

# BIOLOGY

51. Transportation of food through the digestive tract is under the control of \_\_\_\_\_ muscle.  
[NCERT XI Pg. No. 303]
- (1) Skeletal muscles
  - (2) Visceral muscles
  - (3) Smooth muscles
  - (4) Both (2) and (3)
52. H zone of myofibril consists of –  
[NCERT XI Pg. No. 305]
- (1) Thin filaments only
  - (2) Thick filaments only
  - (3) Thick and thin filaments
  - (4) Troponin and Tropomyosin only
53. Action potential within the myofiber is generated within the–  
[NCERT XI Pg. No. 307]
- (1) Sarcolemma
  - (2) Sarcoplasmic reticulum
  - (3) Endoplasmic reticulum
  - (4) Both (1) and (2)
54. Muscle is pliable due to presence of \_\_\_\_\_  
[NCERT XI Pg. No. 309]
- (1) Bile salts
  - (2) Calcium salts
  - (3) Chondroitin salts
  - (4) Troponin proteins
55. Hyoid bone is included under which part of skeletal system  
[NCERT XI Pg. No. 309]
- |               |             |
|---------------|-------------|
| (1) Ribs      | (2) Skull   |
| (3) Vertebral | (4) Sternum |
56. Skull region articulates with vertebral column with the help of  
[NCERT XI Pg. No. 310]
- (1) Acetabulum
  - (2) Occipital condyles
  - (3) Pubic symphysis
  - (4) Glenoid cavity
57. Ribs are attached to sternum with the help of–  
[NCERT XI Pg. No. 310]
- (1) Articular cartilage
  - (2) Sutures
  - (3) Tendon
  - (4) Hyaline cartilage
58. Which structures together constitute rib cage?  
[NCERT XI Pg. No. 310]
- (1) Vertebrae and ribs only
  - (2) Sternum and vertebrae only
  - (3) Vertebrae, sternum and ribs only
  - (4) Sternum, vertebrae, ribs and skull
59. Patella which is also called knee cap cover knee on –  
[NCERT XI Pg. No. 311]
- (1) Lateral side
  - (2) Dorsal side
  - (3) Ventral side
  - (4) All except (2)
60. The dorsal, flat, triangular body of scapula has a slightly elevated ridge called [NCERT XI Pg. No. 311]
- (1) Acromion
  - (2) Spine
  - (3) Acetabulum
  - (4) Pubic symphysis