

# Chapter 6: Transport in Organisms

1.



Which function of the blood is related to the figure shown in the stem above? [All Board-18]

- (a) Maintaining the equilibrium of temperature
- (b) Prevention of diseases
- (c) Elimination of waste products
- (d) Removal of carbon-di-oxide

2. Which one is called 'Fluid of life'? [D.B.-17]

- (a) Water
- (b) Plasma
- (c) Blood corpuscle
- (d) Lymph

3. Which is formed from bone marrow? [D.B.-17]

- (a) White blood cell and lymph
- (b) Platelets and plasma
- (c) Red blood cell and white blood cell
- (d) Plasma and lymph

4. What is collectively called water and mineral salt dissolved in? [S.B.-17]

- (a) Kaloge
- (b) Enzyme
- (c) Nacter
- (d) Cell-sap

5. What percentage of lipid amount increases in fatty liver? [S.B.-17]

- (a) 10-
- (b) 20-30
- (c) 30-40
- (d) 40-50

6. Blood group "A" receive blood only from which group mentioned below? [D.B.-16; B.B.-16]

- (a) B & O
- (b) Only A
- (c) A & O
- (d) A & B

7. Which scientist designated the process transpiration as "necessary evil"? [R.B.-16]

- (a) Linnaeus
- (b) Curtis
- (c) Loey
- (d) Gregor Johan Mendel

8. How many layers consists of heart wall? [R.B. 2016; C.B.-16]

- (a) 1
- (b) 2
- (c) 3
- (d) 4

9. Which is the source of most cholesterol? [D.B.-16]

- (a) Shrimp, Liver
- (b) Oyster, Milk
- (c) Egg, Fish
- (d) Tortoise, Cheese

10. Which scientist classified human blood group? [C.B.-16]

- (a) Benda
- (b) Karl Erick
- (c) Strasburger
- (d) Karl Landsteiner

11. Which micro-organism is responsible for Rheumatic fever? [Ctg.B.-16]

- (a) Bacillus
- (b) Pseudomonas
- (c) Streptococcus
- (d) Stephylococcus

12. Which is developed on the repute bark of stem after the occurrence of the secondary growth in plants? [Ctg.B.-16]

- (a) Cuticle
- (b) Annual ring
- (c) Lenticel
- (d) Chitin

13. When wood comes in contact of water for long period of time it swells up because of— [S.B.-16]

- (a) Imbibition
- (b) Diffusion
- (c) Osmosis
- (d) Absorption

14. What is the % of LDL in our blood? [S.B.-16]

- (a) 70%
- (b) 80%

- (c) 90%
- (d) 100%

15. From which hydrocarbon cholesterol is produced? [J.B.-16]

- (a) Ethanol
- (b) Cholestane
- (c) Fatty acid
- (d) Formaldehyde

16. How many layers consists of the wall of artery? [J.B. 2016; R.B.-15]

- (a) One
- (b) Two
- (c) Three
- (d) Four

17. Feeling chest pain due to lack of blood circulation in heart is called— [B.B.-16]

- (a) Stroke
- (b) Angina
- (c) Anemia
- (d) Arthrosclerolosis

18. Stroma is the part of— [B.B.-16]

- (a) Cell wall
- (b) Chloroplast
- (c) Mitochondria
- (d) Ribosome

19. Due to the deposition of which substance the openings of sieve plates of phloem tissue are being smaller? [B.B.-16]

- (a) Glucose
- (b) Enzyme
- (c) Carbon-di-oxide
- (d) Callose

20. The essentials of the experiment of transpiration is — [R.B.-17]

- i. Funnel
- ii. Cellophane bag
- iii. Clip

Which one of the following is correct?

- (a) i and ii
- (b) ii and iii
- (c) i and iii
- (d) i, ii and iii

21. The necessity of water in plant for — [D.B.-17]

- i. maintaining the living nature of protoplasm
- ii. activated photosynthesis
- iii. movement of plants

Which one of the following is correct?

- (a) i and ii
- (b) i and iii
- (c) ii and iii
- (d) i, ii and iii

22. The location of the organ that circulate the blood to whole body by the contraction and relaxation — [J.B.-17]

- i. middle of the thoracic cavity
- ii. below the liver
- iii. in between two lung

Which one of the following is correct?

- (a) i and ii
- (b) i and iii
- (c) ii and iii
- (d) i, ii and iii

23. In Nehar's blood there are antigen A and B. But there is no antibody in her blood. She can — [B.B.-17]

- i. receive blood from all the groups
- ii. give blood only to the AB group
- iii. give blood to both the groups A and B

Which one of the following is correct?

