

**Bio-Medical Laboratory Science and Management
MSc. Part-II Examination, 2007**

HEALTH CARE MANAGEMENT, BIOINFORMATICS
AND MEDICAL TRANSCRIPTION

PAPER-XII/U-24

Full Marks : 50

Time : 2 hours

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 and answers wherever necessary

UNIT-24

Answer **Q. No. 1** and any *four* from the rest

1. Answer any *five* **questions** : 2×5
- (a) What is meant by online keyboarding ?
 - (b) What is DNA probe?
 - (e) What is health awareness ?

- (d) Write the full form of. P.P.B.G.L; HDL, LPL and CAT.
- (e) What. is **health care** ?
- (f) Write the names of any two parameters used for evaluation of health services.
- (g) Write the .names of any two parameters for skill **assessment** of Bio-Medical Laboratory Workers.
- (h) Write few lines on `National Health Policy' at village level.
2. (a) Write the components of health care information system.
- (b) Write **in brief about data, information and intelligence.** 4+6
- (a) Write **the definition of genomics.**
- (b) What do you **mean by medical genomics** ?
- (c) What is pharmacogenomics ? 3+4+3
4. (a) **What is Metabolomics**
- (b) **Describe in brief the application of metabolomics** in Bio -Medical Lab. Science.
- (c) What is Western blotting? 2+6+2

5. (a) Describe in brief the fundamentals of PCR.
- (b) Write the application of PCR in Bio-Medical Lab. Science. 7+3
- (a) What is Southern blotting?
- (b) Describe the early diagnosis of Herpes Simplex virus infection by using Southern blotting. 3+7
- (a) What are incidence rate, prevalence rate, survival rate and case fatality rate ?
- (b) How does it actually focus on the health service delivery by the nation ? (1+1+1+1)+6