



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
 SCHOOL OF PHARMACY
 SCHOOL OF ARCHITECTURE

REV:00	QUESTION PAPER PERIODIC TEST- 2	EXM-04(a)		
CLASS :- Final Year B. Pharm		SEM:- VIII		
SCHEME:- PCI Syllabus		DATE:- 20/3/2023		
SUBJECT:- Social and Preventive Pharmacy		MARKS:- 30		
DURATION:- 60 mins				
Q.01:		Marks	CO	
a)	Which body is responsible for formulating policy and implementing programs for prevention and control of HIV in India? a. AIIMS b. MCI c. NRHM d. NACO	1		
b)	WHO recommended a control strategy for TB known as: a. DOTS b. Morphine c. Gene therapy d. MCT	1		
c)	NLEP was launched in a. 1983 b. 1990 c. 1980 d. 1985	1		
d)	National mental health program was launched in a. 1982 b. 1985 c. 1980 d. 1990	1		
e)	Which vaccine is considered under UIP? a. BCG b. DPT c. OPV d. All	1		
f)	Mission Indra-dhanush was launched in a. 2014-15 b. 2010-2012 c. 2017-2018 d. 2009-2010	1		
g)	Fullform of DOTS a. Documental observed therapy strategy b. Directly observed treatment strategy c. Directional over treatment strategy d. None of the above	1		
h)	Full form of MTP is a. Medical termination of parturition b. Medical termination of pregnancy c. Medical treatment of pregnancy d. Medical transfer of pathogens	1		
i)	Under the mother and child health schemes which of the following is included in the interventions a. Nutrition b. Medical assistance and supervision c. Monetary incentives d. All	1		
j)	This program involves in detection of risks in pregnant women on 9 th of each month a. Pradhan Mantri surakshit maitritva abhiyan b. Janani shishun suraksha karyakram c. Navjaat shishu suraksha karyakram d. None of the above	1		
Q.02 : Long answers (Any one)				
a)	Write in detail about national HIV/ AIDS control programme	10		
b)	Explain objectives and functions of universal immunization programme along with the schedule chart	10		
Q.03 : Short Answers (Any two)				
a)	How we can minimize tobacco use? Discuss tobacco control program	5		
b)	Write a short note on objectives of Pulse polio program	5		
c)	Write about Revised national TB control program	5		



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
 SCHOOL OF PHARMACY
 SCHOOL OF ARCHITECTURE

REV:00	QUESTION PAPER PERIODIC TEST	EXM-04(a)		
CLASS :- Final Year B. Pharm		SEM:- VIII		
SCHEME:- PCI Syllabus				
SUBJECT:- Pharmacovigilance		DATE:- 21/3/2023		
DURATION:- 60 mins		MARKS:- 30		
Q.01:			Marks	CO
a) ICH stands for – a. The International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use b. International council on harmonization c. Internal conference on harmonization d. Indian committee on harmonization			1	
b) CIOMS VI deals with: a. Benefit–Risk Balance for Marketed Drugs: Evaluating Safety Signals b. Current Challenges in Pharmacovigilance c. Development Safety Update Report d. Management of Safety Information from Clinical Trials			1	
c) MedDRA includes all of the following except: a. Medical and surgical procedures b. Patient demographic terms c. Product quality issues d. Toxicologic issues			1	
d) CROs stand for a. Contract research organizations b. Controlled research organizations c. Contract risk organizations d. Controlled risk organizations			1	
e) What is full form of MedDRA a. Medical Dictionary for Regulatory Activities b. Medical Directory for Regulatory Affairs c. Medical Dictionary for Regulations and Actions d. Medical Directory for Regulations of Affairs			1	
f) D&C act was passed in – a. 1947 b. 1980 c. 1951 d. 1940			1	
g) CDSCO is located in ____ a. Kolkata b. New Delhi c. Chennai d. Mumbai			1	
h) Under Schedule Y to the Drugs and Cosmetics Rules, 1945, responsibility of a sponsor includes a. review of trial protocol to ensure rights and safety of the trial subjects b. conduct of the trial according to the GCP guidelines c. provision of adequate medical care to the participant for any adverse events d. Submission of status reports on the clinical trail to licensing authority			1	
i) CIOMS is based in – a. Uppsalla Sweden b. California c. Geneva d. England			1	

Innovative Teaching - Exuberant Learning

Vision : To be the most sought after academic, research and practice based school of Pharmacy that others would wish to emulate.

j)	Indian Pharmacovigilance system is regulated by – a. USFDA b. CDSCO c. IPC d. DRDO	1	
Q.02 : Long answers (Any one)			
a)	Discuss the International classification of Diseases	10	
b)	Illustrate the organisation and objectives of ICH	10	
Q.03 : Short Answers (Any two)			
a)	MedDRA OR CRO (any 1)	5	
b)	Write about the different CIOMS working group	5	
c)	Explain the schedule Y of drugs and cosmetic act	5	

Innovative Teaching - Exuberant Learning

Vision : To be the most sought after academic, research and practice based school of Pharmacy that others would wish to emulate.



