(Following Paper ID and Roll No. to be filled in your Answer Books)  Answer Books)  Roll No.
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Theory Examination (Semester-VIII) 2015-16

Max. Marks: 100

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(2×10-20)

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  - $\Xi$ 9
  - What are good laboratory practices?
- Explain the parameter of cardiac measurement?
- What do you understand by behavior change?
- Write a short note on patient care?
- Section-B
- Attempt any five parts. All parts carry equal marks: (5×10=50)
- What are the effective methods to monitor cardiowhich monitors the working of cardiovascular vascular parameters? Discuss the instrumentation
- mentation? potential? How does it help in biomedical instru-What do you understand by source of bioelectric

Describe the role of computer in biomedical instru-

mentation with the help of suitable examples.

Describe its role for monitoring and measurement

intervention.

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- What do you understand by bioelectric potential? œ Describe the behavioral parameters. How does the inscribe the emission of radiation from any radio nuclei What do you understand by radioactive- tracers. Deof suitable example. used in radiotherapy and its measurement with the help
  - change with the help of an example? strumentation work for monitoring the behavioral changes
- Write down the safety rule of medical equipment and their categorization
- Explain the principle, working and advantages of CT-SCAN and MRI.

9

Write down the principle and purpose of electrical safety of medical equipment?

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# Section-C

Note: Attempt any two questions from this section.

(2×15=30)

What do you understand by X-rays? Define its role in in medical field. diagnostics and explain its advantages and disadvantages

Q.3.

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