The Question Paper shall consist of 70 questions carrying 70 marks and are based on the following topics namely: -

(1) The Pharmacy Laws……**30marks**

a. The Pharmacy Act 1983
b. The Dangerous Drugs Act 2000
c. The Pharmacy Council Act 2015
d. Pharmacy Council (Continuing Professional Development) Regulations 2018
e. Pharmacy Council (Code of Practice) Regulations 2021
f. Laws regulating Intellectual Property Rights in Mauritius

(2) The Pharmacy Practice…….....**30marks**

a. Bookkeeping DD register & Antibiotics register & Poison register
b. Communication Skills
c. PRESCRIPTION PROCESSING AND PRODUCT PREPARATION
d. MEDICATION / PATIENT SAFETY PRACTICES
e. PRESCRIPTION READING
f. VETERINARY PRODUCTS
g. Wholesale Pharmacy Management
h. Disposal of Pharmaceutical waste & expired product & Log Book
i. Hospital Pharmacy management
j. Regulatory Affairs
k. Infection, Prevention and Control
l. Case study related to applied Pharmacology And Pathology
m. Applied Pharmaceutics

(3) Miscellaneous……..**10marks**

a. Toxicology
b. Drug Addiction
c. Principle of Pharmaceutical Care & training
d. Data protection Act
e. Anti-Doping laws
f. Clinical trial acts
g. Consumer protection laws
h. LITERATURE EVALUATION / RESEARCH METHODS / EVIDENCE-BASED DECISION-MAKING (including PHARMACOEPIDEMIOLOGY)
i. SPECIAL POPULATIONS
j. RADIOPHARMACEUTICAL

Question 1

The Pharmacy Board shall consist of- *Answer A*

A. The Chief Medical Officer, The Chief Pharmacist, 5 Pharmacists, A Law officer & A Registrar
B. The Chief Medical Officer, The Chief Pharmacist, 3 Pharmacists, A Law officer & A Registrar
C. The Chief Medical Officer, The Chief Pharmacist, 5 Pharmacists & A Law officer
D. The Chief Pharmacist, 5 Pharmacists, A Law officer & A Registrar

Question 2

No person shall operate a Pharmacy unless- *Answer D*

A. He is a Pharmacist
B. He holds a Pharmacy License
C. There is a Pharmacist in charge of the Pharmacy
D. He holds a License & there is a Pharmacist in charge of the Pharmacy

Question 3

Where the Pharmacist considers that an authorised person has made an evident error on a prescription, what shall he do? *Answer B*

A. He shall dispense the drug
B. He shall delay the execution of the prescription and refer the matter immediately to such person for confirmation.
C. He shall dispense the prescription to the person offering to pay in cash
D. He shall return the prescription to the patient, telling the patient to go to another pharmacy.

Question 4

Every person who sells an antibiotic shall – *Answer A*

A. Keep an Antibiotics Book & make a record of every sale or supply in the book
B. Dispense antibiotics over the counter
C. Dispense antibiotics to the person offering to pay in cash
D. Not make any records

Question 5

Temporary absence of a Pharmacist means- *Answer B*

A. A period of absence exceeding 2 hours in a day
B. A period of absence not exceeding 2 hours in a day
C. A period of absence exceeding 4 hours in a day
D. A period of absence not exceeding 4 hours in a day

Question 6

Classification of dangerous drugs are being classified according-*Answer A*

A. Upon the degree of seriousness of the risk to public health or of a medical use for it
B. Upon the dosage form
C. Upon their specific names
D. Upon their precursors

Question 7

No authorised person shall prescribe any dangerous drug- *Answer C*

A. For a period exceeding 10 days in the case of drugs listed in Schedule II
B. For a period exceeding 9 days in the case of drugs listed in Schedule II
C. For a period exceeding 14 days in the case of drugs listed in Schedule II
D. For a period exceeding one month in the case of drugs listed in Schedule II

Question 8

No authorised person shall prescribe any dangerous drug- *Answer D*

A. For a period exceeding 10 days in the case of drugs listed in Schedule III
B. For a period exceeding 9 days in the case of drugs listed in Schedule III
C. For a period exceeding 14 days in the case of drugs listed in Schedule III
D. For a period exceeding one month in the case of drugs listed in Schedule III

