

Antibody present in colostrum is

A IgG



B IgA



C Ig



D IgE



Interferons are

A Cytokine barriers



B Physical barriers



C Cellular barriers



D Physiological barriers



A Acquired Haemolytic anaemia

☐

B Rheumatoid arthritis

☐

C Hashimoto disease

☐

D All of these

☒

Cells Involved in Innate Immunity
are_____.

A Phagocytes

☐

B Macrophages

☐

C Monocytes

☐

D All of the above

☒

A IgM



B IgD



C IgE



D IgG



Column-1 Column-2

(A) Eosinophils (a) Develop into tissue macrophages.

(B) Monocytes (b) Defense against parasitic infections

(C) T -lymphocytes (c) Humoral immune response

(D) B -lymphocytes (d) Cell mediated Immunity

A A-a, B-c, C-b, D-d



B A-b, B-a, C-d, D-c



C A-b, B-c, C-d, D-a



D A-b, B-a, C-d, D-c

Which of the following statements are not correct about AIDS?

1. A widely used diagnostic test for AIDS is enzyme linked immuno-sorbent assay (ELISA).
2. Treatment of AIDS with anti-retroviral drugs is very effective and can save the life of the patient and prevent death.
3. Due to decrease in the number of helper T lymphocytes, the person starts suffering from infections

A 1 only.



B 2 only.



A DNA.



B m-RNA from DNA.



C Soluble RNA.



D Nucleotides.



Given below are two statements:

Assertion (A): Red blood cells shed their nucleus to create space for carrying more Hb.

Reason (R): White blood cells accept that nucleus.

In the context of the above statement which one of the following is correct?

A ☐ Both A and R are true and R is the correct explanation of A.

B ☐ Both A and R are true but R is not the correct explanation of A.

C ☒ A is true but R is false.

Which of the following immunity is called the first line of defence?

A Innate Immunity



B Active immunity



C Passive immunity



D Acquired immunity



Column-1 Column-2

- (A) Immunoglobulin G (IgG) (a) 2 sub classes.
- (B) Immunoglobulin M (IgM) (b) 70-75% of total pool.
- (C) Immunoglobulin A (IgA) (c) Stimulates antibody producing cells .
- (D) Immunoglobulin D (IgD) (d) First to take part in immune response.

A A-a, B-c, C-b, D-d



B A-b, B-a, C-c, D-d



C A-b, B-d, C-a, D-c



D A-a, B-b, C-a, D-c



AIDS disease is caused by a virus which belongs to

A Rhabdom virus group.



B Retro virus group.



C Adeno virus group.



D Novel virus group.



A Mechanical barriers.

☐

B Chemical barriers.

☐

C Both a and b.

☒

D None of these.

☐

Which of the following cells is involved in cell-mediated immunity?

A Leukemia

☐

B T cells

☒

C Mast cells

☐

D Thrombocytes

☐

Given below are two statements:

Assertion (A): The exaggerated response of the immune system to certain antigens present in the environment is called allergy.

Reason (R): The use of drugs like anti-histamine, adrenalin and steroids rapidly increase the symptoms of allergy.

In the context of the above statements, which one of the following is correct?

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- ☐ A Both A and R are true and R is the correct explanation of A.
- ☒ B Both A and R are true but R is not the correct explanation of A.

A IgA – 1



B IgG – 2



C IgG – 1



D IgG – 3



The most abundant antibody found in serum is

A IgA – 1

☐

B IgG – 2

☒

C IgG – 1

☐

D IgG – 3

☐

Given below are two statements:

Assertion (A): Rheumatoid arthritis which affects many people in our society is an auto-immune disease.

Reason (R): Rheumatoid arthritis is a hereditary disease.

In the context of the above statements, which one of the following is correct?

- A ☐ Both A and R are true and R is the correct explanation of A.
- B ☐ Both A and R are true but R is not the correct explanation of A.
- C ☒ A is true but R is false.

Given below are two statements:

Assertion (A): The primary lymphoid organs are bone marrow and thymus where immature lymphocytes differentiate into antigen-sensitive lymphocytes.

Reason (R): The secondary lymphoid organs provide the sites for interaction of lymphocytes with the antigen.

In the context of the above statements, which one of the following is correct?

- A ☐ Both A and R are true and R is the correct explanation of A.
- B ☒ Both A and R are true but R is not the correct explanation of A.

A A-a, B-c, C-b, D-d



B A-b, B-a, C-c, D-d



C A-b, B-c, C-d, D-a



D A-c, B-d, C-b, D-a



The main reason why antibiotics could not solve all the problems of bacterial diseases is

- ☐ A Insensitivity of the individual following prolonged exposure to antibiotics
- ☐ B Inactivation of antibiotics by bacterial enzymes
- ☐ C Decreased efficiency of the immune system
- ☒ D The development of mutant strains resistant to antibiotics

Consider the following statements:

1. ELISA test is employed as the first and most basic test for an individual to detect cancer.

2. Almost 50% human being have Rh+ blood while the remaining have Rh- blood.

Which of the statements given above is/are correct?

A 1 only



B 2 only



Confirmatory Test used for AIDS is

A Agglutination.



B Widal Test.



C Western Blot.



D ELISA.

