



CHEMISTRY

BOOKS - VGS BRILLIANT CHEMISTRY (TELUGU ENGLISH)

SUMMATIVE ASSESSMENT

Summative Assessment

1. Write any two uses of convex mirror in day to day life.



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2. What are the scattering centres responsible for the blue of the sky?



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3. Why do the various micelles present in water do not come together to form a precipitate ? Guess the reason.



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4. Mention any two uses of graphite in day to day life.



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5. Balance the chemical equation $Fe_2O_3 + Al \rightarrow Fe + Al_2O_3$. Write the steps of balancing.



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6. What are the essential condition that iron articles get rust ?



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7. What happens when a current carrying coil is placed in a uniform magnetic field?



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8. What happens when magnetic flux passing through a coil changes continuously?Where

does this process is used ?



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9. How do the resistors $6 \Omega, 10 \Omega$ to be connected in a circuit to get minimum resistance? Find the resultant resistant of the circuit.



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10. Write two examples for ohmic and non-ohmic materials each.



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11. Write any four uses of washing soda.



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12. How do you test the nature of the solution formed by dissolving CaO in water? what is

the nature of the solution?



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13. The radius of curvature of a concave mirror is 6 cm. Draw the ray diagrams for an object placed on principal axis at 8 cm and 4 cm distance from the pole of the mirror.



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14. Answer the following question from above information : Whose defect of vision can be corrected by using Biconcave lens ?



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16. Answer the following question from above information : Whose defect of vision can be corrected by using Biconcave lens ?



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17. List out the materials required to test whether the solutions of given acids and bases contain ions or not. Explain the procedure of the experiment.



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18. How does Hund's rule help in writing electronic configuration of an atom? Explain with a suitable example.



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19. Eye lens form a ___ image on retina.

A. real, Inverted

B. real, erect

C. virtual, inverted

D. virtual, erect

Answer:



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20. The percentage of alcohol in absolute alcohol

A. 96

B. 100

C. 10

D. 18

Answer:



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21. The functional group of Ketones is ____

A. -C=O

B. -COOR

C. -CHO

D. -OH

Answer:



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22. Limestone is an ore is _____

A. Na

B. Ca

C. Mg

D. Al

Answer:



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23. The most electronegative element is

A. Cs

B. He

C. F

D. Li

Answer:



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24. Which colour light is produced by Sodium vapours in street light?

A. Green

B. Blue

C. Yellow

D. Crimson red

Answer:



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25. 'l' value of d- orbital is _____

A. 0

B. 2

C. 3

D. 1

Answer:



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26. Froth floatation process is used to concentrate impurities of the ore is ____

A. Sulphide

B. Oxide

C. Chloride

D. Hydride

Answer:



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27. Power of a lens is 4D, then the focal length of the lens will be _____

A. 50 cm

B. 5 cm

C. 25 cm

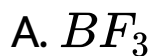
D. 2.5cm

Answer:



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28. Which of the following is a linear molecule?



Answer:



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