



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST -3
Class: VI

Subject: Science
Date : 06-01-2024

MM: 30
Time:1 Hr 30 min

General Instructions:

1. There are 17 questions in this question paper. All questions are compulsory.
2. Q. No. 1 to 10 are objective type questions and carry 1 mark each.
3. Q. No. 11 to 13 are short answer type questions and carry 2 mark each.
4. Q. No. 14 to 16 are also short answer type questions and carry 3 marks each.
5. Q. No. 17 is long answer question and carries 5 marks.

1. From the given set of materials, select the magnetic material. (1)
(A) Plastic (B) Copper (C) Nickel (D) Gold

2. The components of an electric circuit are _____. (1)
(A) Source of electric current such as electric cell
(B) Wires made up of good conductor like copper
(C) Electric appliance like a bulb and a switch
(D) All the above

3. Among the given joints, which one is an example for pivot joint? (1)
(A) Elbow joint (B) Shoulder joint (C) Knee joint (D) Joint of skull and neck

4. The bony structure that protects our lungs is _____. (1)
(A) Rib cage (B) Cranium (C) Pelvic bones (D) Pectoral bones

Fill in the blanks with appropriate number. (1)

5. An electric cell has ___ terminals.

6. The adult human back bone consists of ___ number of bones. (1)

Questions 7 and 8 are Assertion (A) – Reason (R) based questions. Read the questions thoroughly. Then select the option from the choices given below.

- (A) Both A and R are true and R is the correct explanation of A.
(B) Both A and R are true but R is NOT the correct explanation of A.
(C) A is true but R is false
(D) A is false and R is also false.

7. Assertion (A): Materials attracted by magnets are called magnetic materials. (1)
Reason (R): Iron, Nickel and Cobalt are magnetic materials.

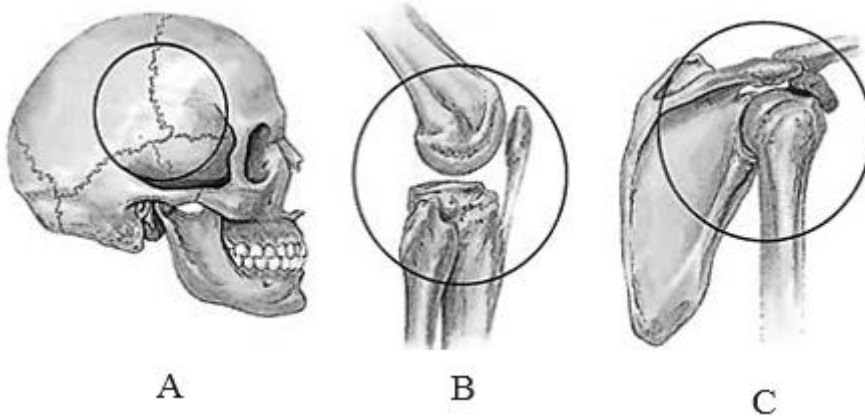
8. Assertion (A): Birds use only their light bones during flight. (1)
Reason (R): They flap their wings during flight.

9. Write any two properties of magnet which are put to use by us at our home. (1)

10. The human skeleton is made up of two major structural parts. Name them. (1)

11. (a) Write the method by which one may know the shapes of different bones of our body. (2)
(b) What is the other use of this method?

12. Explain a method to make a magnet. (2)
13. Tom was fascinated by knowing about magnetism from his science teacher. He wanted to do some activities in his school lab to find out the poles of a magnet. How would he find out the poles of a magnet through an activity? (2)
14. Trekking was Madhu's hobby. She went for trekking in the nearby forest with her school group. Unfortunately, she lost her track and was separated from her group. But as the forest was nearby, she knew that the nearby road was on the west side. (3)
- (a) Name the device that helped her to reach the nearby road.
 (b) Explain how she would have used this device.
15. Identify the types of joints circled in the figures given below. (3)



16. Anil wanted to complete his science project, part of which was to make an electric circuit. He collected the necessary items for the same. (3)
- (a) Name the materials that he collected for his science projects.
 (b) Draw the diagram to show how his circuit looks like.
17. (a) An electrician should use rubber gloves while repairing an electric gadget. Explain why. (5)
 (b) Write any two precautions to be followed while handling electrical appliances at home.
 (c) Mention two sources through which electricity can be produced for human use.