

B.Tech. Seventh Semester (Food, Pulp & Paper, Oil & Paint & Petro Technology) (CGS)
11064 : Special Technology - IV : Oil & Paint Technology - IV : 7 CT 03

P. Pages : 2

Time : Three Hours



AU - 2948

Max. Marks : 80

- Notes :
1. Answer **Three** question from Section A and **Three** question from Section B.
 2. Due credit will be given to neatness and adequate dimensions.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

SECTION – A

1. Discuss the various changes in "full Boiled" process of Soap manufacture. Describe the preparation method of Toilet Soap and Washing Soap with help of neat flow diagram. **13**

OR

2. Describe the mechanism of Detergency. Discuss the factor affecting the detergency power in detail. <http://www.sgbauonline.com> **13**
3. Give an account of Builders and fillers used in soap manufacture. Discuss them in detail. **13**

OR

4. Give classification of surfactant with examples. Describe the sulfonation of "Alfa Olefin" with discussing the parameters of reactions. **13**
5. Give an account of practical importance of **14**
- i) INS Factor.
 - ii) Solubility Ratio.
 - iii) Hardness Number.
- Discuss them in detail.

OR

6. Discuss about **any two**. **14**
- i) Analytical methods for Testing of soap.
 - ii) Use of non traditional oils in soap manufacture.
 - iii) Semiboiled method.

SECTION – B

7. Give an account of formulation, properties & uses of soap products like **13**
- i) Transparent soap
 - ii) Shampoo
 - iii) Shaving cream / soap
 - iv) Medicated soap.

OR

8. Describe the "Monsavan Process" of continuous soap manufacture with neat diagram in detail. **13**

9. Give an account of extraction of essential oil by Any Two method prescribed, also state their advantage & disadvantage. 13

OR

10. Describe the functions of Builders and fillers in detergent manufacture. Discuss them in detail. 13

11. Give an account of manufacture of "Synthetic Glycerine" with the help of neat flow diagram. Also state the properties & uses of glycerine. 14

OR

12. Discuss about any two. 14
i) HL B ratio.
ii) Testing of essential oils.
iii) Enflurage & maceration.

<http://www.sgbauonline.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से