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

FINAL YEAR V B PHARM (SEMESTER-VIII)
PERIODIC THEORY EXAMINATION (T-2) (2022 - 2023)

Subject: COSMETIC SCIENCES
Marks:30

Date: 21/03/2023

Q. N		MARKS	CO
I	MCO		
	<ol style="list-style-type: none"> 1. Which category of antidandruff agents are not included in shampoo formulations <ol style="list-style-type: none"> a. Cytostatic substances b. Fungistatic substances c. Counterirritant Substances d. Keratolytic agents 2. The first "con-poo" product was formulated by <ol style="list-style-type: none"> a. Procter and Gambler b. Sunsilk c. Lakme d. Loreal 3. Sunscreens that reflect sunlight are classified as <ol style="list-style-type: none"> a. Chemical sunscreens b. Physico-chemical c. Natural sunscreens d. Physical sunscreens 4. UVA ranges from <ol style="list-style-type: none"> a. 320-400 nm b. 290-320 nm c. 200-290 nm d. 100-200 nm 5. Henna comes from plant Lawsonia Inermis contains a dye molecule called, <ol style="list-style-type: none"> a. Hennaannic acid b. Lawsons c. Gallic acid d. Tannic acid 6. The lead (Pb) content in shampoo shall not exceed beyond <ol style="list-style-type: none"> a. 2 ppm b. 80 ppm c. 20 ppm d. 100 ppm 7. For toothpaste formulation, RDA refers to <ol style="list-style-type: none"> a. Recommended dentive abrasion b. Relative dental association c. Relative daily abrasivity d. Relative dentine abrasivity 8. The measuring head of the cartridge of sebumeter exposes _____ mm² measuring section of the mat tape <ol style="list-style-type: none"> a. 61 b. 64 c. 68 d. 65 9. The hydration level of the skin is measured by <ol style="list-style-type: none"> a. Corneometer b. Rotameter c. Hydrometer d. None of the above 10. The loss of water from skin occurs by <ol style="list-style-type: none"> a. Osmosis b. Diffusion c. Oxidation d. Reduction 	10M	3,4,5



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

II	Long Answer 1. Elaborate on building blocks of Para-phenylene diamine based hair dyes.	10M	3
	OR 1. Discuss different analytical methods for evaluation of toothpastes according to BIS		5
III	Short Answer (Any two) 1. Explain the role of henna and amla in hair care based products (5M)	10M	4
	2. Discuss the properties of different suncreening agents (5M)		3
	3. Explain the principle and working of sebumeter for cosmetic purpose(5M)		5



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
 SCHOOL OF PHARMACY
 SCHOOL OF ARCHITECTURE

REV:00	QUESTION PAPER PERIODIC TEST	EXM-04(a)
CLASS:- Final Year B.Pharm		SEM:- VIII
SCHEME:-PCI Syllabus		
SUBJECT:-Biostats & Research		DATE:-23/03/23
DURATION:- 60 mins		MARKS:-30

Q1. Answer the following(10 M)

Q1. For Poisson's distribution Mean is equal to

- 1) Variance 2) S.D 3) C.V 4) Median

Q2. For Standard Normal Curve value of Z ranges from 0 to

- 1) 2 2) 3 3) 1 4) 4

Q3. For Small sample value of N varies from 0 to

- 1) 25 2) 35 3) 30 4) 40

Q4. If number of values are 10 then degree of freedom is

- 1) 8 2) 10 3) 9 4) 11

Q5. Recurrence relation for Poisson's distribution is

- 1) $P(x+1) = \frac{m}{x+1}P(x)$ 2) $P(x) = \frac{m}{x+1}P(x+1)$
3) $P(x+1) = \frac{m}{x}P(x)$ 4) $P(x) = \frac{m}{x}P(x+1)$

Q6. Total area under standard normal curve is

- 1) 2 2) 1 3) -1 4) 0.5

Q7. At 5% level of significance value of Z is

- 1) 1.96 2) 1.76 3) 1.86 4) 1.66

Q8. If variance of Poissons distribution is 4 than Mean is

- 1) 2 2) 1 3) 4 4) 0

Q9. If X is normal variate with mean 30 and S.D 5, then Z at X= 45 is

- 1) 2 2) 3 3) 4 4) 1

Q10. If t-distribution sample size is less than

- 1) 40 2) 50 3) 30 4) 10

Q.2) Attempt any 1**(10 M)**

1) Fit a Poisson's distribution to the following data:

x	0	1	2	3	4	5	6	7
f	314	335	204	86	29	9	3	0

2) If x_1 and x_2 are two random variables with means 30 and 25 and variances 16 and 12 and if

$$Y=3x_1-2x_2 \text{ find } P(60 \leq y \leq 80)$$

Q3. Attempt any 2**(10 M)**

- 1) A random sample of 50 items gives means 6.2 and S.D 10.24. Can it be regarded as drawn from normal population with mean 5.4 at 5% level of significance
- 2) Two independent samples of sizes 7 and 7 gave following results

Sample 1	19	17	15	21	16	18	16
Sample 2	15	14	15	19	15	18	16

Is the difference between sample mean significant?

- 3) If variance of Poisson's distribution is 1.2. find probabilities of $x=1,2,3,4$ from recurrence relation.