Skeletal System Assignment.

1. Describe the six main functions of the skeletal system.
2. What types of tissues make up the skeletal system?
3. How do red and yellow bone marrow differ in composition
4. Describe the structure and functions of each part of a long bone.
5. Describe the histological features of bone tissue.
6. Types of cells in bone tissue.
7. Describe the blood and nerve supply of bone.
8. Explain the location and roles of the nutrient arteries, nutrient foramina, epiphyseal arteries, and periosteal arteries.
9. Which part of a bone contains sensory nerves associated with pain?
10. Describe one situation in which this is important.
11. Describe the steps of intramembranous and endochondral ossification.
12. Explain how bone grows in length and thickness.
13. Describe the process involved in bone remodelling.
14. Describe the sequence of events involved in fracture repair.
15. Describe the importance of calcium in the body.
16. Explain how blood calcium level is regulated.
17. Draw the internal and external Parts of a long bone.
18. Discuss the Four types of cells present in bone tissue: osteogenic cells, osteoblasts, osteocytes, and osteoclasts
19. Which bones make up the axial and appendicular divisions of the skeleton.
20. Classify bones based on their shape or location
21. Draw the human skeleton indicating the axial and appendicular divisions in different colours.
22. Name the cranial and facial bones and indicate whether they are paired or single.
23. Describe the following special features of the skull: sutures, paranasal sinuses, and fontanels.
24. Draw the Anterior view of skull and label
25. Draw the lateral view of skull and label
26. Draw the posterior view of skull and label
27. Draw the inferior view of skull and label

28. Draw the Medial view of sagittal section of skull and label.
29. Draw the mandible bone and label.
30. Draw the Anterior view showing regions of the vertebral column
31. Draw the Right lateral view showing four normal curves of vertebral column
32. Draw a Superior view of a vertebra bone and label the general structures.
33. Draw and label vertebra bone and label the structures.
    a. Cervical
    b. Thorax
    c. Lumbar
    d. Sacrum.
    e. Coccyx.
34. Draw the Superior view of atlas (C1)
35. Draw the Superior view of axis (C2)
36. Draw the anterior and posterior view of the Sacrum and coccyx
37. Draw and label the Anterior view of skeleton of thorax
38. Draw and label the Anterior view of sternum
39. Draw and label Posterior view a rib
40. Draw and label anterior view a rib
41. Draw and label Anterior and posterior view of pectoral girdle
42. Draw and label Superior and inferior view of clavicle
43. Draw and label anterior, posterior and lateral views of a scapula
44. Draw and label anterior view of upper limb
45. Draw and label anterior, posterior of humerus in relation to the scapula, ulna, and radius.
46. Draw and label anterior, posterior of radius and ulna in relation to the humerus and hand.
47. Draw and label anterior, posterior of hand in relation to the radius and ulna.
48. Draw and label anterosuperior view of pelvic girdle
49. Draw and label the right hip bone Lateral view showing parts of hip bone in different colours
50. Draw and label comparison of Female and Male Pelvic and pelvic arch

51. Draw and label right femur in relation to the hip bone, patella, tibia, and fibula anterior and posterior views.
52. Draw and label right tibia and fibula in relation to the femur, patella, and talus anterior and posterior views.
53. Draw and label the superior and inferior view of the foot.
54. Draw and label Lateral view of arches of the foot.
55. Discuss the structural and functional classifications of joints
56. Draw and label the Structure of a typical synovial joint