

**PAPER PATTERN (MBBS/BDS)**

<b>S/No</b>	<b>Subject</b>	<b>No of MCQs</b>
<b>1.</b>	<b>CHEMISTRY</b>	<b>45</b>
<b>2.</b>	<b>BIOLOGY</b>	<b>70</b>
<b>3.</b>	<b>PHYSICS</b>	<b>45</b>
<b>4.</b>	<b>ENGLISH</b>	<b>20</b>
	<b>TOTAL</b>	<b>180</b>

## TABLE OF SPECIFICATION

### PHYSICS

S/No	TOPIC
1.	Physical quantities and units
2.	Forces
3.	Fluid dynamics
4.	Light
5.	Waves
6.	Radioactivity
7.	Deformation of solids
8.	Ideal gases
9.	Heat and thermodynamics
10.	Electronics
11.	Current electricity
12.	Magnetism and electromagnetism
13.	Medical imaging
14.	Nuclear Physics

## TABLE OF SPECIFICATION

### (CHEMISTRY)

S / No	TOPIC
	<b><u>PHYSICAL CHEMISTRY</u></b>
1.	Fundamental concepts
2.	States of matter
3.	Atomic structure
4.	Chemical bonding
5.	Chemical energetics
6.	Solutions
7.	Electrochemistry
8.	Chemical equilibrium
9.	Reaction kinetics
	<b><u>INORGANIC CHEMISTRY</u></b>
1.	s and p Block elements
2.	d and f block elements
3.	Elements of Biological Importance
	<b><u>ORGANIC CHEMISTRY</u></b>
1.	Fundamental Principles
2.	Hydrocarbons
3.	Alkyl Halides
4.	Alcohols and Phenols
5.	Aldehydes and Ketones
6.	Organic nitrogen compounds
7.	Carboxylic Acid
8.	Biochemistry
9.	Environmental Chemistry

## TABLE OF SPECIFICATION

### (BIOLOGY)

S/No	TOPIC
1.	Cell Biology
2.	Cell membrane and transport
3.	Biological molecules
4.	Microbiology
5.	Kingdom Animalia
6.	Human Physiology
7.	Infectious diseases
8.	Bioenergetics
9.	Biotechnology
10.	Ecosystem
11.	Evolution and Genetics

**ENGLISH**  
**STRUCTURE OF THE SYLLABUS**  
**F.Sc. and Non-F.Sc.**

The English section shall consist of four parts:

**Part I:**

- The candidate will have to select the appropriate/suitable word from the given alternatives.

**Part II:**

- It will contain sentences with grammatical errors and the candidate will have to identify the error.

**Part III:**

- Each Question consisting of a list of four sentences each. The candidate will have to choose the grammatically correct sentence out of the given four options.

**Part IV:**

- In this part, the candidate will be asked to choose the right synonyms. Four options will be given and He/ She will have to choose the most appropriate one.

**Nursing and Allied Health Sciences**

<b>Sr. No.</b>	<b>Category/ Admission Program</b>	<b>Subjects</b>	<b>No of MCQs</b>
<b>01</b>	<b>B. Sc Nursing (Generic)</b>		<b>150</b>
	<b>and</b>		
	<b>B. Sc (Hons) Cardiac Perfusion</b>	<b>A: Physics</b>	<b>35</b>
	<b>and</b>	<b>B: Chemistry</b>	<b>35</b>
	<b>B. Sc (Hons) Medical Lab Technology – FSC Pre Medical</b>	<b>C: English</b>	<b>20</b>
		<b>D: Biology</b>	<b>60</b>