

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 07-Sep-2023

Time: Three Hours**Max. Marks: 100 Marks**

ALLERGY AND ALLERGEN – SPECIFIC IMMUNOTHERAPY - PAPER – I

QP Code: 4365

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions**10 X 10 = 100 Marks**

1. What are the common indoor allergens and describe the characteristics of House dust mite and significance of cockroach allergen?
2. Define cytokines and describe the action of each cytokine relevant to allergic and immune response.
3. What are the sources of aeroallergens? Discuss cross-reactivity between grasses, tree, weeds and fungi.
4. Define allergen, polysensitization, co-sensitization, cross-reactivity, poly-allergy, component resolved diagnosis (CRD).
5. What are the differential diagnosis of recurrent angioedema and its management?
6. What is the significance of Total IgE, specific IgE and Nasal provocation test?
7. What are the Type 2 inflammatory diseases and their management?
8. What are biologicals and explain their role in severe asthma?
9. What is the importance of allergen extract quality in diagnosis and allergen immunotherapy?
10. What are the drug hypersensitivity reactions and what types of diagnostic testing are available to evaluate drug reaction?

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