

## Unit 13 - Week 11

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## Assignment 11

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2020-12-02, 23:59 IST.**

- 1) The term 'xenoimmunity' refers to – 1 point
- A. Immune response to foreign antigen  
B. Immune response to self antigen  
C. Immune response to transplanted organs  
D. Immune response to commensal microbiota
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D.
- 2) The principal mechanisms of peripheral tolerance include: 1 point
- A. Suppression by Treg cells  
B. Anergy  
C. Activation-induced cell death  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D.
- 3) The function of Autoimmune regulator (AIRE) gene is to – 1 point
- A. Inhibit T cell development  
B. Help T cells to proliferate  
C. promotes expression of tissue-specific antigens for T cells to recognize the "self"  
D. None of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C.
- 4) Myasthenia Gravis is caused by the production of autoantibodies against 1 point
- A. Myelin basic proteins  
B. TSH receptor  
C. Acetylcholine receptor  
D. None of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C.
- 5) In SLE, which one of the following receptors is involved in activating autoreactive B cells? 1 point
- A. TLR4  
B. TLR9  
C. NLR  
D. CLR
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B.
- 6) Inhibitory cytokines produced by natural Treg cells to inhibit self-reactive T cells – 1 point
- A. IL-10  
B. TGF- $\beta$   
C. Both A and B  
D. None of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C.
- 7) A syngenic graft is tolerated as it involves transplantation between– 1 point
- A. Genetically distinct individuals  
B. Genetically identical individuals  
C. Same individual  
D. Genetically distinct individuals for MHC
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B.
- 8) Minor histocompatibility proteins are responsible for graft rejection due to their– 1 point
- A. Antigenicity  
B. Secondary structure  
C. Polymorphicity  
D. Helical propensity
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C.
- 9) Indirect allorecognition is mediated by the presentation of donor molecules to the T cells by- 1 point
- A. Donor MHC molecules  
B. Self MHC molecules  
C. Both donor and self MHC molecules  
D. None of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B.
- 10) The fetus is an allograft that is not rejected because – 1 point
- A. Absence of MHC II on trophoblast layer of placenta  
B. Nutrient depletion of T cells by the action of IDO enzyme  
C. Upregulation of induced Treg cells  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D.