Question 9

Every document required to be kept under the Dangerous Drug Act shall be preserved- *Answer C*

A. 6 years from the date on which the last entry is made
B. 10 years from the date on which the last entry is made
C. 5 years from the date on which the last entry is made
D. 7 years from the date on which the last entry is made

Question 10

The Pharmacy Council shall consist of- *Answer A*

A. 3 Pharmacists from the public sector, 5 Pharmacists from the private, a Pharmacist posted at the Ministry, a representative of the PMO, a representative of the TEC, 3 other persons to be appointed by the Minister
B. 2 Pharmacists from the public sector, 5 Pharmacists from the private, a Pharmacist posted at the Ministry, a representative of the PMO, a representative of the TEC, 3 other persons to be appointed by the Minister
C. 3 Pharmacists from the public sector, 3 Pharmacists from the private, a Pharmacist posted at the Ministry, a representative of the PMO, a representative of the TEC, 3 other persons to be appointed by the Minister
D. 3 Pharmacists from the public sector, 4 Pharmacists from the private, a Pharmacist posted at the Ministry, a representative of the PMO, a representative of the TEC, 3 other persons to be appointed by the Minister

Question 11

The Mandate of the Pharmacy Council Shall be- *Answer A*

A. To educate Pharmacists, To maintain discipline & To register Pharmacists
B. To issue Pharmacy License
C. To register Pharmaceutical Products
D. To reprimand Pharmacists

Question 12

No person shall embark on a Pharmacy study unless he/she has a minimum of- *Answer B*

A. 10 points at A Level
B. 21 points at A Level
C. 19 points at A Level
D. 15 points at A Level

Question 13

The yearly Licensee Fee for Registration as Pharmacist shall be- *Answer C*

A. Rs. 2500
B. Rs. 2100

C. Rs. 2000
D. Rs. 4100

Question 14

Members of the Tribunal under section 29 of the Pharmacy Council Act shall be- *Answer A*

A. 2 Pharmacists-one from the public sector & one from the private sector
B. 2 Pharmacists-two from the public sector only
C. 2 Pharmacists-two from the private sector only
D. 3 Pharmacists-one from the public sector & two from the private sector

Question 15

Every pharmacist shall follow approved CPD courses so as to accumulate not less than- *Answer A*

A. 9 credit points for every subsequent year
B. 6 credit points for every subsequent year
C. 8 credit points for every subsequent year
D. 7 credit points for every subsequent year

Question 16

The code of practice sets the standards of professional conduct for – *Answer A*

A. All pharmacists who are registered with the Pharmacy Council of Mauritius
B. All Pharmacies across the island of Mauritius
C. All Pharmacy Licensees across the island of Mauritius
D. Only Government Pharmacists

Question 17

The Code of Practice for Pharmacist is composed of- *Answer A*

A. 9 Parts
B. 10 Parts
C. 11 Parts
D. 12 Parts

Question 18

If a prescription is unclear, what shall the pharmacist do according to the code of Practice? *Answer A*

A. Always return to the prescriber for clarification /confirmation and if unable to accede to the prescriber-ensure that you write on the prescription-Handwriting not clear
B. Dispense the drugs on the prescription
C. Tell the person to go to another pharmacy
D. Dispense the drugs upon cash payment

Question 19

The Pharmacy Council has the responsibility to ensure that all pharmacists are having the required levels of expertise as they are trained in different countries where the regulatory requirements are not same in terms of community practice and ethics- *Answer C*

A. To register Pharmacists only
B. Through Continuous Professional Development –CPD only
C. Through examination-Pre –Registration syllabus and examinations & Through Continuous Professional Development –CPD
D. Through examination-Pre –Registration syllabus and examinations only

Question 20

Pharmacists- *Answer A*

A. Shall not sell Pharmaceutical Products above the affixed retail price & shall refrain from selling under the affixed retail price
B. Shall remove the retail price on the box
C. Shall sell Pharmaceutical Products above the affixed retail price
D. Shall sell Pharmaceutical Products by giving 10% discount

Question 21

Every pharmacist shall, as far as possible, *Answer A*

A. Sell the entire strip of medicines bearing the expiry date & batch number to their patients or clients, to promote patient safety, ensure the products sold otherwise are labelled accordingly with the relevant details of expiry dates and batch number & involve his patients or clients in the decisions regarding their health.
B. Sell only in box
C. Not to involve his patients or clients in the decisions regarding their health
D. Remove the expiry date from the box

