

BLOOD TRANSFUSION SCIENCE MCQERTIFICATE

Q1. Routine pre-transfusion test include:-

- A) ABO and Rh typing of the donor
- B) Major crossmatch
- C) Unnalysis
- D) Direct Coombs test
- E) Direct antiglobulin test

Q2. When a blood group system has two or more alleles the system is called:-

- A) Ademorphic
- B) Dimorphic
- C) Heteromorphic
- D) Polymorphic
- E) Unimorphic

Q3. Febrile transfusion reaction may be caused by

- A) Pyogens
- B) Leucocytes antibodies
- C) Dextran
- D) Sterile saline
- E) Micro embolism

Q4. Recovery of antibodies attached on the red cell is by:-

- A) Titration
- B) Immunization
- C) Elution
- D) Direct Coombs test
- E) Dissolving

Q5. Which antibody is frequently used when saliva is tested for secretor status:-

- A) Anti E
- B) Anti-se
- C) Anti-D
- D) Anti-C
- E) Anti-H

Q6. When haemolytic disease of the newborn is suspected:-

- A) Blood grouping is performed on the baby and the father
- B) Blood grouping is performed on the baby and the mother
- C) Blood grouping is performed on the father
- D) Rhesus grouping is performed on the baby only
- E) Coombs test is useful

Q7. One purpose of accidents reporting in the laboratory is:-

- A) Disciplinary action against the employee
- B) Disciplinary action against the employer
- C) To ensure that appropriate protective equipment was used
- D) To ensure that the victim receives appropriate action
- E) To make the workers scared

Q8. Neutralization test:-

- A) Is used to detect leukocyte antibodies
- B) Detect immune antibodies
- C) Confirm if an individual is a secretor or not
- D) Is used in Rhesus blood grouping
- E) Is not applicable in disputed paternity or maternity

Q9. The criteria for choosing a good sera include:-

- A) Colour
- B) Titre
- C) Smell
- D) Viscosity
- E) Specificity

Q10. A private waiting room is desirable in a blood donor center because:-

- A) It makes donors feel proud
- B) Prospective donors may be scared by seeing collection or reactions in some donors
- C) It makes prospective donors more courageous
- D) It allows donors to observe other hospital activities
- E) It provides good ground for meeting friends

Q11. The minimum frequency of documenting the temperature of refrigerators, freezer and waterbaths is:-

- A) Each day of use
- B) Weekly
- C) Monthly
- D) Quarterly
- E) Once a year

Q12. Lectins anti A₁ is prepared from

- A) Dolichos biflorus
- B) Ibrisa Amara
- C) Ulex biflorus
- D) Elex ccuropaeus

E) *Vicia graminea*

Q13. Which is the most suitable blood for exchange transfusion in cases of HDNB

- A) Group O positive
- B) Group O negative
- C) Group A negative
- D) Group B negative
- E) Group AB negative

Q14. If a Rh-negative person has antigen-D in serum, these antibodies could have developed through:-

- A) Pregnancy
- B) Transfusion
- C) Food material
- D) Water intake
- E) Fasting

Q15. The recommended crossmatching procedure is:-

- A) One-tube method
- B) 4 phase method
- C) Two-tube method
- D) Three-tube method
- E) Utilization of O pooled cells

ESSAY

Write short notes on ;

- i. Direct Coombs test
(10marks)
- ii. ABO sub groups (10marks)
- iii. Write briefly on Neutralization of antibodies
(10marks)