

E-0414

Sub. Code

1BMC6C1

B.Sc DEGREE EXAMINATION, APRIL 2019

Sixth Semester

Microbiology and Clinical Lab Technology

DIAGNOSTIC TECHNIQUES

(CBCS – 2012 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. Define Lab safety.
2. Role of Laminar Airflow in Microbiology.
3. What is Quality control?
4. Define specimen.
5. What is the contribution of weiner?
6. What is Antigen – Antibody complex give example?
7. What is Metal toxin give Example?
8. What is drug screening?
9. Define Hybridization give Example?
10. What are the two laws for spectrophotometer.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write Basic equipments in Microbiology lab?

Or

- (b) Give an account on lab safety Measures?

12. (a) What are the Instruction to Maintain lab Records.

Or

- (b) What are the procedure involved in specimen handling?

13. (a) Explain about Rh factor?

Or

- (b) Explain general characteristics of Erythrocytes.

14. (a) Explain the Role of Toxicology in Laboratory?

Or

- (b) Write short note on screening of Heavy Metals?

15. (a) Demonstrate on HPLC with neat sketch?

Or

- (b) What are the types of centrifuge?

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain a brief account on the Role of Microbiology lab in Diagnostic Techniques
 17. Explain the followings:
 - (a) Good Laboratory practice
 - (b) Statistical quality control
 18. Describe in detail about the components of blood and their functions.
 19. Explain about Heavy Metal poisoning?
 20. Brief account on Types and Application of PCR.
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E-0415

Sub. Code

1BMC6C2

B.Sc DEGREE EXAMINATION, APRIL 2019

Sixth Semester

Microbiology and Clinical Lab Technology

HUMAN RESOURCE MANAGEMENT

(CBCS – 2012 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define outsourcing.
2. What is a policy?
3. What is culture?
4. What is equifinality?
5. What is domain?
6. Define demand forecasting.
7. What is ethnocentric approach?
8. What is repatriation?
9. Write any two disadvantages of VO.
10. Define virtual organization.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Emphasize the importance of human factor.

Or

- (b) Discuss the role of HR Manager.

12. (a) Write the importance of HRP.

Or

- (b) Give details on HRP requisites for successful HRP.

13. (a) Write an account on enacted environment.

Or

- (b) What is environment scanning? Explain.

14. (a) Explain about the recruitment and selection in IHRM.

Or

- (b) Write about the Key issues in international Labour relations.

15. (a) Write the features of Virtual organization.

Or

- (b) What are the advantages of virtual organization?

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the importance and significance of HR Policy.
17. What are the factors affecting HRP? Explain in detail.

18. Explain in detail about the factors influencing HR activities.
 19. What are the steps involved in the international HR activities.
 20. Explain the virtual organization and find out the advantages and disadvantages of virtual organization.
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