Question 22

In case of shortage of drugs and pandemics, where the quality of life of the patients/clients can be at risk- *Answer A*

A. The pharmacist can substitute an equivalent generic in order to give access to the required medical treatment.
B. The pharmacist is not allowed to do generic substitution
C. The pharmacist may tell the client to go to another pharmacy to get the drugs
D. The Prescriber will forbid the Pharmacist to do generic substitution

Question 23

Every pharmacist shall – *Answer C*
A. disclose prescription information
B. disclose confidential information
C. Respect and protect the right of confidentiality of patients and clients acquired in the course of professional practice;
D. Not protect privacy of every patient during any counselling

Question 24

Intellectual property rights in Mauritius are protected by the- *Answer A*

A. 2019 Industrial Property Act, the 2014 Copyrights Act, and the 2002 Protection Against Unfair Practices (Industrial Property Rights) Act.
B. 2019 Industrial Property Act only
C. 2014 Copyrights Act only
D. 2002 Protection Against Unfair Practices (Industrial Property Rights) Act only

Question 25

The Customs Department requires owners or authorized users of patents, industrial designs, collective marks, marks or copyrights to apply in writing to the Director General to suspend clearance of any suspicious goods. Once an application is approved, it remains valid – *Answer D*

A. For a year.
B. For three years.
C. For four years.
D. For two years.

Question 26

The Functions of World Trade Organization include the following- *Answer A*

A. Work along with other international organizations like the World Bank, the IMF, etc. To offer member nations technical help in trade-related matters and to give them a forum on which to vote on future trade and tariff initiatives.
B. Do not work along with other international organizations like the World Bank
C. Not to create a comprehensive framework that addresses the diverse needs of the global community
D. Not to help its members use trade as a means to raise living standards, create jobs and improves people's lives.

Question 27

The Secretary-General of the United Nations is the depositary of **more than….** multilateral treaties which cover a broad range of subject matters such as human rights, disarmament and protection of the environment. *Answer A*

A. 560
B. 460
C. 360
D. 260

Question 28

What is the rule of patents act? *Answer C*
A. Every person, concerned in any proceedings to which the Act or these rules relate and every patentee, shall furnish to the Controller an address for service only.
B. Every person, concerned in any proceedings to which the Act or these rules relate and every patentee, shall not furnish to the Controller an address for service, including a postal address in Mauritius and an e-mail address, and such address for service shall be treated for all purposes connected with such proceedings
C. Every person, concerned in any proceedings to which the Act or these rules relate and every patentee, shall furnish to the Controller an address for service, including a postal address in Mauritius and an e-mail address, and such address for service shall be treated for all purposes connected with such proceedings
D. Every person, concerned in any proceedings to which the Act or these rules relate and every patentee, shall furnish to the Controller a false address for service, including a postal address in Mauritius and an e-mail address, and such address for service shall be treated for all purposes connected with such proceedings

Question 29
The TRIPS Agreement provides additional protection regarding- *Answer A*

A. Wines and spirits (Article 23), offering more thorough protection. Industrial designs (Section 4)
B. Wines and spirits (Article 23) only
C. Industrial designs (Section 4) only
D. The protection itself (Article 26) only

Question 30

Trademark infringement is defined- *Answer B*

A. as the unauthorized use of a trademark.
B. as the unauthorized use of a trademark or service mark. This use can be in connection with goods or services and may lead to confusion, deception, or a misunderstanding about the actual company a product or service came from.
C. connection with goods or services
D. as a misunderstanding about the actual company a product or service came from.

Question 31

The domains of pharmacy Practice are – *Answer C*

A. Clinical pharmacy and pharmaceutical care only.
B. Distributive, drug information, & self-care.
C. Distributive, drug information, self-care, clinical pharmacy and pharmaceutical care.
D. self-care & Clinical Pharmacy

Question 32

For instance, if the child weighs 20 kilograms and the prescription recommends a dose of 5 mg/kg, the total dose would be- *Answer D*

A. 20 kg divided 5 mg/kg = 4 mg dose (mg).
B. 20 kg X 10 mg/kg = 200 mg dose (mg).
C. 10 kg x 5 mg/kg = 50 mg dose (mg).
D. 20 kg x 5 mg/kg = 100 mg dose (mg).

