

DP-2026



Candidate's Seat No.:

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કુલ પ્રશ્નો : 100

કુલ ગુણ : 200

સમય : 150 મિનિટ

Total Que. : 100

Total Marks : 200

Time : 150 Minutes

પ્રશ્નપુસ્તિકા કોડ



SECTION - 1 : 080 Ques. (01 to 080)

SECTION - 2 : 020 Ques. (081 to 100)

Candidate's Signature _____ Block Supervisor's Signature _____

DO NOT OPEN QUESTION BOOKLET UNTIL INSTRUCTED.

INSTRUCTIONS FOR CANDIDATE:


1. Check Number printed on your OMR SHEET and Question Paper with your SEAT No. before answering the questions. Consult block supervisors in case the above mentioned numbers do not match with your seat number.
2. **There are total 100 questions (Section-1 : 80 Ques. and Section-2 : 20 Ques.).** For answer of each question A, B, C, D, E options are given in OMR SHEET. In OMR SHEET, there is "E" option. "E" option is for "Not Attempted". If candidate do not wish to answer the question he/she must select "E" option (Not Attempted), to avoid negative marks. All questions are compulsory.
For Example:
Which state of India has the longest sea shore ?
(A) (B) (C) (D) (E)
(A) Maharashtra (B) Tamilnadu
(C) Gujarat (D) Andhra Pradesh
In this example, the right answer is (C). Therefore, the Circle of (C) has been darkened (encoded). Candidate should not give the answer "Gujarat" in writing.
The options once darkened/answered by candidate cannot be changed.
3. Candidates are not permitted to leave examination hall during examination.
4. Candidates must strictly write SEAT NO. in the designated space provided in OMR SHEET as well as Question Paper neatly as soon as they receive the OMR SHEET & Question Paper.
5. OMR SHEET must be signed by supervisor. Unsigned OMR SHEET will not be considered for evaluation.
6. Candidates must not write name or put any identification sign/symbol on OMR SHEET. In such case strict disciplinary action will be taken against candidate & will be considered

7. Both, Candidate's & Supervisor's signature must be done on Certificate of OMR SHEET. Unsigned OMR SHEET would not be considered for evaluation.
8. Candidates are not permitted to use or carry with them any kind of literature, guide, hand written notes, or printed books, mobile phone, pagers, smart watches, camera, calculator or any electronic gadgets to examination hall.
9. Candidates are not permitted to talk/discuss in the Examination Hall. Any candidate found violating supervisor's instructions will be disqualified.
10. Candidates must fully darken circle A, B, C, D and E accordingly with Blue / Black ball pen. If answers are marked with any other coloured ball pen, pencil, white ink (whitener), any corrections are done by candidate by means of blade or rubber or whitener will not be considered for evaluation.
11. Candidates may carry QP with them after Examination.
12. **For correct answer 2 (Two) marks will be given.**
For negative marking : If candidate -
 - Gives wrong answer or
 - Darkens more than one option (multi mark) as answer for one question in OMR SHEET then 0.50 marks will be deducted.**If candidate does not want to answer a particular question and marks (E) or leave the option without encoding on OMR sheet, then no minus marks will be given.**

Submit the OMR SHEET to the block supervisor after completion of examination without fail before leaving examination hall, failure to do so will result in disqualification of the candidature for the examination and disciplinary action will be taken against such candidate.

SECTION - 1

- 001.** Following is absorption type ointment base except.
(A) Liquid paraffin (B) Wool fat
(C) Bees wax (D) None of the above
- 002.** A patient with high fever, severe headache, pain behind the eyes and joint pain this condition is most likely :
(A) Tuberculosis (B) Dengue
(C) Cholera (D) Measles
- 003.** What is another name of Albuterol?
(A) Salbutamol (B) Naphazoline
(C) Terbutaline (D) Tetrahydrozoline
- 004.** Which dryer is used for preparation of BCG vaccine?
(A) Tray dryer (B) FBD
(C) Both (A) and (B) (D) None of the above
- 005.** Select the correct sentence from the following.
(A) The right kidney is slightly lower than the left
(B) The left kidney is slightly lower than the right
(C) Both kidneys are at the same height
(D) The left kidney is behind the right kidney
- 006.** A city shows increased cases of asthmas, bronchitis and lung irritation over time, Which environmental intervention would be most effective?
(A) Improving sanitation facilities (B) Controlling vehicular emissions
(C) Providing clean drinking water (D) Increasing vaccination coverage
- 007.** _____ is not known as Cholinergic Receptors.
(A) Nicotinic receptors
(B) Muscarinic receptors
(C) Parasympathetic receptors
(D) β -receptors

