Sanjay Ghodawat University, Kolhapur EstablishedasStatePrivateUniversityunderGovt.ofMaharashtra.ActNoXL,2017		2020-20 EXM/P/09/00
Year andProgram- 2020-21 S.Y.D. Pharm	School of Pharmaceutical Sciences	Department- Pharmacy
CourseCode: DP201T	CourseTitle: Pharmaceutics –II	Annual pattern (Part-II)
Date: 18.05.2021,Tuesday	Examination: Annual exam	MaxMarks:50 Time:

Instructions

1. Figures to the right indicate full marks.
2. Draw well labelled diagram wherever necessary.
3. All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Shortanswerquestion.** **AnsweranySix outofEight(2 x 6)**	**12**		
	a	Define the terms synergism and additive effect with example	02	1	1
	b	Define physical incompatibility. Give one example.	02	1	1
	c	Define powders and classify them.	02	1	2
	d	Define Elixir and Lotion. Give one example of each.	02	1	2
	e	Give any two examples of: i. Emulsifying agents ii. Suspending agents	02	1	2
	f	Define and classify jellies.	02	1	2
	g	Classify dentifrices based on its use.	02	1	2
	h	Enlist various steps involved in processing of parenteral products.	02	1	5
Q.2		**Answer any Three out of Five (3x3)**	**09**		
	a	Define prescription and explain its parts.	03	2	1
	b	Write a brief note on ‘suspension produced by chemical reaction’.	03	2	2
	c	Describe suppositories bases.	03	2	2
	d	Give a brief account of eye makeup cosmetics along with ideal properties of eye makeup preparations.	03	2	2
	e	Write a short note on ‘Sterility testing’.	03	2	5
Q3		**Illustrate following with suitable example.** **Answer any Three out of Five (3x3)**	**09**		
	a	Point out incompatibility and suggest a suitable remedy: Rx Sodium benzoate……..5 g Caffeine citrate…….0.6 g Liquid extract of glycerrhiza……12 ml Water upto……30 ml Make a mixture (d) most of the emulsion	03	3	1
	b	Calculate dose of Amoxicillin for 4-year-old child whose adult dose is 500 mg	03	3	1

	c	Write a short note on ‘Cachets’	03	2	3
	d	What are different methods of preparation of syrups? Explain each in brief.	03	2	2
	e	What do you understand by the term ‘eye drops’? What precautions you should take while handling eyedrops?	03	2	5
Q.4		**Write a short note on following**	**06**		
		Answer any Two out of Three (3x2)			
	a	How is flocculated suspension differentiated from non-flocculated suspension?	03	2	2
	b	Define ‘displacement value of medicament’. Calculate the displacement value of ZnO if the weight of six unmedicated suppositories is 6 g and the weight of six suppositories containing 40% of Zinc oxide is 8.8 g	03	3	2
	c	Define suspension. Explain the storage and labelling conditions of various suspensions.	03	2	3
Q.5		**Discuss the following**			
		Answer any Two out of Three (3x2)	**06**		
	a	Write a short note on dusting powder.	03	2	2
	b	Enlist various monophasic liquid dosage forms for internal use and explain any one out of them.	03	2	2
	c	Differentiate between antiperspirants and deodorants.	03	2	2
Q6.		**Long answer questions**			
		Answer any Two out of Four (4x2)	**08**		
	a	Enlist the tests used for identification of emulsion type. Explain any one test in detail.	04	2	2
	b	What do you mean by the term therapeutic incompatibilities? Explain any three therapeutic incompatibilities.	04	2	1
	c	Give advantages of suppositories. Give a brief account on ‘Glycerogelatinsuppositories’.	04	2	2
	d	What are pyrogens? Explain LAL test in detail.	04	2	5