

## Unit 11 - Week 9

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## Assignment 9

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

**Due on 2020-11-18, 23:59 IST.**

- 1) Two cytokines IL4 and IL5 together act in B cell class switching process. This phenomenon is known as – 1 point
- A. Redundancy  
B. Pleiotropy  
C. Synergy  
D. Antagonism
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C
- 2) Complements are the proteins that are involved in the clearance of antigens/bacteria. Initiation of which of the following pathway involves antibodies? 1 point
- A. Alternative Pathway  
B. Classical Pathway  
C. Lectin Binding Pathway  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B
- 3) The major functions of complement proteins involve – 1 point
- A. Lysis  
B. Opsonization  
C. Inflammation  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D
- 4) Which of the following is NOT a C3-convertase? 1 point
- A. C4b2a  
B. C3bBb  
C. C1qr2s2  
D. None of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C
- 5) Which of the following complement cleavage product is not a component of the Membrane Attack Complex (MAC)? 1 point
- A. C5b  
B. C6  
C. C9  
D. C3b
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D
- 6) Which of the following components are part of the lectin pathway? 1 point
- A. Mannose Binding Lectin  
B. Ficolin  
C. Membrane-associated serine protease  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D
- 7) Chemokine receptors belong to which of the family of cytokine receptors – 1 point
- A. Class I  
B. Class II  
C. TNF family  
D. GPCR
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D
- 8) Which of the following complement cleavage products can enhance inflammation and help in neutrophil extravasation? 1 point
- A. C3a and C5a  
B. C3b and C4b  
C. C3f and C3c  
D. All of the above
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
A
- 9) Which factor cleaves the membrane associated complement cleavage products C4b and C3b leading to their inactivation? 1 point
- A. Factor D  
B. Factor I  
C. Factor B  
D. Factor H
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B
- 10) The regulator of complement that can bind to C5b67 and inhibit innocent bystander lysis is: 1 point
- A. Decay accelerating factor  
B. Homologous Restriction factor  
C. S-protein  
D. Membrane Cofactor Protein
- A.  
 B.  
 C.  
 D.
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C