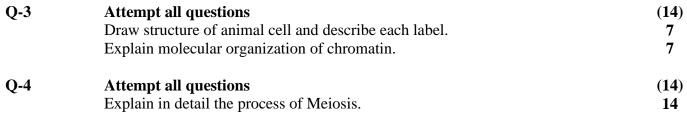
| | Enrollm | ent No: | Exam Seat No: | |
|-------|----------------|---|---|-----------|
| | | | UNIVERSITY xamination-2017 | |
| | Subject 1 | Name: Cell Biology | | |
| | Subject (| Code: 4SC01CEB1 | Branch: B.Sc.(All) | |
| | Semester | r: 1 Date : 24/03/2016 | Time: 10:30 To 01:30 Marks: 70 |) |
| | (2) I (3) I | | | |
| Q-1 | | Attempt the following questions | : | (14) |
| | a) | What is the function of Mitochone | dria? | 1 |
| | b) | What is cell? | | 1 |
| | c) | Who discovered cell? | | 1 |
| | d) | Give three examples of unicellula | | 1 |
| | e) | A cell without nucleus is called | ? | 1 |
| | f) | What are chromosomes? | | 1 |
| | g) h) | Define osmotic pressure. Which enzyme is present in lysoso | omes? | 1 |
| | i) | • • | ugh ER (Endoplasmic reticulum) and smooth | 1 |
| | j) | Chromosomes are present in chlor | - | 1 |
| | k) | Name the outer most boundary of | | 1 |
| | l) | Nucleic acids are present in which | | 1 |
| | m) n) | What is the arrangement of micro | sponsible to receive sunlight energy? | 1 |
| Atter | , | our questions from Q-2 to Q-8 | tabule in proximy one cent. | 1 |
| Q-2 | | Attempt all questions | | (14) |
| | a) b) | Draw structure of plant cell and de Write a note on plasma membrane | | 7 7 |
| Q-3 | | Attempt all questions Draw structure of animal cell and | describe each label. | (14) 7 |





| Q-5 | Attempt all questions Write a short note on cell cycle. | |
|-----|--|------|
| | | |
| | What are different functions of mitochondria explain in detail with diagram. | 7 |
| Q-6 | Attempt all questions | (14) |
| | Write a note on organization eukaryotic cell. | (14) |
| Q-7 | Attempt all questions | (14) |
| | Write a note on golgi apparatus and explain its diagram. | 7 |
| | Write a note on Chloroplast and explain its diagram. | 7 |
| Q-8 | Attempt all questions | (14) |
| | Enlist the differences between Mitosis and Meiosis. | 7 |
| | Enlist the differences between Eukaryotic cell and Prokaryotic cell. | 7 |

