

Vadodara Municipal Corporation

Name of Post: X-Ray Technician

Written Exam Syllabus

Tentative Exam Date 15-12-2019

| Questions: 100 | | Total Marks: 200 | Duration: 2 hrs |
|----------------|---|--------------------|-----------------|
| S. No. | Subject Description | Marks | |
| 1. | General Knowledge | 20 | |
| 2. | GPMC Act / Government Regulations (Health related) | 20 | |
| 3. | Questions related to Radiography and Radiology | 140 | |
| | <ul style="list-style-type: none">• Anatomy, Physiology, Biochemistry• Pathology, Microbiology• Introduction to Radiography• Environmental Science• Generation and Properties of X-Ray• Radiation Physics, Physics of Radiology• Imaging Techniques• Different Radiographic Techniques• Ultrasound Imaging• Doppler and Echography• Radiographic Photography• Computed Tomography• Magnetic Resonance and Imaging• Nuclear Medicine and PET Scan Radio-diagnosis• Interventional in Diagnostic Radiology• Anesthesia in Diagnostic Radiology• Radiation Hazards and Protection• Fundamentals of computer science• Biostatistics | | |
| 4. | Advances in the field of Radiography and Radiology | 20 | |
| | | Total Marks | 200 |

Note: Each right answer will be given 2 marks. Negative marks for wrong answer – 0.5 marks.