

Pramukh Swami Science & H.D. Patel Arts College, Kadi
Master of Vocation Pharmaceutical Chemistry Semester- I
Internal Examination, January-2019,
(MPC-102)Advanced Pharmacology - I
Time: 2 hours 02/01/2019 Total Marks: 60

Que-1. Answer any 12 questions. Each question carries 1 mark[12]

1. Define Neurotransmission.
2. What is threshold potential?
3. Full form of GABA.
4. In case of fatal systolic pressure should be in range of ___ in mmHg.
(a) 80-100 (b) 65-95 (c) 120-140(d) none of above.
5. Negative inotropic increases the strength of muscular contraction.
(True/False)
6. What is the role of vesicle in neurotransmission?
7. Enlist the lipoprotein profile in healthy adult.
8. Low secretion of dopamine is responsible for the _____
(a) Parkinson's disease (b) Acts as vasodilator
(c) Both a & b (d) None of above
9. Thick ALOH is also known as diluting fragment of nephron.
(True/False)
10. Give two examples of K^+ sparing diuretics?
11. What is lipoprotein?
12. What is Automaticity?
13. In which form iron is stored in human body?

Que.2. Answer any five questions. Each question carries 4marks

[20]

1. Give the definition of following: -
(a) Tachycardia (b) Haemostasis
(c) Hyperlipidaemia (d) Vascular Spasm
2. Write a short note on iron absorption.

3. Explain about types of cholinergic receptor.
4. Short note on steps involved in neurotransmission.
5. Explain in brief about hyperlipidaemia.
6. Short note on histamine and serotonin.
7. Explain in detail about Haematinics.

Que.3. Answer any four questions. Each question carries 7 marks [28]

1. Role of Renin Angiotensin System in case of BP.
2. Give a detail note on GABA & Dopamine.
3. Explain in detail about Diuretics.
4. Give classification of Antihypertensive drugs.
5. Explain about parasympathetic system.
6. Neurohumoral transmission in ANS.