| Tota | l No. | of Questions : 10] SEAT N | o. : | | | | | |
|--|-------|---|---------------|------------|--|--|--|--|
| P17 | 63 | [Te | otal No. of P | ages: 2 | | | | |
| [5460] - 593 | | | | | | | | |
| T.E. (I.T.) | | | | | | | | |
| SO | FTV | WARE ENGINEERING AND PROJECT MA | NAGEM | ENT | | | | |
| | | (2015 Pattern) | | | | | | |
| | | | | | | | | |
| Time: 2½ Hours] [Max. M. Instructions to the candidates: | | | | | | | | |
| | 1) | Solve any 1 out of Q.1 or Q.2 and any 1 out of Q.3 or Q.4 | and | • | | | | |
| | 2) | Solve any 1 out of Q.5 or Q.6 and any 1 out of Q.7 or Q.8 and any | | or Q.10. | | | | |
| | 3) | Draw neat diagrams and assume suitable data wherever | necessary. | | | | | |
| | 4) | Figures to the right indicate full marks. | | | | | | |
| Q1) | a) [| Elaborate how software engineering is layered technol | ogy. | [5] | | | | |
| | b) | What are the key principles for agile requirements? | | [5] | | | | |
| | | OR | | | | | | |
| Q2) | a) | Explain four major sections of project management pl | an. | [5] | | | | |
| | b) | What is meant by normal and exciting requirements? I are validated? | How require | ements [5] | | | | |
| Q3) | a) | What are different techniques for effort estimation? | | [5] | | | | |
| | b) | Explain incremental model in detail. | Sign | [5] | | | | |

OR

- (Q4) a) How stakeholder identification is performed? What are the advantages of recognizing multiple viewpoints? [6]
 - b) Discuss software myths and realities in developer perspective. [4]
- **Q5)** a) Explain agility and cost of change. State the Agility principles. [8]
 - b) Explain sprint planning meeting, sprint backlog, sprint execution. [8]

OR

| <i>Q6)</i> | a) | Explain with an example test driven development. | [8] |
|------------|--------|--|---------------------|
| | b) | Explain difference between exploratory testing versus scripted testing | g. [8] |
| <i>Q7)</i> | a) | Explain the need of Quality management. Draw and explain six sign quality management. | na in [10] |
| | b) | Explain Different statistical tools used quality control. OR | [8] |
| Q8) | a) | Explain risk mitigation, risk monitoring, risk management. | [10] |
| | b) | Explain the differences between 'Known risks' and 'predictable rwith example. | isks' [8] |
| Q9) | a) | What is customer relationship management (CRM)? Explain benef CRM. | its of [8] |
| | b) | What is meant by business reengineering? What are business reengine process principles? | ering [8] |
| Q10, |) Wr | ite short note on | [16] |
| | a) | CASE tools | 200 |
| | b) | Collaborative Development | |
| | c) | Elements of a Configuration Management System | |
| | d) | Technology Evolution | |
| | | **** | |
| SPY | | Collaborative Development Elements of a Configuration Management System Technology Evolution | |
| [5460 | 0] - 5 | 2 2 | |