## M.Sc. 4th Semester Examination, 2013

### BIO-MEDICAL LABORATORY SCIENCE AND MANAGEMENT

PAPER—402 (Unit-28)

*Full Marks* : 40

*Time* : 2 hours

Answer **all** questions

*The figures in the right-hand margin indicate marks*

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

*Illustrate the answers wherever necessary*

MODULE – I

1. Answer any *five* of the following :          1 × 5

   (a) Define information.

   (b) What do you mean by record linkage ?

   (c) Define strategy.

(d) What do you mean by hospital record ?

(e) What do you mean by intelligence ?

(f) What is monitoring ?

(g) What do you mean by management ?

(h) What do you mean by evaluation of programme ?

2. (a) Write the components of health care information system.

(b) State the uses of health care information system.

(c) What are the sources of health care information system ?                3 + 3 + 2

*Or*

(a) Write the man-power of primary health centre.

(b) Write the different steps adopted for the formulation of health planning to solve health problem in a specific sector of the community.

    (c) State the basic differences between health care and medical care.      2 + 4 + 2

3. (a) Write the present strategies adopted for health status upgradation of the community with special reference to rural and urban sector in our state.

    (b) Write the health care services delivered at the village level.      4 + 3

*Or*

    (a) State the national health policy.

    (b) State the importances of disease registration.

    (c) Write in brief about sample registration system.      3 + 2 + 2

## MODULE – II

4. Answer any *five* of the following :      1 × 5

    (a) What is C-value paradox ?

    (b) Write the full form of SINE, LINE.

(c) What is Junk DNA ?

(d) What is retro transposition ?

(e) Write the full form of EMBL and BCR.

(f) What do you mean by non-coding sequence of gene ?

(g) Define chemo informatics.

(h) Define proteomics.

5. (a) What is human genome project ?

(b) "Proteomics is important than genomics" Justify the statement.

(c) Write the names of regulatory sequences that control the gene expression procedure.

2 + 4 + 2

*Or*

(a) What do you mean by keyboarding and online keyboarding ?

(b) Write the transcribing and retranscribing of any trouble some report.

(c) Define metabolomics.      3 + 3 + 2

6. (a) Describe the cell model generation by chemoinformatics.

   (b) What do you mean by 'Meta Data Base' and 'Primary Data Base' ?

   (c) What is oncogenic material ?      3 + 2 + 2

*Or*

(a) Describe in brief about parasite bio informatics.

(b) State in brief on computer graphics.

(c) What do you mean by 'Turn-in' for grading ?

                   3 + 2 + 2

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