

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)

Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION APRIL – 2017**B.Voc. Pharmaceutical Analysis & Quality Assurance****BVPAQA-203 – INDUSTRIAL HAZARDS, SAFETY AND GLP***Duration of Exam – 2.30 hrs**Semester – II**Max. Marks – 70***Que. 1 (A) Answer the following Questions****[10]**

1. What is Industrial Hazard & Industrial safety?
2. What is GLP?
3. What are hazardous chemicals?
4. What is the difference between fire and explosion?
5. What is UN number?
6. Who does appoint study director and QA personnel?
7. Draw the pictograms for Explosive & Corrosive substances.
8. Give any two types of inspections done by QAU.
9. What is Oxygen booth?
10. What is Flash point?

Que. 1 (B) Answer the following Questions**[20]**

1. White, Silver, Red, and Orange Color pipelines denote _____, _____, _____, and _____ respectively.
2. What are PPEs? When can PPE be used?
3. Who are the different members of site appraisal committees?
4. What are minimum requirements for combustion to take place? Explain with example for each.
5. Write the full form of MSIHC & NFPA
6. Give objectives of GLP.
7. What are Agendas & Minutes in accordance to safety committee?
8. Enlist various types of SOPs.
9. Enlist the various types of hazards.
10. Write in brief about the various Hazards associated with Head.

Que. 2 Answer the following Questions (Any Four)

[20]

1. What are the fundamental points of GLP? Give a detailed account on Resources.
2. What is SOP? How the SOP should be written? What are the tips or guidelines to write SOP.
3. Give a brief account on causes of industrial fire and types of fires.
4. What are the various benefits provided by SOP?
5. What are various activities associated with respiratory hazards? Describe any three Respiratory protectors in detail.
6. What is MSDS? Explain any 8 sections of MSDS.

Que. 3 Answer the following Questions (Any Four)

[20]

1. Give detailed account on Water wash Showers used in Industry.
 2. What is HAZOP? Give its understanding by elaborating it.
 3. Explain the OSHA for labeling of the hazardous chemicals.
 4. Enlist different dangerous properties of hazardous chemicals. Give brief account on any 6 properties from that.
 5. Write the short note on safety committee.
 6. What are the different engineering controls of chemical plant s hazards? Give abrief account of Ventilation and smoking booth in industry.
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