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- 008.** Concentration of Benzoic acid in oral liquid dosage form
(A) 0.05-0.1 (B) 0.1-0.2
(C) 0.2-0.5 (D) 0.5-0.6
- 009.** The simple squamous epithelium that lines the heart, blood vessels and lymphatic vessels is known as _____
(A) Epithelium (B) Mesothelium
(C) Endothelium (D) Cardiothelium
- 010.** Which method is used to prepare tincture.
(A) Decoction (B) Infusion
(C) Maceration (D) Percolation
- 011.** Which of the following is not a source of impurities in pharmaceutical substances
(A) Reagents used in the manufacturing process
(B) Chemical process used in manufacturing
(C) Intermediate products in the manufacturing process
(D) Expression of concentration during manufacturing
- 012.** Out of total, 206 bones-Axial skeleton consist _____ numbers of bones.
(A) 126 (B) 80
(C) 100 (D) 14.5
- 013.** Augmentin is the brand name of
(A) Cifixime (B) Amoxicillin and clavulanic acid
(C) Ciprofloxacin (D) Azithromycin
- 014.** _____ is the science of body structures and the relationship among them.
(A) Physiology (B) Anatomy
(C) Histology (D) Embryology
- 015.** Morphological classification divides drugs in to:
(A) Organized and Unorganized
(B) Alkaloids and Glycosides
(C) Laxatives and Cardiotonics
(D) Taxonomical groups



016. Hydrochloric acid in the GIT is secreted by _____
(A) Chief cells (B) Parietal cells
(C) Mucous cells (D) G cells
017. Which of the following is not a beta-adrenergic blocker?
(A) Propranolol (B) Atenolol
(C) Carvedilol (D) Prazosin
018. How many nitrogen atoms are present in the purine ring?
(A) 2 (B) 3
(C) 4 (D) 5
019. The recommended daily salt intake for an adult should be?
(A) Less than 2 gm/day
(B) Less than 10 gm/day
(C) Less than 5 gm/day
(D) Less than 15 gm/day
020. Herd Immunity is best described as :
(A) Immunity developed after infection
(B) Immunity provided by drugs
(C) Protection of population when a large population is immune
(D) Immunity only in animals
021. Although the nucleus of each somatic cell contains gene from both your mother and father, _____ genes are inherited only from your mother.
(A) Mitochondrial
(B) Golgi
(C) Ribosomes
(D) Endoplasmic reticulum
022. Disintegration time for enteric coated tablet with food.
(A) Before 2 hrs (B) After 2 hrs
(C) At 30 min (D) None of the above
023. Cyclophosphamide belongs to which category?
(A) Antitubercular agent (B) Antiviral agent
(C) Antineoplastic agent (D) Antimalarial agent

024. Following is filter aid except.
(A) Magnesium stearate
(B) Talc
(C) Magnesium carbonate
(D) Kieselguhr
025. _____ is known as voice box.
(A) Nose (B) Trachea
(C) Pharynx (D) Larynx
026. Which of the following is not a zoonotic disease?
(A) Rabbits (B) Anthrax
(C) Cholera (D) Brucellosis
027. In the blood clotting mechanism factor X is known as _____.
(A) Stuart factor (B) Fibrinogen
(C) Prothrombin (D) Calcium ions (Ca^{++})
028. All of the following are roles of pharmacist in prevention of communicable diseases except :
(A) Pharmacists can counsel people about antibiotic resistance
(B) Pharmacists can create an awareness program for the prevention of anthropod borne diseases
(C) Pharmacists can prescribe antibiotics during a pandemic
(D) Pharmacists can help prevent medical errors by increasing patient health literacy
029. All of the following are airborne diseases except :
(A) Measles (B) Tuberculosis
(C) Influenza (D) Typhoid
030. Which fibre is regenerated from cellulose and used in surgical dressing?
(A) Rayon (B) Silk
(C) Cotton (D) Wool
031. Garlic reduces cholesterol due to :
(A) Quinine (B) Caffeine
(C) Menthol (D) Allicin





- 032.** Which of the following statement is incorrect regarding paracetamol?
(A) It is available in tablet dosage form
(B) It is available as suspension
(C) It is available as injection
(D) It is available as cream
- 033.** Which of the following pairings of "Drug : Chemical class" is incorrect?
(A) Opium : Alkaloid
(B) Arjuna : Tanin
(C) Digitalis : Glycoside
(D) Gelatin : Polysaccharide
- 034.** Which of the following correctly expands FSSAI?
(A) Food Safety & Standards Authority of India
(B) Food Safety & Services Authority of India
(C) Food Supply & Standards Authority of India
(D) Food Security and Standards Agency of India
- 035.** In the ECG. P-wave represents _____ .
(A) Atrial Repolarization
(B) Atrial Depolarization
(C) Ventricular Repolarization
(D) Ventricular Depolarization
- 036.** Cold cream is which type of formulation.
(A) Emulsion (B) Suspension
(C) Paste (D) Ointment
- 037.** What is the pharmacological class of Lurasidone?
(A) Antidepressants (B) Anticonvulsants
(C) Antipsychotic (D) Sedative
- 038.** Which of the following is a Polysaccharide vaccine?
(A) Hib Vaccine
(B) Anthrax Vaccine
(C) Rabies Vaccine
(D) Hepatitis A Vaccine

