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| --- | --- | --- |
| a) Draw and label an animal cell**Topic 1 – Cells and movement across cell membranes** | b)Label a plant cell\\Ntserver\Thornes\582_Add Sci TRP (2s)\582_Artwork\582_Questions\B2.01_Exam 01_AW582.jpg | C) what is the function of:NucleusCell membraneCell wallCytoplasmChloroplastsVacuoleMitochondria  |
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| --- | --- | --- |
| Microscopes type | advantages | disadvantages |
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Stain used for:Plant cells-Animal cells- | e) magnificationeyepiece lens x objective lens = magnificationRules of drawing from a microscope slide:List specialised cellsi. ii. iii. |

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| --- | --- | --- |
|  | Definition | Examples  |
| tissue  |  |  |
|  |  |  |
|  |  |  |
| Organism  |  |  |

B2Label inside a plant leaf: |
| g) Diffusion How can we change the rate of diffusion?How do we model diffusion in the lab? | h) Osmosis Active transport | i) Enzymes – definition- effect of temperature and pH-Specified Practical: best temperature to wash clothes  |
|  |  |