

116/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Which organ comes under poorly perfused organ?
(A) Skin (B) Muscle
(C) Fat (D) Kidneys
2. Dilatant material termed as :
(A) Shear thickening system (B) Shear thinning system
(C) Plastic system (D) Pseudoplastic system
3. Dimethicone is the other name of :
(A) Calamine (B) Titanium dioxide
(C) Silicon oil (D) Zinc stearate
4. Alpha 2 globulin is otherwise known as :
(A) Transcortin (B) Ceruloplasmin
(C) Transferrin (D) Orosomuroid
5. Combined impact and attrition is the working principal of :
(A) Cutter mill (B) Hammer mill
(C) Ball mill (D) Roller mill
6. Lyophilisation is the other term of :
(A) Freeze drying (B) Distillation
(C) Fluidized bed drying (D) Crystallisation
7. BCG vaccine is the living cells of strain of :
(A) Mycobacterium tuberculosis (B) Mycobacterium leprae
(C) Pasteurella pertusis (D) Vibrio cholerae

8. Mean Residence Time (MRT) represents which percentage of intravenous bolus dose to be eliminated ?
- (A) 46.2 (B) 63.2
(C) 50 (D) 73.2
9. Toxoids are bacterial :
- (A) Exotoxin (B) Endotoxin
(C) Agglutinin (D) Precipitin
10. The enzyme which is known as spreading factor ?
- (A) Collagenase (B) Hyaluronidase
(C) Lecithinase (D) Haemolysins
11. The mechanism of absorption of sabin poliovaccine :
- (A) Active transport (B) Passive diffusion
(C) Endocytosis (D) Ion pair transport
12. Rideal walker coefficient test uses astrain of :
- (A) Salmonella typhi (B) Mycobacterium tuberculosis
(C) Mycobacterium leprae (D) Vibrio cholerae
13. Drugs having pKa value greater than 8.0 :
- (A) unionized at all pH (B) unionized in stomach pH only
(C) ionized at all pH (D) ionized in stomach pH only
14. Colchicine is used to treat :
- (A) Malaria (B) Gout
(C) Migraine (D) Asthma
15. Marmelosin A, B & C are the chief constituents in :
- (A) Gokhru (B) Amla
(C) Bael (D) Manna
16. Water soluble fraction of starch is :
- (A) Amylose (B) Amylopectin
(C) Cyclodextrin (D) Pectin