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BHT-012

**CERTIFICATE IN PHLEBOTOMY
ASSISTANCE (CPHA)**

Term-End Examination

June, 2024

BHT-012 : HANDLING OF BLOOD SAMPLES

Time : Three Hours

Maximum Marks : 70

Note : Both Part A and Part B are compulsory.

Part—A

*Note : Answer any **one** of the following questions
within **1200** words. $10 \times 1 = 10$*

1. (a) Enlist the error which may occur during following phase of laboratory testing process :
 - (i) Pre-analytical
 - (ii) Post-analytical

- (b) Explain the factors to minimize the pre-analytical error. $3+7=10$

P. T. O.

Or

2. (a) List any ***eight*** adverse reactions due to blood sampling.
- (b) Describe the management of any ***two*** adverse reactions. $2+4+4=10$

Part—B

Note : Write short notes on any ***ten*** of the following questions within ***600*** words each : $6 \times 10 = 60$

3. Discuss the instructions to be given to patient for following tests : $4+2=6$
- (a) Fasting blood test (FB)
- (b) Postprandial test (PP)
4. (a) Describe needle stick injury. $3+3=6$
- (b) Explain the 'First Aid' and management including follow-up for person encounter with needle stick injury.
5. (a) Describe the stock taking. $2+4=6$
- (b) Explain planning and provisioning of supplies based on demand and consumption.
6. Explain the prophylactic treatment is case of emergencies during drawing blood sample. 6
7. Differentiate between 'infection' and 'disease.' 6

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8. Discuss about the use of personal protective equipments and safe removal. 6
9. Discuss various approaches to disease prevention and control. 6
10. Explain about the active immunization and passive immunization. 4+2=6
11. Explain the categories of Bio-Medical wastes (BMW). 6
12. Describe the steps involved in Bio-Medical Waste management. 6
13. Discuss the roles and responsibilities of phlebotomist. 6
14. Explain basic concept of Electronic Medical Records (EMR). 6