



UNIVERSITY OF THE PUNJAB

B.A. / B.Sc. Part – II

Annual Examination – 2019

Subject: Microbiology-II

PAPER: A

MAX. TIME: 40 Min.

MAX. MARKS: 30

Roll No. in Fig.

Roll No. in Words.

Signature of Supdt.:

Attempt this Paper on this Question Sheet only.

Please encircle the correct option. Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q1.	<p>MCQS: (10 marks)</p> <ol style="list-style-type: none">1. Two or more cytokines acting together<ol style="list-style-type: none">a. Synergismb. Antagonismc. Pleiotropicd. Redundant2. Bone marrow is a sponge-like tissue situated inside of the<ol style="list-style-type: none">a. Boneb. Tissuesc. Organd. Cell3. The gland-like organ is situated behind the breast bone above the heart<ol style="list-style-type: none">a. Thymusb. Bone marrowc. Spleend. Lymph nodes4. _____ separates molecules according to differences in their electrical charge.<ol style="list-style-type: none">a. Agglutinationb. Precipitationc. Electrophoresisd. ELISA5. _____ is a large Y-shape protein produced by plasma cells.<ol style="list-style-type: none">a. Paratopeb. Immunoglobulinsc. Epitoped. Neurons6. The secretory piece helps _____ to be transported across mucosa and also protects it from degradation in the secretions.<ol style="list-style-type: none">a. IgMb. IgGc. IgAd. IgE7. Antigens that induce immune response are known as<ol style="list-style-type: none">a. Immunoglobulinb. Immunogenc. Adjuvantd. Toleragen8. The symptoms resulting from allergic responses are known as anaphylaxis mediated by<ol style="list-style-type: none">a. IgMb. IgGc. IgAd. IgE9. Group of identical antigens found in unrelated organisms<ol style="list-style-type: none">a. Microbial antigenb. Haptensc. Heterophild. Isoantigens
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P.T.O.

