

## RAJSI CHEMISTRY POINT For JRF/NET, GATE, DRDO, BARC, IIT-JAM, RPSC and M.Sc. in CHEMISTRY

13. The work done *W* during an isothermal process in which the gas expands from an initial volume  $V_1$  to a final volume  $V_2$  is given by (R = Gas constant, T = Temperature)



| Q.No. | ANSWER | Q.No. | ANSWER | Q.No. | ANSWER | Q.No. | ANSWER |
|-------|--------|-------|--------|-------|--------|-------|--------|
| 1.    | Ŧ      | 6.    |        | 11.   |        | 16.   |        |
| 2.    |        | 7.    |        | 12.   |        | 17.   |        |
| 3.    |        | 8.    |        | 13.   |        | 18.   |        |
| 4.    |        | 9.    |        | 14.   |        | 19.   |        |
| 5.    |        | 10.   |        | 15.   |        | 20.   |        |