Part B: Structured Essay Questions (60 marks)

Q1. Animal ethics plays a crucial role in advancing medical knowledge and treatments however it raises major ethical concern regarding animal wellbeing and necessity of using animals in experiments.

1.1 List the four (04) major steps in ethical justification. (04 Marks)

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1.2 List two (02) animals used in animal experiments in laboratories giving examples for each research area. (02 Marks)

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1.3 State and define the 3R principles in animal research. (06 marks)

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1.4 Discuss four (04) ethical issues involving animal research/ experiments. (08 marks)

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(Total 20 marks)

Q2. Continuous Professional Development (CPD) is important to ensure the improvement and maintenance of knowledge and skills in healthcare professional.

2.1 Define the term 'Continuous Professional Development' (CPD). (02 Marks)

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2.2 List Three (03) types of CPD programs. (06 Marks)

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2.3 State four (04) steps of CPD evaluation. (04 Marks)

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2.4 Explain the properties of an effective CPD program. (08 marks)

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(Total 20 marks)

Q3. Ethics for human subjects in research ensures the safety rights and wellbeing of the participants.

3.1 List four (04) codes for protection of human subjects in research. (04 marks)

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3.2 Define the term 'Bioethics'. (02 Marks)

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3.3 State six (06) principles of Bioethics. (06 Marks)

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3.4 Explain the difference between experimental and evidence-based medicines. (08 Marks)

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(Total 20 marks)

Part C: Essay Questions (20 marks)

Q1. Describe the "**stages of team development**" giving examples and illustrations.

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