Examination Nov/Dec 2019

H-412

Total No. of Printed Pages:2

SUBJECT CODE NO:- H-412
FACULTY OF SCIENCE AND TECHNOLOGY
B.E. (Chemical) (Sem-I)
Industrial Safety and Management
[OLD]

[Time: Three Hours]   [Max.Marks: 80]

Please check whether you have got the right question paper.

N.B
1) Q.No.1 and Q.No.6 are compulsory.
2) Solve any two questions from remaining in each section.
3) Draw neat sketches wherever required.

Section A

Q.1	Solve following	
	1) ESI Act	03
	2) Fire triangle	02
	3) HAZOP	03
	4) Types of Accidents	02
Q.2	a) Discuss in detail factories Act 1948 & factories rule 1963.	15
Q.3	a) Distiction between fire and explosion.	08
	b) Write down concept of ignition in detail	07
Q.4	a) Explain HAZAN in detail.	08
	b) Describe revealed and unrevealed failure.	07
Q.5	Write short note	15

1) SMPV Rules
2) Maintenance of PPE
3) Review of probability theory

Section B

Q.6	Explain following	
	1) Motivation Hygience theory	05
	2) Vertical integration	03
	3) Changing behaviour	02
Q.7	a) Write down integration of organizational goals & needs of employee	08
	b) Describe X & Y theory	07

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| Q.8 | a) | Write down contribution of Elton Mayo & Skinner to behaviour sciences | 08 |
| | b) | Explain understanding past behaviour. | 07 |

| Q.9 | a) | Explain term process management. | 08 |
| | b) | Discuss customer involvement in process management. | 07 |

Q.10   Write short note   15
1) Resource flexibility
2) Directing behaviour
3) Job evaluation