

HALF YEARLY EXAMINATION

SEPTEMBER 2019

SET C

CLASS XI

Marking Scheme –BIOLOGY -044 [THEORY]

Q.NO.	Answers
13.	Cardiac, fundus and pylorus; papillae- taste buds 2+1
14.	Any two roles – 2 marks ; prevents entry of food into trachea 1m OR As bicarbonates/ in dissolved form in plasma/ carboxyhaemoglobin 3 m
15.	Role of pons, medulla and chemoreceptos 3 m
16.	Definition – 1 m; systole and diastole 2m
17.	One function each.
18.	Counter current mechanism. / role of vasarecta/ loop of henle/ CD/ urea and NaCl. 6X ½
19.	<p style="text-align: right;">6X ½</p> <p>Fall in GFR ↓ Renin from JG cells Angiotensinogen → Angiotensin I → Angiotensin II ↓ Acts on Adrenal Cortex ↓ Secretes aldosterone Reabsorption from DCT ↓ Increase in GFR</p>
20.	Synovial fluid – 1m; for four types 2 m
21.	Functional gap between two neurons; role of synaptic vesicles/ Neurotransmitters/ 3 m
22.	Function – 1 m each OR Any three types – 1 m each
23.	<p>Meristematic tissues are composed of cells that have the capability to divide. These cells are exist in different shapes without intercellular space. Cells are hin walled, rich in protoplasm, without vacuoles.</p> <p>Permanent tissues are derived from meristematic tissue and are composed of cells have their definite shape, size and function. These cells may be thin walled (living) or thick walled (dead).</p> <p style="text-align: right;">6 x ½</p>

