



# SHIKSHA CLASSES

## Question Paper

Subject : Chemistry

Class : XI

16 : Chemistry in Everyday Life

Total Marks :20

Time : 1 Hour

### SECTION A

**Q.1 : Choose the correct option :** 4

i) Saponification is carried out by  
.....

- a) oxidation                      b) alkaline hydrolysis  
c) polymerisation  
d) Free radical formation

ii) Arsenic based antibiotic is

- a) Azodye                      b) prontosil  
c) salvarsan                      d) sulphapyridine

iii) Aspirin is .....

- a) 2 - methyl benzoic acid  
b) 2 - hydroxy benzoic acid  
c) 3 - hydroxy benzoic acid  
d) 2 - acetoxy benzoic acid

iv) The chemical is responsible for the rancid flavour of fats is

- a) Butyric acid                      b) Glycerol  
c) Protein                      d) Saturated fat

**Q.2 Answer the following :** 2

- i) What is drug design?  
ii) Define cleansing agent

### SECTION B

**Answer the following : (ANY 2)** 4

**Q.3 :** What are soaps? How are they prepared?

**Q.4 :** Explain antioxidants as food additives.

**Q.5 :** What is rancidity of oils and fats? Give its

causes.

### SECTION C

**Answer the following : (ANY 2)** 6

**Q.6 :** Explain saturated, unsaturated and trans fats.

**Q.7 :** i) What is meant by drug and medicine?  
ii) Write a note on analgesics and antipyretics.

**Q.8 :** Write a note on Antibiotics.

### SECTION D

**Answer the following : (ANY 1)** 4

**Q.9 :** What are synthetic detergents? Give their types.

**Q.10 :** i) What is rancidity of oils and fats?  
ii) What are Omega - 3 or Omega - 6 fatty acids?

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