

MARKING SCHEME- SCIENCE CLASS-VII

COMMON FORMATIVE ASSESSMENT - I

| | Expected answers/value points | Marks | Total |
|-----|---|-------------------------------|-------|
| Q1. | b | 1 | |
| Q2 | d | 1 | |
| Q3 | d | 1 | |
| Q4 | d | 1 | |
| Q5 | C | 1 | 5 |
| | | | |
| Q6 | A : starch | 1 | |
| | B : liver | 1 | |
| | C : villi | 1 | |
| | D : sericulture | 1 | |
| | E : radiation | 1 | 5 |
| | | | |
| Q7 | Definition | $\frac{1}{2}$, $\frac{1}{2}$ | |
| | examples | $\frac{1}{2}$, $\frac{1}{2}$ | 2 |
| | | | |
| Q8 | Process of photosynthesis (raw materials, chlorophyll, sunlight etc) | | 2 |
| | | | |
| Q9 | Cellulose | 1 | |
| | The cellulose of the food is digested here by the action of certain bacteria which are not present in humans. | 1 | 2 |
| | | | |
| Q10 | There would be a layer of air in between. This air prevents the flow of heat from our body to the cold surroundings. So, we feel warm | | 2 |
| | | | |
| Q11 | i) cuscuta | 1 | |

| | | | |
|-----|--|-------------------------------|---|
| | ii) insectivorous plants/Pitcher plant | 1 | |
| | iii) stomata | 1 | 3 |
| | | | |
| Q12 | Writing the names silkworm & cocoon | $\frac{1}{2}$, $\frac{1}{2}$ | |
| | diagrams | 1,1 | 3 |
| | | | |
| Q13 | Explanation of the concept | 2 | |
| | Diagram with arrow | 1 | 3 |
| | | | |
| Q14 | Two differences | 1,1 | |
| | diagram | 1 | 3 |
| | | | |
| Q15 | Steps I to IV | 1,1,1,1 | |
| | Steps V & VI | $\frac{1}{2}$, $\frac{1}{2}$ | 5 |
| | | | |
| Q16 | Diagram as in the NCERT book | 3 | |
| | labellings | $\frac{1}{2}$ x4 | 5 |