



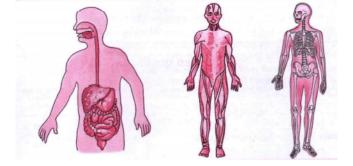
# **BIOLOGY**

# BOOKS - NAVNEET BIOLOGY (MARATHI ENGLISH)

# **OUR SKELETAL SYSTEM AND THE SKIN**

**Question Bank** 

**1.** Which organ systems do you see in the figure alongside?





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**2.** Which organ helps us to sense whether something is hot or cold, rough or smooth, etc.?



3. What happens when we walk or play in the hot sun?



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4. Observe your skin and the skin of your grandmother, grandfather or any old person

in the house. What difference do you notice?



**5.** Fill in the blank:The place where two or more bones are connected is called a .



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**6.** Fill in the blanks using the correct words given in the brackets :

Cells of the epidermis contain a pigment called .



**7.** Fill in the blank:\_\_\_\_\_and \_\_\_\_ are the two layers of the human skin.



**8.** Fill in the blank: The human skeletal system is divided into\_\_\_\_parts.



9. Fill in the blank: X-rays were discovered by
·
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10. Fill in the blank: imparts the
strength to bones.
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11. Fill in the blank: Ribs are joined to a flat bone called\_\_\_\_\_.



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12. Fill in the blank: The skin is an important\_\_\_\_ organ of the body.



# 13. Match the pairs:

* (1) Group 'A'	Group 'B'
(1) Ball and socket joint	(a) Knee
(2) Hinge joint	(b) Wrist
(3) Gliding joint	(c) Shoulder



## 14. Match the pairs:

Group 'A'	Group 'B'
Axial skeleton	(a) Femur
Appendicular skeleton	(b) Cartilage
Joints	(c) Spinal cord
Vertebrae	(d) Sternum



**15.** Right or wrong? If wrong, write the correct sentence: Bones are soft.



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**16.** Right or wrong? If wrong, write the correct sentence:

The human skeleton protects the internal organs.



**17.** Right or wrong? If wrong, write the correct sentence:

All the bones of the body form the skeletal system.



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**18.** Right or wrong? If wrong, write the correct sentence:

The appendicular skeleton is situated

symmetrically along the central vertical axis of the body.



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**19.** Right or wrong? If wrong, write the correct sentence:

Hinge joint moves in a  $360^{\,\circ}$  angle.



**20.** Right or wrong? If wrong, write the correct sentence:

The outermost covering of the body is the skin.



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**21.** The system which gives a definite shape to our body.

A. Excretory system

B. Respiratory system

- C. Skeletal system
- D. Circulatory system

#### **Answer: C**



- **22.** The \_\_\_\_\_ joint is seen in fingers and toes.
  - A. Hinge joint
  - B. Ball and socket joint
  - C. Immovable joint

D. Gliding joint

**Answer: A** 



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**23.** The layer of skin below the network of blood vessels and nerve fibres is called\_\_\_\_\_.

A. Epidermis

**B.** Dermis

C. Subcutaneous layer

D. Glandular layer

#### **Answer: C**



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**24.** The main function of sweat is to \_\_\_\_\_.

- A. Reduce the body temperature
- B. Keep the skin moist
- C. Remove the excess water
- D. Making the body hot

### **Answer: A**



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25. What are the functions of your skin?



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**26.** What should you do to keep your bones strong and healthy?



**27.** What are the functions of the human skeletal system?



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**28.** Which are the various reasons due to which our bones might break?



29. What are the different types of bones? How many types are there?



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30. Explain the structure of our skin in short.



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**31.** What will happen if there are no joints in our body.



**32.** What will happen if there is no melanin pigment in our skin.



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**33.** What will happen if instead of 33 vertebrae in our body we have one single and straight bone.



**34.** Which colour of the skin will give greater protection from the sun's rays ?



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**35.** How does sweating help to lower the temperature of the body?



**36.** Write short notes: Skull



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**37.** Write short notes : Rib cage



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38. Write short notes: Appendicular skeleton



**39.** Give one main difference between : Axial skeleton and Appendicular skeleton?



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**40.** Give one main difference between : Immovable joints and Movable joints?

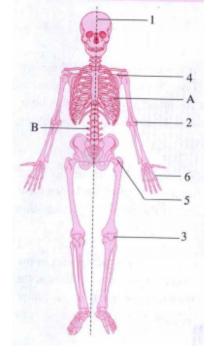


**41.** Give one main difference between :Hinge joint and ball and socket joint?



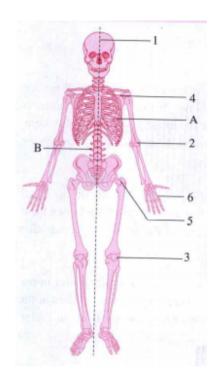
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**42.** Label the name of the joints in the pointed parts given in the diagram.





# 43. Label A and B in the given diagram.





**44.** Your friend meets with an accident and a bone in his leg is fractured. How will you help?



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**45.** Show the types of joints in your arms and leg.



**46.** Which pigment causes the skin colour ? Can we change the skin colour ?



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**47.** What is the difference between space and sky.



**48.** What would have happened if we did not have a backbone?

