

Semester-V, B.Sc. (Industrial Chemistry) Examination
November - 2014
Paper- IC-505: Industrial Safety
Subject Code: 4304

Time: 2.30 Hours

Total Marks: 70

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|-------|-----|--|----|
| Que.1 | (A) | What can we do for control of diseases due to chemical effects? | 10 |
| | (B) | Write a note on radiation meter. | 04 |
| OR | | | |
| Que.1 | (A) | What is inert dust and harmful dust? Give its effects on human body. | 10 |
| | (B) | Explain classification of colours for safety. | 04 |
| OR | | | |
| Que.2 | (A) | Explain operational deviations for safety. | 10 |
| | (B) | What is bulk quantity? Explain it. | 04 |
| OR | | | |
| Que.2 | (A) | Explain effect of gases and vapours on human. | 10 |
| | (B) | Write about oxygen meter. | 04 |
| OR | | | |
| Que.3 | (A) | Give name and application of equipment for eye, face and head protection. | 10 |
| | (B) | How explosimeter is works for safety. | 04 |
| OR | | | |
| Que.3 | (A) | Give name and application of equipment for ear, leg and respiratory protection. | 10 |
| | (B) | Write about gas detection pump. | 04 |
| OR | | | |
| Que.4 | (A) | Give name and application of equipment for falling, body and hand protection. | 10 |
| | (B) | Write about knowledge of material for safety. | 04 |
| OR | | | |
| Que.4 | (A) | State harmful effect of carbon disulphide, trichloroethylene and nitrobenzene on human body. | 10 |
| | (B) | Explain corrosivity as dangerous properties of chemicals. | 04 |
| OR | | | |
| Que.5 | (A) | State and explain gas cylinder rule. | 10 |
| | (B) | Which precautions we take for transportation of chemicals? | 04 |
| OR | | | |
| Que.5 | (A) | State types of fire extinguisher and their application. | 10 |
| | (B) | Write about storage of chemicals. | 04 |