

**SYLLABUS FOR SSR MEDICAL ASSISTANT**

<b><u>S.No.</u></b>	<b><u>SCIENCE</u></b>	<b><u>BIOLOGY</u></b>	<b><u>ENGLISH</u></b>	<b><u>GENERAL AWARENESS</u></b>
01.	Physical World and Measurement, Kinematics, Laws of Motion, Work, Energy and Power, Motion of system of particles and Rigid body/Gravitation	Sexual Reproduction in flowering plants, Male and Female reproductive system, Gametogenesis, Menstrual Cycle, Fertilisation and Implantation, Pregnancy and embryonic development	Passage, Preposition, Correction of sentences, Change active to passive/passive to active voice	Culture and Religion, Geography: Soil, Rivers, Mountains, Ports, Inland Harbours, Freedom Movement
02.	Mechanics of Solids and Fluids, Heat Thermodynamics, Oscillations, Waves, Electrostatics, Current Electricity	Parturition and lactation, Reproductive Health, Medical termination of pregnancy, sexually transmitted diseases and Infertility, Principles of inheritance and Variation	Change direct to indirect/Indirect to direct, Verbs/Tense/Non finites, Punctuation	Sports: Championships/Winners/Terms/ No of players, Defence, Wars and neighbours, Current Affairs.
03.	Magnetic Effect of Current and Magnetism, Electromagnetic induction and alternating current, Electromagnetic waves	Mutation and genetic disorders, Molecular basis of inheritance, Regulation of Gene expression, human genome Project and DNA fingerprinting, Evolution, Human Health and Disease	Substituting phrasal verbs for expression, synonyms and antonyms, meaning of difficult words	Important National Facts about India Heritage, Arts, Dance, History, National Language, Bird, Animal, Song, Flag, Monuments, Capitals and currencies.
04.	Optics, Dual nature of matter and Radiations, atomic nucleus/solids and semiconductors devices, Principles of communication	Drug and alcohol abuse, microbes in human welfare, principles of biotechnology, Tools and processes of Recombinant DNA Technology, Biotechnology and its applications.	Use of adjective, Compound preposition, Determiners (use of a, the, any etc), use of pronouns.	Common names, Full forms and abbreviations, Discoveries, Disease and Nutrition, Award and Authors, Eminent Personalities
05.	Metals and Nonmetals, Organic Chemistry, Food, Nutrition and Health, Physiology and human diseases, Computer Science.	Organism and population, Ecosystem, Energy flow and ecological pyramids, Biodiversity, Biodiversity Conservation		Spatial, Numerical Reasoning and associative ability, Sequences, Spellings, Unscrambling, Coding and Decoding.