

ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں

<b>Student Name</b>		<b>Roll No:</b>	<b>Date:</b> / /
سوچ بدلیں، معاشرہ بدلیں		<b>Class 2<sup>nd</sup> Year</b>	<b>Ch#19</b>
<b>T- Marks - 40</b>		<b>Subject: Biology</b>	<b>Time: 35 - M</b>
		<b>Obtained Marks:</b>	
ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں			
<b>Q#1</b>	<b>Encircle the Correct Option</b>		<b>10X1=10</b>

1. For maximum growth of plants the optimum temperature.

- a** 15-20 %      **b** 20-25%      **c** 25-30%      **d** 30-35%

2. Cleavage results in the formation of rounded closely packed mess of blastomeres called.

- a** Morulla      **b** Balastulla      **c** Gastrula      **d** Neurula

3. Apical dominions is case by

- a** Gibberllins      **b** Cytokinins      **c** Ethane      **d** Auxine

4. Neurula is stage in which embroyu has?

- a** Blastocoele      **b** Neural tube      **c** Germ layers      **d** None of these

5. A palnt has a growth pattern called?

- a** Open growth      **b** Closed growth      **c** Both A & B      **d** None of these

6. The ability to regnin the injured part of body is called ?

- a** Recovery      **b** Reproduction      **c** Re germination      **d** Regeneration

7. The branch of biology which deals with the study of abnormal development and their causes is called?

- a** Teratology      **b** Gerontology      **c** Embryology      **d** Microcephaly

8. The condition in which individuals are born with small skull is?

- a** Gerontology      **b** Microcephaly      **c** Embryology      **d** Teratology

9. After fertilization the egg under goes a service of mitosis division is called?

- a** Morulla      **b** Blastula      **c** Neurulation      **d** Clearnge

10. During elongation the cell volume increases .....folds due to uptake of water.

- a** 150      **b** 50      **c** 70      **d** 80

**Q # 2**

**Short Questions**

**2x10 = 20**

1. Differentiate between growth and development?
2. What is meristem ?
3. What do you know about open growth ?
4. Discuss the position and importance of epical meristem ?
5. Differentiate between morulla and blastolua stage in the development of chick.
6. What is basic difference between chick and amphibian embryo?
7. Define correlation?
8. Define hypoblast and epiblast?
9. Describe the role of cytoplasm in development?
10. Write a short note on types of growth.

**Q # 3**

**Long Questions**

**2 X 5 = 10**

1. Describe the re generation in details?
2. Explain the development processes of chick?