Question 33

The methods used in calculating paediatric doses are- *Answer A*

A. Nomogram Method (Using a Child's Body Surface Area), Friend's Rule (Using the Child's Age in Months), Young's Rule (Using the Child's Age in Years) & Clark's Rule (Child's Weight in Pounds)
B. Friend's Rule (Using the Child's Age in Months) & Young's Rule (Using the Child's Age in Years)
C. Young's Rule (Using the Child's Age in Years) & Clark's Rule (Child's Weight in Pounds)
D. Nomogram Method (Using a Child's Body Surface Area) & Friend's Rule (Using the Child's Age in Months)

Question 34

Effective communication examples can be stated as- *Answer A*

A. active listening, giving and taking feedback, empathy, and respectfulness, responding to messages, having volume and clarity in messages, understanding non-verbal data, building friendliness and confidence, adapting your communication style to the audience
B. active listening, giving and taking feedback only
C. empathy, and respectfulness, responding to messages only
D. building friendliness and confidence only

Question 35

"Every pharmacist or, in his temporary absence or in the case Provided for in section 19 (a) (i), an assistant pharmacist shall keep a ……in which shall be entered all prescriptions which are Dispensed." *Answer C*

A. Poison Book
B. Antibiotics Book
C. Prescription Book
D. Dangerous Drugs Book

Question 36

"The book shall be kept in the pharmacy for a period of …….from the date on which the last prescription is entered. *Answer B*

A. 1 year
B. 2 years

C. 3 years
D. 4 years

Question 37

The expired dangerous drug should be kept- *Answer A*

A. Aside within the Dangerous Drug Locker and clearly labelled 'Expired item" to prevent the risk of accidental dispensing to a patient.
B. Shall be destroyed by the Pharmacist in Charge without prior authorisation.
C. Shall be kept outside the Dangerous Drug Locker
D. Shall be dispensed as soon as possible

Question 38

Modes of disposing pharmaceutical waste are *Answer A*

A. Classical incinerators & Land fill (Mare Chicose Land fill station)
B. Buried under the soil & Dumping into the sea
C. Dumping in Rivers & Lakes
D. Dumping in the toilets & Canals

Question 39

Two Ministries involved for the disposal of pharmaceutical wastes: *Answer A*

A. Ministry of Health and Wellness & Ministry of Local Government and Disaster Risk management
B. Ministry of Commerce & Local Government
C. Ministry of Health and Wellness & Ministry of Commerce
D. Ministry of Health and Wellness & Ministry of arts and Culture

Question 40

A 70 year old lady is taking the following medicines:- *Answer C*

Atorvastatin 80mg tablet once daily
Digoxin 62.5mcg tablet once daily
Isosorbide mononitrate 20mg tablet once daily
Ramipril 5mg capsule once daily

The community pharmacist is querying the unusual daily dose of a medication with the local GP surgery, which medication below is unlikely to be prescribed as once daily?

A. Atorvastatin 80mg tablet once daily
B. Digoxin 62.5mcg tablet once daily
C. Isosorbide mononitrate 20mg tablet once daily
D. Ramipril 5mg capsule once daily

Question 41

Procedure for the Registration of Pharmaceutical Products to be marketed on the Mauritian territory - *Answer A*

A. Evaluation of mini dossier to be submitted to the TTC and Pharmacy Board - Variations to the registration dossier
B. No procedure at all
C. Evaluation of the dossier only
D. Sending the dossier directly to the Pharmacy Board

Question 42

Regarding wholesale Pharmacy, A common technical document (CTD) for each product is required to be submitted for registration to the……. *Answer B*

A. Pharmacy Council
B. Pharmacy Board
C. The Chief Executive officer Ministry of Health & Wellness
D. The Director of Pharmaceutical Services

Question 43

The procedure for the Registration of Health supplements- *Answer B*

A. Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation & A commercial sample pack for each product is mandatory
B. A full composition for each product along with its recommended dosages have to be submitted for registration to the health supplement committee. Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation. A commercial sample pack for each product is mandatory Therapeutic claims are prohibited on the product primary and secondary packaging
C. A full composition for each product along with its recommended dosages have to be submitted for registration to the health supplement committee. Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation.

