

2017

M. Sc.

1st Semester Examination

BIO-MEDICAL LABORATORY SCIENCE AND MANAGEMENT

PAPER—BLM-103

Subject Code—22

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer Q. No. 1 and any *three* of the following.

1. Answer any *ten* questions of the following : 10×1

- (a) Write the name of the agency that formulate the protocol for human ethical clearance of the project in our country.

(Turn Over)

- (b) Write the full form of CPCSEA.
- (c) What is research ethics ?
- (d) What do you mean by confidentiality of patient data ?
- (e) Write the designation of any two external member of Institutional ethical committee.
- (f) What do you mean by cross checking of the method in diagnostic lab. from the view point of Lab. Ethics ?
- (g) What do you mean by patient information on the basis of Lab. data ?
- (h) Define data reproducibility.
- (i) Define IEC ?
- (j) What do you mean by Co-operation among lab. staff from the domain lab. ethics ?
- (k) Write any one importance of bio-safety.
- (l) If haemolyzed serum is corrected from one sample, Which duty would be performed by Lab. Technician from Lab. ethical point of view.
- (m) What is the importance of quality data in general.

- (n) Write any one importance of ISO accreditation of the Laboratory.
- (o) Which Ministry control the activity of LPCSEA ?
2. (a) Write the importance of human ethic committee to run a project in this concern.
- (b) Why animal ethical committee is vital in an laboratory ?
- (c) Write the designation of the internal member under IEC. 4+4+2
3. (a) What do you mean by privacy of patient data ?
- (b) State the importance of privacy of data.
- (c) What would be the behaviour of Lab. Technologist as per Lab. ethics ? 3+2+5
4. (a) Write the accountability of Lab. Technologist for the production of result.
- (b) Discuss the bio-safety of srigh risk sample processing.
- (c) State the code of conduct of Lab. Technologist as per Lab. ethics. 3+3+4

5. (a) State the responsibility of Lab. Technologist in emergency situation in connection with Lab. ethics.
- (b) "Patient education is one of the domain of Lab. Technologist for sample processing in quality manner"—Justify the statement from ethical point of view. 5+5
6. (a) What do you mean by confidentiality of patient information and test result?
- (b) What are the major domains of human ethics. 5+5
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