Immunology Worksheet

Α	Read	and	fill	the	gaps.
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A read and in the Babar
The principal role of the immune system is to(1) the body against possible infections. The immune system has evolved over millions of years to respond and destroy any organisms(2) have entered the body.
The complexity of immune systems generally mirrors evolutionary history: more 'primitive' organisms have immune systems composed(3) discrete, general purpose, effector cells and molecules; more 'advanced' organisms have developed organs and tissues(4) a specific immune purpose. A key part of Immunology involves studying(5) the many different organs, cells and molecules of the immune system work and interact(6) each other.
The earlier form of the immune system is known (7) the 'innate' immune system, and is found in a wide range of organisms (including invertebrates and primitive vertebrates); the (8) form is known as the 'adaptive' immune system and is common to higher vertebrates (including humans).
Specifically:
 The innate immune system includes natural barriers to infection, (9) as skin and cells lining the mouth, as well as the effector cells and molecules The adaptive immune system includes specialised cells, organs and tissues (10) are responsible for reacting to a specific foreign substance
B Answer these questions: 1 What is the major role of the immune system? 2 Describe the difference between the 'primitive' and 'advanced' immune systems.
C Read the text again and find synonyms for the following terms: 1 distinguish, tell apart 2 develop 3 particular 4 have an effect on one another 5 an obstacle
Allergy
A Lead-in
1 Are you allergic to anything?
2 What kinds of allergy do you know?
3 What do you know about allergies?

B Affinity diagram. Put these terms into appropriate categories.

C Listen and fill the missing words.				
1 An allergy is an to a normally harmless substance called an al	lergen			
2 On first, the inhaled allergen enters the mucous membrane lir taken up by the antigen-presenting cell which presents it to the T-cells. The called IgE antibodies against the allergen.				
3 These IgE antibodies sit on the of the mast cells. The mast chemical mediators like histamine and prostaglandins etc.	ells have granules			
4 On exposure, the allergen to the IgE antibodies presen This results in the of histamine, prostaglandins and other				
5 These mediators cause dilation of the surrounding vessels and increase their permeability This results in the nasal, sneezing and mucous discharge of allergic rhinitis.				
6 Antihistamines work by the action of histamine at its the body's reaction to the allergen	s receptors and thus			
Grammar point – Indirect speech				
Yesterday you met a friend of yours, Steve. You hadn't seen of the things Steve said to you:	him for a long time. Here are some			
1 I'm living in London.	⁷ I haven't seen Amy recently.			
2 My father isn't very well.	I'm not enjoying my job very much.			
3 Rachel and Mark are getting married next month.	You can come and stay at my place if you're ever in London.			
4 My sister has had a baby. 10) My car was stolen a few days ago.			
5 I don't know what Joe is doing. Steve	I want to go on holiday, but I can't afford it.			
6 I saw Helen at a party in June and she seemed fine.	? I'll tell Chris I saw you.			
2 He said that				
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