D. A commercial sample pack for each product is mandatory & Therapeutic claims are prohibited on the product primary and secondary packaging

Question 44

Which Statement is correct? *Answer D*

A. All Dangerous or controlled substances must not be registered prior to import
B. All Dangerous drugs or controlled drugs are not allocated an import quota by the pharmacy board
C. All imports of dangerous or controlled items must not be cleared from customs under the supervision of the wholesale pharmacist and the government pharmacist.
D. A daily sales return of all dangerous or controlled products imported and sold to pharmacies and medical clinics must be submitted online to the customs department of the Mauritius revenue authority (MRA).

Question 45

Procedure for the Registration of cosmetics, medical consumables and other health related products- *Answer A*

A. A full composition/specification of the product have to be submitted Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation. Accordingly, a one-off import authorisation will be given to the importer.
B. A full composition/specification of the product have to be submitted
C. A full composition/specification of the product have to be submitted Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation.
D. Applicants need to refer to the list of prohibited substances and ensure these products are not present in their product formulation. Accordingly, a one-off import authorisation will be given to the importer.

Question 46

Adult dose of montelukast for an 18+ year old for the treatment and prevention of Asthma- *Answer C*

A. 4mg/day
B. 5mg/day
C. 10mg/day
D. 20mg/day

Question 47

Separation of an emulsion is termed as- *Answer B*

A. Hydrolysis
B. Cracking
C. Oxidation
D. Reduction

Question 48

Patient comes with a prescription of Ibandronate, what is the possible side effect? *Answer C*

A. Joint Pain
B. Skeletal Breakage
C. Nausea
D. Bone Loss

Question 49

Sarolaner (Simparica) is a veterinary medicine used to treat- *Answer A*

A. Ticks & Fleas infestations
B. Worms infestations
C. Bacterial Infections
D. Viral Infections

Question 50

Commonly used first-line medication for partial epilepsy- *Answer C*

A. Valproate
B. Topiramate
C. Carbamazepine
D. Gabapentin

Question 51

Which of the below statement is correct? *Answer is A*

A. Grapefruit juice increases the level of simvastatin in blood and makes side effects more likely.

B. Simvastatin is used to lower the blood sugar level in Diabetic patient
C. Simvastatin increases the level of LDL in blood
D. Simvastatin decreases the level of HDL in blood

Question 52

The major side effect of aminoglycosides is- *Answer B*

A. Nausea
B. Kidney injury
C. Vomiting
D. Fatigue

Question 53

A Pregnant woman with severe headache besides Paracetamol what would you give? *Answer D*

A. Ergotamine
B. Diclofenac
C. Codeine
D. None of the above

Question 54

Preeclampsia Hypertension at 20 weeks of Pregnancy, the drug of choice? *Answer C*

A. Losartan
B. Magnesium Hydroxide
C. Magnesium Sulphate
D. Aspirin

Question 55

Patient with dry eye present to your pharmacy, the drug of choice? *Answer B*

A. Eye drop with anaesthetic
B. Artificial Tears Drops
C. Antihistamine Drops
D. Antiredness Drops

Question 56

For a pharmacist to dispense a controlled substance, the prescription must include specific information to be considered valid-which below information considered to be correct? *Answer A*

A. Date of issue, Patient's name and address, Patient's date of birth. Clinician name, address, Drug name, Drug strength, Dosage form.
B. Date of issue, Patient's name and address only
C. Clinician name, address, Drug name, Drug strength, Dosage form.
D. Patient's name and address, Patient's date of birth. Clinician name

Question 57

Most health care professionals, know the RIGHTS of medication use: What are these Rights? *Answer D*

A. The right patient, the right dose, and the right route—all of which are generally regarded as a standard for safe medication practices.
B. The right drug, the right time, the right dose, and the right route—all of which are generally regarded as a standard for safe medication practices.
C. The right time, the right dose, and the right route—all of which are generally regarded as a standard for safe medication practices.
D. The right patient, the right drug, the right time, the right dose, and the right route—all of which are generally regarded as a standard for safe medication practices.

Question 58

The symbol "Rx" is usually said to stand for what? *Answer C*

A. The Latin word "recipe" meaning "to administer."
B. The Latin word "recipe" meaning "to dispense."
C. The Latin word "recipe" meaning "to take."
D. The Latin word "recipe" meaning "to give."

