

By. Er. Dharmendra Sir

7974073108, 9584873492

# **DPM CLASSES**

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

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**TEST - PAPER (CBSE/NCERT)**

## **SURFACE CHEMISTRY**

**SESSION -2024-25**

**CLASS - 12<sup>th</sup>**

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Time : 1 hr    :- Surface chemistry :-    mm!

Q. 1. What happens when gelatin is mixed with gold sol?

Q. 2. What is collodian?



Q. 3. Why is  $\text{Fe}(\text{OH})_3$  colloid positively charged, when prepared by adding  $\text{Fe}(\text{OH})_3$  to hot water?

Q. 4. Why does the white precipitate of silver halide become coloured in the presence of dye eosin?

Q. 5. How does a delta form at the meeting place of sea and river water?



Q. 6. How does a delta form at the meeting place of sea and river water? (Ignore)

Q. 6. Why is desorption important for a substance to act as good catalyst?

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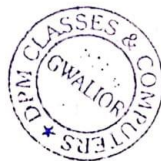
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Q.7. What is the role of diffusion in heterogeneous catalyst?

Q.8. How does a solid catalyst enhance the rate of combination of gaseous molecules?

Q.9. What are the applications of adsorption in chemical analysis?

Q.10. What is the role of adsorption in froth floatation process used especially for concentration of sulphide ores?



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