

109. Water vascular system is most important character of Echinodermata. Which of the following is not a part of ambulacral system of starfish?
a. Stone canal b. Madreporite
c. Radial canal d. Excurrent canal
110. Locomotory organ of jawed fish is paired fin. Caudal fin of a shark is
a. Heterocercal b. Homocercal
c. Protocercal d. Isocercal
111. Some of the protozoans diseases are vector borne. Sleeping sickness is transmitted by bite of
a. Sandfly b. Tse-tse fly
c. Mosquito d. Housefly
112. Contractile vacuole is found in fresh water protozoans. In *paramecium*
a. Anterior contractile vacuole works faster than posterior
b. Posterior contractile vacuole works faster than anterior
c. Both contractile vacuoles work at same rate
d. Not definite
113. The epithelium forming peritoneal lining of coelom is
a. Cuboidal b. Squamous
c. Glandular d. Columnar
114. Vitamins are accessory food factors. The vitamin necessary for normal growth and maintenance of bone is
a. A b. B c. D d. E
115. Myofibrils possess alternate dark and light band. The light bands of skeletal muscles are known as
a. Myosin b. Isotropic bands
c. Intercalated discs d. Anisotropic bands
116. Neutrons are the longest cells of human body. The Nissl's granules are found in the
a. Axon b. Myofibril
c. Nerve cell d. Myelinated sheath
117. Cytoplasmic granules of malarial parasites are antigen. "Maurer's dots" are found in the
a. *Plasmodium vivax* b. *Plasmodium ovale*
c. *Plasmodium malariae* d. *Plasmodium falciparum*
118. Malarial parasite is dimorphic parasite, having alternation of generation. Which one is sickle shaped with microtubules?
a. Sporont b. Ookinete
c. Cryptozoites d. Sporozoites
119. Earthworm is soilivorous innocent creatures. It may ammonotelic as well as ureotelic. Earthworms are mainly
a. Ureotelic b. Aminotelic
c. Ammonotelic d. Uricotelic
120. Earthworm is hermaphrodite. The function of spermathecae in earthworm is to
a. Secrete substance that form the cocoons
b. Receive fertilized ova for embryonic development
c. Receive spermatogonia for maturation
d. Receive sperms during copulation for storage
121. Schuffner's dots, in a patient of malaria, are found in
a. RBCs b. Gametocytes of *Plasmodium*
c. Liver cells d. Signet ring trophozoites
122. Which of the following combines to make innominate vein in frog?
a. Lingual and Mandibular
b. Internal Jugular and sub-scapular
c. Brachial and Musculocutaneous
d. Hepatic portal and anterior abdominal
123. Chromatophores in skin of frog is found in stratum
a. Corneum b. Compactum
c. Germinativum d. Spongiosum
124. Liver of frog consists of
a. 1 lobe b. 2 lobes
c. 3 lobes d. 4 lobes
125. The gastric juice contains
a. Trypsin, Pepsin, lipase
b. Pepsin, lipase, rennin
c. Pepsin, amylase, trypsin
d. Trypsin, Pepsin, rennin
126. Impulse originating from sinoatrial node are transmitted to the
a. Atrio-ventricular node b. Bundle of His
c. Pacemaker d. Purkinje system
127. CO_2 is transported as
a. Dissolved in blood plasma
b. As carbonic acid
c. In carbaminohaemoglobin
d. As carbaminohaemoglobin and bicarbonate
128. Vomiting centre is located in the :
a. Stomach and sometimes in duodenum
b. Gastro-intestinal tract
c. Hypothalamus
d. Medulla oblongata
129. Which one of the following helps the eye to see near and far off subjects by change in the focal length of lens?
a. Choroid b. Optic nerve
c. Suspensory ligaments d. Ciliary muscles
130. Gigantism and acromegaly are due to
a. Hypothyroidism b. Hyperpituitarism
c. Hypertthyroidism d. Hypopituitarism
131. The vital morphological and physiological units of a mammalian kidney are
a. Ureters b. Nephridia
c. Uriniferous tubules d. Seminiferous tubules
132. Both corpus luteum and macula lutea are
a. Source of hormones
b. Found in human ovaries
c. Characterized by yellow colour
d. Contributory in maintaining pregnancy
133. The first movements of foetus and appearance of hair on its head are usually observed during which month of pregnancy
a. Fourth month b. Fifth month
c. Sixth month d. Third month
134. A blood group does not have any antigen but possesses both a and b antibodies. It is
a. A b. B c. AB d. O
135. Keratohyalin granules are present in
a. Stratum basale b. Stratum granulosum
c. Stratum spinosum d. Stratum lucidum
136. Innate immunity active against viral cells is by
a. Natural killer cells b. Cytotoxic T cells
c. β cells d. Memory B cells
137. In different survey done in primary schools of Kathmandu valley, majority of children were found to be infected with
a. *H. nana* b. *A. lumbricoides*
c. *E. vermicularis* d. *A. disodemat*
138. Which of the following is central nervous system stimulant?

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Siddappa N.Byrareddy



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