Question 59

Errors in Dispensing can occur when- which statement is correct? *Answer A*

A. An incorrect drug or dose is selected, or when a regimen is too complex.
B. Sound-alike names may not cause error.
C. Drugs with similar-looking names can be correctly dispensed
D. When prescriptions are handwritten legibly

Question 60

Which one of the following is NOT true concerning Modified Release Formulations? *Answer D*

A. Often reduce side effects
B. Improve patient compliance
C. Most useful for drugs with a long half life
D. May be used local drug delivery

Question 61

Which of the below statement is correct regarding Radiopharmaceuticals? *Answer A*

A. Radiopharmaceuticals are agents used to diagnose certain medical problems or treat certain diseases.
B. The radioisotope most widely used in medicine is Tc-98m
C. They may be given only by mouth.
D. Radiopharmaceuticals are radioactive medications (radioisotopes) that are used to diagnose cancer only.

Question 62

Type of toxicity – *Answer A*

A. chemical, physical, or biological
B. chemical only
C. physical only
D. biological only

Question 63

The principle for infection control *Answer B*

A. Hand Hygiene Only
B. Hand Hygiene. Hand hygiene is the most important measure to prevent the spread of infections among patients Respiratory Hygiene Sharps Safety. Safe Injection Practices. Sterilization and Disinfection of Patient-Care Items and Devices.
C. Safe Injection Practices only
D. Sterilization and Disinfection of Patient-Care Items and Devices.

Question 64

Communicable diseases are illnesses caused by …… or …… that people spread to one another through contact with contaminated surfaces, bodily fluids, blood products, insect bites, or through the air. *Answer A*

A. viruses or bacteria
B. Fungus or Bacteria
C. Fleas or Ticks
D. Viruses or Fungus

Question 65

Data protection legislation sets out the rules and responsibilities for – Answer D

A. Disclosing personal data only
B. Storing personal data only.
C. Collecting personal data only
D. Collecting, storing, processing, and disclosing personal data.

Question 66

Single Convention on Narcotic Drugs was adopted in……., this convention aimed to establish effective control over international and domestic trade in narcotic drugs. *Answer D*

A. 1983
B. 1965
C. 1962
D. 1961

Question 67

Which statement regarding Clinical Trials is correct? *Answer A*

A. The different types of clinical trials, such as intervention, observational, or diagnostic studies, and the phases of clinical trials, from phase I to phase IV, that indicate the level of evidence and safety of a new treatment.
B. The phases of clinical trials, from phase I to phase III, that indicate the level of evidence and safety of a new treatment.

C. The different types of clinical trials, such as intervention, observational, or diagnostic studies that indicate the level of evidence and safety of a new treatment.
D. The different types of clinical trials, such as intervention, observational, or diagnostic studies, and the phases of clinical trials, from phase I to phase VI, that indicate the level of evidence and safety of a new treatment.

Question 68

The legal framework and regulations that apply to their profession and products, such as the Consumer Protection Act of …….. in Mauritius. *Answer D*

A. 1992
B. 1993
C. 1994
D. 1991

Question 69

Which statement is correct regarding the Principles of pharmaceutical care? *Answer D*

A. Promoting and contributing to rational drug use only.
B. Monitoring and assessing the drug therapy of patients only
C. Providing drug information to patients, caregivers and other health care professionals to ensure the optional use of medicines only.
D. Promoting and contributing to rational drug use, Designing, implementing and participating in pharmaceutical care plans in drug therapy. Selection and drug usage, Monitoring and assessing the drug therapy of patients, Evaluating drug usage and optimizing health outcomes, Providing drug information to patients, caregivers and other health care professionals to ensure the optional use of medicines, Participating in therapeutic and drug utilization review committees

Question 70

Which statement about special populations is correct? *Answer A*

A. These special populations include infants and children/pediatric populations, adolescents and young adults, older adults, pregnant people, people with disabilities and/or rare disorders, people who have been underrepresented in clinical research
B. These special populations include infants and children/pediatric populations who have been underrepresented in clinical research

C. These special populations include older adults, pregnant people, people with disabilities and/or rare disorders, people who have been underrepresented in clinical research
D. These special populations include pregnant people, people with disabilities and/or rare disorders, people who have been underrepresented in clinical research