



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 43

Class: IX

Sub: Life Science

Date: 07.11.2020

Topic: Ch (3) Circulation: Concept, components and types

F.M. : 15

Choose the correct option:

(1x15=15)

- The following is not a function of circulatory system -
a) supplies oxygen to different parts b) carry nutrients c) carry wastes d) produce oxygen
- Simple diffusion of substances takes place in the following organisms:
a) *Amoeba* b) Fish c) Frog d) Humans
- The following is the utility of circulation:
a) nutrient transport b) hormone transport c) combat diseases d) all of these
- Example of fluid connective tissue:
a) water b) blood c) lymph d) Both (b) and (c)
- is present in lymph ducts and carries nutrients.
a) Lymph b) Blood c) Extracellular fluid d) tissue fluid
- The following is transported by the blood-
a) Vitamins b) hormones c) food d) all of these
- The pattern of circulation where blood does not come in direct contact with the tissue cell-
a) closed circulation b) open circulation c) dual circulation d) none of these
- The pattern of circulation where blood flows in conducting vessels :
a) Open b) Close c) Both (a) and (b) d) single loop circulation
- The body cavities in open circulation are called-
a) spiracles b) trachea c) haemocoel d) vessels
- The following does not have closed circulatory system:
a) Earthworm b) Toad c) guinea pig d) none of these
- The following animal has open circulatory system :
a) grasshopper b) prawn c) cockroach d) all of these
- The following is the characteristic of closed circulatory system:
a) Capillaries are present b) haemocoel is absent c) heart is advanced d) all of these
- The following is not a blood vessel:
a) arterioles b) venules c) sinuses d) sinusoids

14. have single loop circulatory system.

- a) human b) monkey c) goat d) Fish

15. The double circulatory system includes:

- a) single loop b) systemic circuit c) pulmonary circuit d) Both (b) and (c)

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