11.02.20   EVERWIN VIDHYASHRAM
STD: IX(Boys)   TT –Social   Marks:25
I. Answer in one word or sentence: 10x½=5
1. Bhatras and Halbas are some of the communities live in ---------
2. Mention any one leader who rebelled against British for forest communities.
3. A small fee paid by the villagers for taking forest products from another village is called as ------------
4. The forest communities suffered from increased ------ and free labour service to the colonial government.
5. ------------ of kanger forest took the iniative to start a rebellion in Bastar.
6. The practice of keeping people out of the forests and reserving them for industrial use continued even after ----------
7. Java is a rice – producing island of ------------
8. ------------ of Java were a community of skilled forest cutters and shifting cultivators.
9. Due to the protest of ----------- the proposal of world bank of replacing sal forest to pine forest was stopped.
10. The Dutch enacted forest laws in Java, restricting --------- access to forests.
II. Answer in brief: 5x3=15
1. Where is Village Bastar located? What are its geographical features?
2. What is forest village? What was the proposal made by the Colonial government in 1905?
3. Write a short note on kalangs of Java.
4. Explain the movement started by surontiko samin against the Dutch.
5. "The First World War and the Second World War had a major impact on forests". Justify the statement in Indian context.
III. Answer in Detail: 5x1=5
1. Write a detailed note on the events of Bastar rebellion.

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STD: IX(Girls)   TT –Chemistry   Marks:25

I. Assertion Reason: 1x1=1

1. Assertion [A]: The number of electrons that should be present in the outermost shell is 8.

Reason [R]: This is known as octet rule.

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 and [R] is false   d) [A] is false and [R] is true

II. Multiple Choice Questions: 2x1=2

2. The maximum number of electrons that should present in a given shell is given by the formula

a) n^2 b) $2n^2$ c) n^3 d) $2n^3$

3. Number of valence electrons in Cl^- ion is

a) 16   b) 8   c) 17   d) 18

III. Answer in one word or one sentence: 3x1=3

4. What is meant by valency?

5. Write the distribution of electrons in sodium atom.

6. If k and L shells of an atom are full, then what would be the total number of electrons in the atom?

IV. Answer in Brief: 3x3=9

7. What are isotopes? Give example.

8. What are isobars? Give example.

9. What are the applications of isotopes?

V. Answer in detail: 2x5=10

10. i) Write down the rules of Bohr-Bury Scheme.

ii) Draw the structure of carbon and oxygen atoms.

11. i) Define the following:

a) Atomic number   b) Mass number

ii) If bromine atom is available in the form of say, two isotopes $_{35}Br^{79}$ (49.7%) and $_{35}BR^{81}$ (50.3%) .Calculate the average atomic mass of bromine atom.