- (a) i and ii
- (b) ii and iii
- (c) i and iii
- (d) i, ii and iii

24. Function of Cholesterol are— [B.B.-16]

- i. In production of bile
- ii. In preparing vit-D
- iii. It keeps balance in neurons function

Which one is correct?

- (a) i and ii
- (b) ii and iii
- (c) i and iii
- (d) i, ii and iii

25. What does it applicable for RBC? [S.B.-16]

- i. Survives 120 days
- ii. Non-nucleated
- iii. Biconcave

Which one of the following is correct?

- (a) i, ii
- (b) i, iii
- (c) ii, iii
- (d) i, ii and iii

Look at the following stem and answer to the questions

no. 26 and 27 :— [Ctg.B.-17]

Name	Tonmoy	Moumi	Salam	Dalia
Blood group	A	B	AB	O

26. Tonmoy can donate blood to which person?

- (a) To Moumi (b) To Salam  
(c) To Dalia (d) To all

27. The correct information for all blood is —

- i. a and b antibody present in the plasma of Dalia  
ii. Moumi can receive the blood of Dalia  
iii. Salam can donate blood to Tonmoy

Which one is correct?

- (a) i and ii (b) i and iii  
(c) ii and iii (d) i, ii and iii

Answer to the questions 28 and 29 according to following passage :—

Mrs. Rina is cooking payes with different ingredients, which have nice flavour. Her younger child Shipon come to kitchen after feeling smell of payes and asked to his mother about the cause of swelling of kismis. [C.B.-16]

28. The first and second occurrence in the stem respectively are—

- (a) Diffusion and Osmosis  
(b) Imbibition and Osmosis  
(c) Diffusion and Imbibition  
(d) Osmosis and Diffusion

29. The process in the occurrence of kismis is related to—

- i. present of a semi-permeable membrane  
ii. solvent passes from high density solution to low density solution  
iii. solvent passes from low density solution to high density solution

Which one is correct?

- (a) i and ii (b) i and iii  
(c) ii and iii (d) i, ii and iii

Look at the following two figure and Answer to the questions No. 30 and 31:—

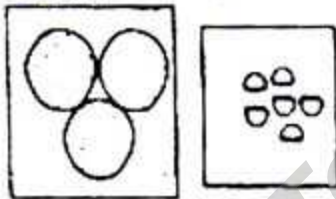


Fig-A Fig-B [Ctg.B.-16]

30. Element of which figure helps in blood clotting.

- (a) Globulin (b) Vitamin  
(c) Fibrinogen (d) Thromboplastin

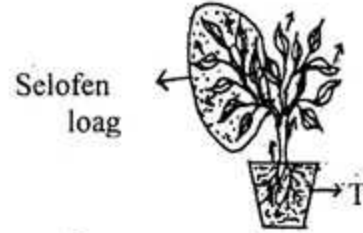
31. Red colour of figure 'A' because—

- i. Oxyhaemoglobin  
ii. Different types organic compound  
iii. Hemoglobin

Which one is correct?

- (a) i and iii (b) i and ii  
(c) ii and iii (d) i, ii and iii

Answer to the questions no. 32, 33 and 34 in the light of following figure :—



[Dj.B.-16]

32. The figure "A" is in which process indicate?

- (a) Diffusion (b) Osmosis  
(c) Transpiration (d) Photosynthesis

33. Appropriate for the mentioned process—

- i. osmosis will be reduced for want of this process  
ii. leaf let reduces the heat energy  
iii. suction force is needed in xylem vessel

Which one is correct?

- (a) i & ii (b) i & iii  
(c) ii & iii (d) i, ii & iii

34. Internal factors of the figure system are—

- i. stomata  
ii. number of leaf  
iii. light

Which one is correct?

- (a) i & ii (b) i & iii  
(c) ii & iii (d) i, ii & iii

Answer to the Questions No. 35 and 36 in the light of following statement :—

Mr. Kabir is 60 years old. For some days he has been suffering from headache, palpitation and weakness. [Dj.B.-16]

35. What is reason of the problem of Mr. Kabir?

- (a) Asthma (b) Anemia  
(c) Thalassemia (d) Hypertension

36. Mr. Kabir should have—

- i. to control the body weight  
ii. to avoid smoking  
iii. to take less amount of fatty food

Which one is correct?

- (a) i & ii (b) i & iii  
(c) ii & iii (d) i, ii & iii