

HOLIDAY HOMEWORK

Class :- VI

Sub :- Science

1. What do you mean by photosynthesis? Write a reaction which represents this process.
2. Distinguish between following
 - A. Biodegradable and non-biodegradable substances.
 - B. Herbivores and carnivores.
3. Define food chain. Give one example of each terrestrial and aquatic food chain.
4. What is mineral cycle. Explain with help of diagram.
5. Differentiate between solids, liquids and gases on the basis of following properties:-
 - A. Shape
 - B. Volume
 - C. Arrangement of particles
6. Write an activity to show that glass is a transparent material.
7. What do you mean by saturated solution? How can one prepare a saturated solution of sugar in water?
8. State the difference between homogeneous and heterogeneous mixture by giving suitable examples.
9. Write the methods by which components of following mixtures can be separated-
Mixture of iron nails from sand, Butter from cream., Iodine and salt., Salt from sea water., Oil and water
10. How can you separate the mixture of sugar sand and iron nails. Write steps to separate them.
11. Describe the method of centrifugation using an appropriate example.
12. What do you mean by sublimation. Write the name of three substances which sublime on heating.
13. Give reason of following :-
 - A. Buffaloes cool themselves in water during summer.
 - B. Gases diffuse very quickly.
 - C. Solids have fixed shape and cannot be compressed.
14. Give two examples of each
 - A. Scavengers
 - B. Primary consumers
 - C. Omnivores
15. Differentiate pure substance and a mixture.

Sub. Math

1. What is the estimated value of 786×1385 ?
2. Simplify
 $45 - [38 - \{40 \div 2(9 - 7 + 3)\}]$
3. Is $6 - 3 + 3 - 6$ a natural number? check?
4. Simplify using distributive property.
 $223 \times 25 \times 6 - 15 \times 223 \times 10$
5. 252 can be expressed as a product of primes as
6. Are 32 and 34 co-prime? Why?
7. Replace the blank in $625 \square$ with the last number so that the number is divisible by 11.
8. Find the LCM of 198, 135, 108 and 54.
9. Can a number have 15 as HCF and 350 as LCM? Why?
10. Six bells commence tolling together and toll at intervals 2, 4, 6, 8, 10 and 12 seconds respectively. After how many minutes will they toll together again.
11. The HCF and LCM of two numbers are 13 and 1980 respectively. If one number is 117, find the other.
12. State which of the numbers are divisible by 3, both 3 and 9?
 - A. 235674
 - b. 78015

13. Express the smallest 5-digit number as a product of primes.
 14. Find the HCF of 1624,522,1276
 15. 1,1,2,3,5,8,13 _____, _____, _____
 16. Estimate $1234+649-186$
 17. Find the value of $125 \times 8 \times 4 \times 25$.
 18. How many millions make thirty crore.
 19. Write all possible 3- digit member using digits 5,9,0.
 20. Write the greatest 7-digit number using 3- different digits.
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Sub. Social Science

1. Write a note on Indus seals.
 2. Write a short note on the religious beliefs of Indus people.
 3. Describe the great Bath of Mohenjodaro.
 4. Write few lines on Egyptian Civilization.
 5. Discuss the drainage system of Indus valley.
 6. List some of important Indus sites.
 7. Write two lines on script of Harappuri
 8. What did Indus people worship?
 9. Define smelting.
 10. What is Civilisation?
 11. Name the person who discovered the remain of Mohenjadar.
 12. Differentiate between following term Neolithic Age and Chaleolithic Age.
 13. Differentiate between a satellite and asteroid.
 14. Differentiate between Galaxy and constellation.
 15. Write a short note on religious literature.
 16. Collect pictures of most important constelliation and paste in the notebook.
 17. Explain any three type of Maps.
 18. Explain the various components of a map.
 19. Differentiate between globe and atlas.
 20. Draw map symbols representing river, roads, boundries, railway lines, dam, church, mosque.
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Sub. English

1. Write a paragraph: I am proud to Be An Indian.
2. You are Nitin, Head boy of your school. As the secretary of science club of your school write a notice informing students science Exhibition and encouraging them to participate in it.
3. Write a Bio-Sketch On Rupa gupta, collect the proper information, make the suitable points and write a paragraph on Rupa Gupta a senior Editor and story writer.
4. Do page 25 to 40 of your English practice Book.
5. Write a Debate on " Is Physical Education necessary in schools or not "