



V. Very short answers. (10× 1=10)

35. Which parts of our body help in movement?
36. What is locomotion?
37. What is cranium?
38. Axial skeleton in human consists of \_\_\_\_, \_\_\_\_, and \_\_\_\_.
39. What is secondary sex characteristics?
40. What is fertilisation?
41. Why do underwater divers wear fin like flipper on their feet?
42. Name the male sex organ and its hormone.
43. Name the female sex organ and its hormone.
44. Who am I ?
  - a) I am the fastest aquatic mammal. I can swim upto 35 miles per hour
  - b) I am a sense organ. I have the hardest working muscle.

VI. Answer any 8 of the following in brief: (8× 2=16)

(Question **No: 56 & 57** are compulsory)

45. Name the pituitary hormones which influence the gonads.
46. List out the changes which occur during puberty.
47. Write about paint brush tool.
48. Draw a flow chart for skeleton.
49. How is adolescence different from childhood?
50. What are the sections of main screen?
51. What is Tux Math?
52. Differentiate between Endoskeleton and Exoskeleton.
53. What is adolescence?
54. What is the use of Ranger?
55. Why our backbone is slightly movable?

56. i) Name the hardest muscle in our body
- ii) Name the crystals which deposit in the joints and causes Arthritis.

57. What is ligament?

VII. Write any 2 of the following in detail. (2× 5=10)

58. Write the tool name and its corresponding keyboard short cut keys.
59. What are the physical changes that occur in boys and girls during adolescence?
60. Write a short note on different types of muscles.
61. Discuss various types of movements seen in living organisms.
62. Write glossary for the following
  - a) Biceps
  - b) Sternum
  - c) Femur
  - d) Adam's apple
  - e) Gland

VIII. Picture based question. (2× 2½=5)

63. Draw a neat labelled sketch of skeletal and cardiac muscles.
64. Draw a flow chart for Balanced diet.

IX. Hots. (2× 2½=5)

65. Is personal hygiene important for adolescence?  
If yes explain few hygienic habits of adolescence.
66. The number of bones in the neck region of Human and Giraffe is the same. But the length of the Giraffe's neck is high. Why?

