



CHEMISTRY

BOOKS - MAXIMUM PUBLICATION

QUESTION PAPER MARCH 2020

Example

1. Which one of the following metals is refined by liquation?

(Zinc, Iron, Copper, Tin)



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2. Which are the chemicals used to prepare ammonia in the laboratory?



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3. If we show a red litmus paper over ammonia gas, what change can be observed?



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4. The outer most subshell electronic configuration of an element is $3d^5 4s^2$.

Write the complete subshell electronic configuration of this element.



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5. The outer most subshell electronic configuration of an element is $3d^5 4s^2$.

Write the atomic number of the element.



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6. The outer most subshell electronic configuration of an element is $3d^5 4s^2$.

Identify its block and period.



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7. The outer most subshell electronic configuration of an element is $3d^5 4s^2$.

(d) This element shows variable oxidation state. Why?



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8. Some information about an organic compound is given:

(i) It has three carbon atoms in its main chain.

(ii) It has a hydroxyl group (- OH) attached to its second carbon atom.

Write the structural formula of this organic compound.



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9. Some information about an organic compound is given:

(i) It has three carbon atoms in its main chain.

(ii) It has a hydroxyl group (- OH) attached to its second carbon atom.

Write its molecular formula.



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10. Some information about an organic compound is given:

(i) It has three carbon atoms in its main chain.

(ii) It has a hydroxyl group (- OH) attached to its second carbon atom.

Write the structural formula of a functional isomer of this compound and write the IUPAC name of this isomer.



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