

# USWA COLLEGE ISLAMABAD

Entry Test

Class XI

## Paper Biology

Time Allowed : 45 Minutes

Total Marks:30

Name : .....

Father's name:.....

Roll No ......

Group:.....

**Note:** Solve any TEN questions.

**Q.1** One Doctor was observing the asthma patient .He observed in this patient that muscles at base of thoracic cavity and muscles between the ribs are not contracting and relaxing properly. Name these two muscles and name the processes in which these muscles are involved.

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**Q.2** Name muscles and bones of forelimbs

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**Q. 3** Draw complete diagram of reflex action and label perfectly the areas inside spinal cord and pathways of neurons.

A series of horizontal dashed lines provided for drawing a diagram of a reflex action. The lines are evenly spaced and span the width of the page, intended for sketching the spinal cord and neural pathways.

**Q. 4** Observe the following flow sheet regarding flow of urine  
Cortex ----- Medulla ----- Renal Pelvis----- Hilus ----- A----- Urinary  
Bladder ----- B. Name A and B in flow sheet.

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**Q. 5** Name two main structures inside Ovule after double fertilization

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**Q. 6** First process of aerobic and anaerobic respiration is same ..Name this process only with correct spelling.

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Lined writing area with horizontal dashed lines.

**Q. 8** What is phenotype of  $rrYY$  in law of independent assortment.

Lined writing area with horizontal dashed lines.

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**Q. 9** Name two bacteria who convert ammonia into nitrite and nitrite into nitrate.

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**Q. 10** Name three antibiotics

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**Q. 11** In Cross section of leaf we can see three photosynthetic cells. Name photosynthetic cell of leaf who involve in exchange of gases in Plants .

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**Q. 12** Name two neurons whose cell bodies are inside spinal cord.

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