

**Registration Examination Syllabus for the Registration Examination of
the Royal Pharmaceutical Society**

SYLLABUS SECTION	LEARNING OUTCOMES
Syllabus Section 1 - Professional and legal practice Part I - Professional practice of pharmacy	
a) RPSGB Code of Ethics	You must be able to demonstrate an understanding of, and be able to interpret, all parts of the Code of Ethics: <ul style="list-style-type: none"> • the service specifications described in part 3
	<ul style="list-style-type: none"> • the concepts of ethical decision-making, liability, accountability and professional responsibility as described in part 1
	<ul style="list-style-type: none"> • the standards of professional performance described in part 2
	<ul style="list-style-type: none"> • the standards of good professional practice described in the Practice guidance section of The Medicines, Ethics & Practice guide
b) Clinical governance	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the purpose and principles of clinical governance
	<ul style="list-style-type: none"> • the application of clinical governance in pharmacy practice
c) Continuing Professional Development (CPD) in pharmacy	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the meaning of lifelong learning You must be able to demonstrate an understanding of:
	<ul style="list-style-type: none"> • the purpose and principles of clinical governance
	<ul style="list-style-type: none"> • the RPSGB system for undertaking and recording professional development
d) Principles of audit	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the purpose and process of audit and its application in improving practice
	<ul style="list-style-type: none"> • the training and/or qualifications required for such roles
Syllabus Section 1 - Professional and legal practice Part II - Legal aspects of providing a pharmaceutical service	
a) Sale and supply of medicines	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the legal requirements for the sale and supply of medicines and controlled drugs from pharmacies
	<ul style="list-style-type: none"> • the legal requirements for the sale and supply of poisons, chemical reagents and spirits from pharmacies

	<ul style="list-style-type: none"> the requirements for the labelling and packaging of all the above substances
	<ul style="list-style-type: none"> the requirements for the supply of supplementary information for all the above substances
	<ul style="list-style-type: none"> the requirements for dealing with medicines returned to the pharmacy
b) Conditions for operating a registered pharmacy	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> the requirement to register a pharmacy
	<ul style="list-style-type: none"> the meaning and application of supervision and personal control
	<ul style="list-style-type: none"> the role of the superintendent pharmacist
c) National Health Service	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> aspects of NHS legislation of relevance to pharmacy * <p>*An information pack about the NHS for preregistration trainees is available on the prereg part of the Society's website www.rpsgb.org/preregtraining (follow link to examination)</p>
d) Health and safety	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> the employer and employee's legal responsibilities for the health and safety of themselves and others
	<ul style="list-style-type: none"> the principles of risk assessment and management
e) Environmental protection	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> aspects of legislation that pertain to the safe disposal of special and controlled waste from the pharmacy
f) Consumer protection	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> aspects of legislation that pertain to the protection of consumers of pharmacy related products and services
g) Data protection and health records	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> aspects of legislation that pertain to the keeping and disclosure of data on computer and other recording systems
Syllabus section 2 - Clinical and pharmaceutical practice Part I - Clinical practice	
a) Evidence-based practice	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> the principles of obtaining and applying evidence to inform and enhance practice
b) Action and uses of drugs	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> the mechanism of action, administration, absorption, distribution, metabolism and excretion of commonly prescribed and purchased licensed medicines
	<ul style="list-style-type: none"> the principle uses of these medicines

