

UNIVERSITY OF MUMBAI

No.UG/ 35 of 2005

CIRCULAR :

A reference is invited to the scheme of papers at the Bachelor of Science (B.Sc.) degree course under revised pattern vide Pamphlet No. 151 and to this office Circular No. UG/586 of 1994 dated 12th December, 1994 and the Principals of the affiliated colleges in the Faculty of Science are hereby informed that the recommendation made by the Board of Studies in Chemistry at its meeting held on 19th October, 2004, has been approved by the Academic Council at its meeting held on 14th December, 2004 vide item No.4.3 and that in accordance therewith the scheme of marking in the subject of Drugs and Dyes-Applied Component at the T.Y.B.Sc. practical examination has been revised as per Appendix and that the same has been brought into force with effect from the examination to be held in the first half of the year 2005.

Mumbai 400 032,
27th January, 2005


for REGISTRAR.

To,

The Principals of the affiliated colleges in the Faculty of Science.

A.C.4.3/14.12.2004

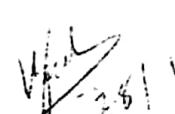
No.UG/ 35-A

of 2005

27th January, 2005,

Copy forwarded with Compliments for information to :-

- 1) The Dean, Faculty of Science,
- 2) The Chairman, Board of Studies in Chemistry.


for REGISTRAR.

P.T.O.

T.Y.B.Sc. Applied Component
Revised Scheme of Marking

DRUGS AND DYES PRACTICALS

(TOTAL MARKS – 80)

PREPARATION : Total Marks – 35 (30 Marks preparation + 05 marks for Journal preparation):
(Any one preparation)

(1) PREPARATION OF DRUGS INTERMEDIATES :-

- (1.1) Aspirin
- (1.2) p-nitracetanilide
- (1.3) p-nitroaniline
- (1.4) o-chlorobenzoic acid

(2) PREPARATION OF DYES INTERMEDIATES :-

- (2.1) Orange II
- (2.2) Fluorescein
- (2.3) Anthraquinone
- (2.4) M-dinitrobenzene

ESTIMATION : Total Marks – 30 (25 Marks estimation + 05 marks for Journal-estimation):
(Any one estimation)

(3) ESTIMATION OF DRUGS :-

- (3.1) Aspirin (by IP method)
- (3.2) Vitamin C (by iodine oxidation method)
- (3.3) Tincture iodine
- (3.4) Ibuprofen
- (3.5) Vitamin B – 12 (by colorimetry)

(4) ESTIMATION OF DYES :-

- (4.1) Aromatic primary amino gp. (aniline or p-toluidine----by diazotisation)
- (4.2) Methyl orange (by colorimetry)

Oral)- Total Marks 15 (pertaining to the experiments prescribed in the syllabus)

Practical Examination for one day with 6 hrs duration.

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*Spec.TYBSc. Applied.