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C/15/M.Sc./4<sup>th</sup> Seme./BLM-402(U-28)

**M.Sc.**

**2015**

**4th Semester Examination**

**BIOMEDICAL LABORATORY SCIENCE AND MANAGEMENT**

**PAPER—BLM-402 (UNIT-28)**

*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 all questions.**

**( Module — 1 )**

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

- (a) What do you mean by data ?
- (b) Write the different tiers in Indian health care system.
- (c) What do you mean by record linkage ?
- (d) What do you mean by strategy ?

*(Turn Over)*

- (e) Write any two examples of paramedical manpower in healthcare system.
  - (f) Write one of the objective of disease registration.
  - (g) Define Policy.
2. (a) How 'National level data bank' is formulated regarding health care services provided to the community ?
- (b) Describe the applied value of health care information system.

Or

- (a) What do you mean by 'Hospital record' ? Describe the importances 'Health man power statics' in health care system ?
  - (b) What do you mean by 'Mecido-legal problem' ?
- (2+4)+2
3. (a) Describe the strategies adopted to improve primary health care service delivery to the community with special reference to plate scenario.
- (b) Write the major objective of primary health centre.
- 4+3

Or

- (a) Describe in brief about 'Sample registration system'.
  - (b) Write the success of 'National Health Policy' critically.
- 3+4

**( Module — 2 )**

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

- (a) What do you mean by Gene Cards ?
- (b) What is Swiss Port ?
- (c) Give full form of DDBJ and EMBL.
- (d) Define reversal chemogenomics.
- (e) What do you mean by S N Pedia ?
- (f) What is C-value paradox ?
- (g) What do you mean by Swiss Port ?

5. (a) Describe the resolutions of human genome project.  
(b) Describe the application of cheminformatics.

5+3

Or

- (a) Write the secondary structure of protein in brief.
- (b) Describe 'Ramachandan Plot'.

5+3

6. (a) Describe in brief about MGI mouse genome database.  
(b) Discuss in short about alternative intron splicing.

4+3

Or

- (a) Discuss about the Primary sequence databox.
- (b) How euchromatin and heterochromatin are related to the genetic disorder in male and female. 3+4
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