

The Global Edge School- Half Yearly Examination Revision | 2012-13



Name:		Subject: SCIENCE
Class: VI	Date:	MM:

SECTION-A

A. Choose the correct option:

1×10=10

- For developing strong bones and teeth, which two minerals will you take more in your diet?
 - iron and sodium
 - calcium and iron
 - iodine and fluorine
 - calcium and phosphorus
- Which of these is not a property of jute?
 - durability
 - biodegradability
 - smoothness
 - strength
- There are about 117 different types of
 - elements
 - Molecules
 - mixtures
 - compounds
- A commonly used chemical for loading is
 - hydrogen
 - alum
 - sulphur
 - common salt

b. Give one word answer for the following questions

- Name the process of separating cotton fibers from the seeds by combing.
- Name the soft, inside portion of a bone where blood cells are made.
- If a magnet is heated, it can lose its magnetism, true or false?
- Which vitamin is easily destroyed during cooking?

SECTION-B

2×10=20

- Name the two kinds of carbohydrates. Which of these provides us quick energy?
- A news item: 'silk has come under fire from animal rights activists.' Why?
- Metals are lustrous, but an iron rod used in construction does not shine. Explain.
- Under which condition can handpicking are used to separate the constituents of a mixture?

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5. When you turn a screw it undergoes two kinds of motion at the same time. Can you identify the two kinds of motion?
6. What is bone marrow? What is its main function?
7. List two adaptations in birds that help them to fly.
8. What will happen to the poles of a magnet if it is broken into two?
9. Will a strong magnet attract a piece of copper? Why?

SECTION-C

3×10M=30M

21. Read the statements given below and write the scientific term for each one of them

- I. The tough bands which attach muscles to bones.
- ii. The rearing of silkworms to produce silk
- iii. Speeding up sedimentation by making the particles heavier.
- iv. The method of grouping things with similar properties together.
- v. The comparison of the unknown quantity with some fixed quantity of the same kind.
- Vi .the region around a magnet where its magnetic influence is felt.

22. Do comparative study of three states of matter ?

23. Match the column

- | | |
|------------|--------------------------------|
| 1. Cotton | a. Rope |
| 2. Wool | b. highly priced natural fiber |
| 3. Silk | c. denim |
| 4. Nylon | d. carpet |
| 5. Jute | e. synthetic fibre |
| 6. Leather | f. purse |

24. Answer the following question with numbers

- i. No. of bones in the rib cage
- ii. No. of bones in the backbone
- iii. No of bones in the skeleton system

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- iv. No. of pairs of muscles that help the bones to move
- v. No. of pairs of wings in the body of the cockroach attached to the breast
- vi. No. of pairs of legs in the body of the cockroach

25. Give two examples for each of the following

- 1. Sources of calcium
- 2. Natural fibers
- 3. Metals not attracted by magnet

SECTION-D

4×5M=20M

26. Explain the importance of the following vitamins in the body.

- i).vitamin B
- ii).vitamin K

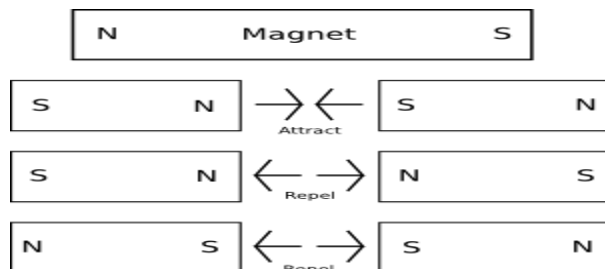
27. a. Define density. How is it related to floating and sinking in water?

- b. Why water is considered as important solvent?

28. How do the **snake** following move? Explain in detail.

29. What is the difference between endoskeleton, exoskeleton and liquid skeleton? Describe in detail and Give three examples?

30. a. What do you observe from the given figure? Explain in detail?



- b. i). Can magnetic poles be isolated?

- ii). List any four uses of magnets.