	<ul style="list-style-type: none"> • correct dosages and dose adjustments for patients with particular needs because of their age or condition
c) Non prescription remedies	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the actions and licensed uses of medicinal products available without prescription that are commonly used to treat minor ailments
d) Differentiating minor illness from more serious disease	<p>You must be able to identify and to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the symptoms of conditions that require referral to a medical or other healthcare practitioner
e) Adverse effects of medicines (see also section 3 item e)	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the recognised adverse effects of commonly prescribed and purchased medicines
f) Contra-indications	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the circumstances in which commonly prescribed and purchased licensed medicines are contra-indicated
g) Drug interactions	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the principle interactions that can occur between medicines, prescribed and purchased, and between these medicines and foods or other substances
h) Counselling requirements	<p>You must be able to identify and demonstrate an understanding of :</p> <ul style="list-style-type: none"> • circumstances or situations in which patients or other clients require information
	<ul style="list-style-type: none"> • the nature of that information and the most appropriate way to provide it to the individual
i) Optimising patients' drug therapy	<p>understanding of:</p> <ul style="list-style-type: none"> • the purpose and principles of medicines management and pharmaceutical care
j) Interpretation of test results	<p>You must know, demonstrate an understanding of and be able to interpret:</p> <ul style="list-style-type: none"> • the normal ranges for blood pressure and key blood components
	<ul style="list-style-type: none"> • the normal ranges for therapeutic blood levels of drugs with a narrow therapeutic index
	<ul style="list-style-type: none"> • the normal ranges for key parameters of bodily function
	<ul style="list-style-type: none"> • the implications of figures outside these ranges
k) Health promotion and disease prevention	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the concepts of health promotion and health education
	<ul style="list-style-type: none"> • recommendations for key health parameters
	<ul style="list-style-type: none"> • the basis for health improvement programmes
	<ul style="list-style-type: none"> • the social, environmental, lifestyle and dietary factors that

	influence health
	<ul style="list-style-type: none"> • how awareness of the stages of behavioural change can help the pharmacist to make interventions appropriate to the individual
	<ul style="list-style-type: none"> • actions the pharmacist and pharmacy support staff can take to promote health and prevent disease
Syllabus Section 2 - Clinical and pharmaceutical practice	
Part II - Pharmaceutical aspects of practice	
a) Calculation	<p>You must be able to:</p> <ul style="list-style-type: none"> • perform accurately all types of calculations relating to pharmacy practice* <p>*see examination guidance notes</p>
b) Dilution	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the correct procedures for the dilution of solid, semi-solid and liquid dosage forms, including selection of the correct diluent
c) Formulation and preparation	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • how to develop a suitable formula for preparing sterile and non-sterile products in community and hospital practice
	<ul style="list-style-type: none"> • how to apply suitable methods and procedures for the preparation of sterile and non-sterile products in community and hospital practice
d) Good dispensing practice	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the principles and practices involved in ensuring an accurate and efficient dispensing process
e) Special Handling Requirements	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the additional precautions necessary when preparing and dispensing cytotoxic and other products requiring health and safety precautions
f) Stability of dispensed preparations	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the factors affecting the stability of medicinal products (including those dispensed extemporaneously) and the impact of these factors on storage and labelling
Syllabus Section 3 - Systems and procedures	
a) NHS funding for pharmacy services	<p>You must be able to demonstrate an understanding of:</p> <ul style="list-style-type: none"> • the Drug Tariff, why it is used and how
	<ul style="list-style-type: none"> • the procedure for checking the validity of exemptions claimed
	<ul style="list-style-type: none"> • the procedure for obtaining the correct charges for

	prescriptions
b) Prescribing guidelines, data and formularies	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the purpose of prescribing guidelines and of data from pricing authorities
	<ul style="list-style-type: none"> • the purpose of local formularies
	<ul style="list-style-type: none"> • the sources of evidence used in the development of prescribing guidelines, data and formularies
c) Operating procedures in primary and secondary care	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the reasons for standardising operating procedures in hospital and community pharmacies
	<ul style="list-style-type: none"> • the main areas covered by such procedures/protocols
d) Quality Assurance of stock	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the principles of and methods for assuring the quality of pharmacy products and materials supplied to and from the pharmacy
e) Responding to adverse drug reactions	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the correct actions to take in response to a client reporting an adverse drug reaction, including the national reporting scheme
f) NHS complaint procedures	You must be able to demonstrate an understanding of: <ul style="list-style-type: none"> • the principles of the NHS complaint procedure with reference to complaints about pharmaceutical service