

International  
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## CLASS 4th

### SYLLABUS

The Actual Question Paper contains 40 questions. The duration of the test paper is 60 Minutes

**Section I.** • World of micro organisms • Parts of Human Body (Uses and Details) • Joints And Body Movements • Communication :our senses • Chemicals Around Us (Uses and Properties) • Forces in Nature • Work and Energy • Our Universe • Soil • Our Environment.

**Section II.** Applied Science

1. **Statement A: Micro-organisms are very small in size and cannot be seen with naked eye.**

**Statement B: Micro-organisms in air play important role in precipitation and weather.**

- (A) Statement A is False and Statement B is True.  
(B) Both, Statement A and Statement B are True.  
(C) Both, Statement A and Statement B are False.  
(D) Statement B is False and Statement A is True.

**Chapter :** World of micro organism

**Skill Tested :** Identifying characteristics and benefits of micro organisms

2. **Match the following:**

Column A	Column B
1. Teeth	(A) cartilagenous Joints
2. Spinal cord	(B) hinge
3. Elbow and knee	(C) pivot
4. Neck	(D) fibrous joints

- (A) 1-D, 2-A, 3-C, 4-B  
(B) 1-D, 2-A, 3-B, 4-C  
(C) 1-D, 2-C, 3-B, 4-A  
(D) 1-A, 2-D, 3-B, 4-C  
(E) 1-A, 2-C, 3-B, 4-D

**Chapter :** Joints and body movements

**Skill Tested :** Identifying characteristics of different types of joints

3. **Ball and socket joints allow movement in \_\_\_\_\_ directions.**

- (A) one  
(B) all  
(C) two  
(D) three  
(E) None of these

**Chapter :** Joints and body movements

**Skill Tested :** Identifying characteristics of different types of joints

4. **Which type of energy is contained in a moving object?**

- (A) Electrical  
(B) Kinetic  
(C) Potential  
(D) All of these  
(E) None of these

**Chapter :** Work and energy

**Skill Tested :** Understanding different types of energy

5. **Statement A: Magnet held near an iron nail is an example of electrical force.**

**Statement B: Fan runs due to the force applied by magnet.**

- (A) Statement A is False and Statement B is True.  
 (B) Both, Statement A and Statement B are True.  
 (C) Both, Statement A and Statement B are False.  
 (D) Statement B is False and Statement A is True.

**Chapter :** Work and energy

**Skill Tested :** Understanding different types of energy

6. **Which of the following is an example of gravitational force?**

- (A) Magnet is held near a iron nail  
 (B) Ship afloats in water  
 (C) When ball is thrown in air it comes back towards the earth  
 (D) Both A and C  
 (E) None of these

**Chapter :** Work and energy

**Skill Tested :** Understanding different types of forces

7. **Which of the following planets is nearest to the sun?**

- (A) Earth  
 (B) Saturn  
 (C) Mercury  
 (D) Moon  
 (E) None of these

**Chapter :** Our Universe

**Skill Tested :** Knowing the facts about solar system

8. **Which soil is not suitable for cultivation?**

- (A) Clay (B) Loamy  
 (C) Chalky (D) Both A and B  
 (E) None of these

**Chapter :** Soil

**Skill Tested :** Knowing the facts about soil

9. Match the following:

Column A	Column B
1. Water	(A) 20%
2. Oxygen	(B) 78%
3. Nitrogen	(C) 04%
4. Carbon dioxide	(D) 1%

- (A) 1-D, 2-B, 3-A, 4-C  
 (B) 1-D, 2-C, 3-B, 4-A  
 (C) 1-D, 2-A, 3-B, 4-C  
 (D) 1-A, 2-B, 3-D, 4-C  
 (E) 1-A, 2-B, 3-D, 4-C

**Chapter :** Our Environment

**Skill Tested :** Knowing the percentage of gases in our environment

10. **In which layer the atmosphere merges into space?**

- (A) exosphere  
 (B) mesosphere  
 (C) thermosphere  
 (D) ozone  
 (E) None of these

**Chapter :** Our Environment

**Skill Tested :** Knowing layers of atmosphere

11. **Match the following:**

Column A	Column B
1. Cerebrum	(A) connects brain and spinal cord
2. Medulla Oblongata	(B) performs the function of processing the blood contents
3. Liver	(C) is the biggest part of the brain
4. Bladder	(D) is muscular organ

- (A) 1-D, 2-A, 3-B, 4-C  
 (B) 1-C, 2-A, 3-D, 4-B  
 (C) 1-B, 2-A, 3-C, 4-D  
 (D) 1-C, 2-A, 3-B, 4-D  
 (E) 1-A, 2-C, 3-B, 4-D

**Chapter :** Parts of human body

**Skill Tested :** Knowing functions and characteristics of human body parts

12. **Human body contains \_\_\_\_\_ bones.**

- (A) 204 (B) 205  
 (C) 206 (D) 302  
 (E) None of these

**Chapter :** Parts of human body

**Skill Tested :** Knowing the facts about human skeleton and bones

13. Which of the following sensation are provided by sense organs?

- (A) Sight (B) Sound  
(C) Smell (D) All of these  
(E) None of these

**Chapter :** Communication our sense

**Skill Tested :** Knowing the facts about the sense organs

14. Match the following:

Column A	Column B
1. Feeling organ	(A) ear
2. Tasting organ	(B) skin
3. Hearing organ	(C) is similar to a photographic film
4. Retina	(D) tongue

- (A) 1-C, 2-D, 3-A, 4-B  
(B) 1-B, 2-D, 3-A, 4-C  
(C) 1-D, 2-C, 3-A, 4-B  
(D) 1-D, 2-C, 3-B, 4-A  
(E) None of these

**Chapter :** Communication our sense

**Skill Tested :** Knowing the facts about the sense organs

15. Which of the following is slightly toxic and colourless gas?

- (A) O<sub>2</sub> (B) CO<sub>2</sub>  
(C) He (D) N<sub>2</sub>O  
(E) None of these

**Chapter :** Chemicals around us

**Skill Tested :** Knowing the facts about various gases present in atmosphere

### ANSWERS

1. B 2. B 3. B 4. B 5. C 6. C 7. C 8. C 9. C 10. A 11. D 12. C  
13. D 14. B 15. B