

## 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 |