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| 1 | D | escribe t | ha dam | inoral | ization | proce | acc of | | 1-1 | ion | oveho | nga re | cinc 11 | vith ite | ТЭ | 1214 |
| T | advantages and disadvantages | | | | | | | | | | | | /1111 115 | | 1 2111 | |
| | uc | runuges | and an | Juava | inuges. | | | 01 | R | | | | | | | |
| 2 | a | Distingu | uish bet | ween | scales a | and sl | udges | | | | | | | | L2 | 6M |
| | b | List the | BIS and | d WH | O spec | ificati | ons fc | or drinl | king w | ater. | | | | | L1 | 6M |
| | | | | | | | | UNIT | Г-П | | | | | | | |
| 3 | a | Derive | the No | ernst | equation | on fo | r a s | single | elect | rode | poten | tial a | nd wr | ite its | L3 | 10M |
| | | applicat | ions. | | | | | | | | | | | | | |
| | b | Define s | standard | l elect | rode po | otentia | ıl. | | | | | | | | L1 | 2M |
| | | D 1 · | .1 | | | | | 01 | 2 | | | | | | | < |
| 4 | a | Explain | the con | struct | tion and | i work | ting o | f lead | acid b | attery | | | | | L2 | 6M |
| | b | Discuss | the elec | ctroch | emical | corro | sion v | vith su | itable | exam | ple. | | | | L2 | 6 M |
| F | | Describ | - 41 | | • | | | UNIT | -III | 1. | 1.01 | | | | 1.2 | 011/1 |
| 5 | a h | Differer | e the pr | eparat | lion, pr | operti | es and | 1 uses | of Bak | ion | and P | VC. | | | | ðivi Ana |
| | U | Differen | | ernor | JIASTICS | | | | | ics. | | | | | | 4 1 VI |
| 6 | Ez | xplain the | e proxin | nate a | nd ultir | nate a | nalvsi | is of co | al wit | th thei | r sign | ifican | ce. | | L2 | 12M |
| | | 1 | 1 | | | | 5 | UNIT | -IV | | | | | | | |
| 7 | D | iscuss the | e mecha | nism | of diffe | erent t | vpes c | of lubr | ication | 1. | | | | | L2 | 12M |
| | | | | | | | / F | OI | 2 | | | | | | | |
| 8 | a | What ar | e comp | osites | ? Write | e a not | e on f | iber re | inforc | ed co | mposi | te mat | erials. | | L1 | 6M |
| | b | Explain | the sett | ing ar | nd hard | ening | proce | esses o | f portl | and ce | ement | | | | L2 | 6M |
| | | | | | | | | UNI | Г-V | | | | | | | |
| 9 | E | xplain th | ne prin | ciple, | instru | iment | ation | and | applic | ations | s of | scann | ing el | lectron | L2 | 12M |
| | m | icroscopy | /. | | | | | | | | | | | | | |
| | | | | | | | | OI | R | | | | | | | |
| 10 | a | Describe | e the ap | plicat | ions of | nanoi | nateri | ials. | | | 11.1.0 | | | | L2 | 6M |
| | b | What ar | e the fa | ctors i | influen | cing a | dsorp | tion of | gases | on so | olids? | | | | L1 | 6M |

*** END ***