1) Complex QRS - one complete pulse
- (2) Peak T - initiation of total cardiac contraction
- (3) Peak P and peak R together - systolic and diastolic blood pressures
- (4) Peak P - initiation of left atrial contraction only

Scan or tap for the full solution



Q.7 In a standard ECG which one of the following alphabets is the correct representation of the respective activity of the human heart?

[AIPMT 2009]

- (1) S - start of systole
- (2) T - end of diastole
- (3) P - depolarisation of the atria
- (4) R - repolarisation of ventricles

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7				
Ans.	2	4	4	1	3	1	3				