039. Which of the following gases is used for calming excited mental patients?
(A) Oxygen (B) Nitrous oxide
(C) Carbon dioxide (D) Nitrogen
040. Which statement is TRUE about Asafoetida?
(A) It is a fixed oil
(B) It is an oleo-gum-resin obtained from roots
(C) It is obtained from bark
(D) It contains alkaloids
041. The ARI programme mainly focuses on which age group?
(A) Elderly population (B) Pregnant women only
(C) Children under five years (D) Adolescents
042. Which of the following is a macrolide antibiotic?
(A) Amoxicillin (B) Clindamycin
(C) Azithromycin (D) Minocycline
043. Sucralose is how many times sweeter than sucrose.
(A) 30-60 (B) 100-200
(C) 300-1000 (D) 400-1000
044. Which programme provides financial protection for hospitalization?
(A) PM-JAY (B) NACP
(C) NVBDCP (D) NLEP
045. Following preservative used in simple syrup USP.
(A) Ascorbic acid (B) Methly Paraben
(C) Both (A) and (B) (D) None of the above
046. The founder of Homeopathy is :
(A) Edward Jenner (B) Sushurta
(C) Samuel Hahnemann (D) Hippocrates
047. Which one of the following anthropod-disease pair is incorrect?
(A) Mosquito-Chikengunia (B) Sandfly-Kala azar
(C) Rat fleas-Plague (D) Mosquito-Tularemia






- 048.** Bhasma is formulation prepared by :
- (A) Fermentation
 - (B) Decoction
 - (C) Calcination of metals/minerals
 - (D) Oil extraction
- 049.** Which of the following is not a Cholinesterase inhibitor?
- (A) Neostigmine
 - (B) Edrophonium
 - (C) Tacrine
 - (D) Carbachol
- 050.** Percentage of moisture present in hard gelatin capsule :
- (A) 12-15%
 - (B) 20-30%
 - (C) 18-20%
 - (D) 5-10%
- 051.** Organoleptic evaluation involve checking :
- (A) Chemical content
 - (B) Taste, color, odor and appearance
 - (C) Ash value
 - (D) Extractive value
- 052.** Ashwagandha is mainly used as :
- (A) Adaptogen
 - (B) Laxative
 - (C) Diuretic
 - (D) Antibiotic
- 053.** Potent powder is prepared by which method?
- (A) Spatulation
 - (B) Sifting
 - (C) Geometric dilution
 - (D) None of the above
- 054.** The period of time during which an infected person or animal is kept away from others to prevent the disease from spreading is termed as _____
- (A) Contact tracing
 - (B) Isolation
 - (C) Quarantine
 - (D) Incubation
- 055.** Following is chelating agents except.
- (A) EDTA
 - (B) Polyphosphate
 - (C) BHA
 - (D) Citric acid

056. The term "Crude Death Rate" refers to :
- (A) Number of deaths per 1000 population in a year
 - (B) Number of deaths per 10,000 population in a month
 - (C) Number of deaths due to specific diseases in a population
 - (D) Number of Infant deaths per 1000 live births.
057. The sense which detect the odor is known as _____
- (A) Vision
 - (B) Gustation
 - (C) Auditation
 - (D) Olfaction
058. Which alkaloid is responsible for antihypertensive and sedative action?
- (A) Quinine
 - (B) Ephedrine
 - (C) Atropine
 - (D) Reserpine
059. Which type of plastic polymer used for making hospital devices?
- (A) PVC
 - (B) PMMA
 - (C) PTFE
 - (D) None of the above
060. Pessaries is given by which route
- (A) Rectum
 - (B) Vagina
 - (C) Ear
 - (D) Nose
061. From the followings, _____ is not a lipid soluble hormone.
- (A) Calcitriol
 - (B) Testosterone
 - (C) Thyroxine
 - (D) Histamine
062. Which one of the following is a tropane alkaloid acting on the nervous system.
- (A) Ephedrine
 - (B) Hyoscyamine
 - (C) Caffeine
 - (D) Vincristine
063. A patient with cardiovascular risk is advised natural supplements which is most suitable?
- (A) Omega-3 fatty acids
 - (B) Processed sugars
 - (C) Cholesterol-rich diet
 - (D) Glucose polymers





- 064.** Ispaghula belong to family :
- (A) Solanaceae (B) Apiaceae
(C) Rutaceae (D) Plantaginaceae
- 065.** Which pharmacoeconomic analysis compares costs and outcomes in natural units (eg. life years gained)?
- (A) Cost Minimization Analysis
(B) Cost Effectiveness Analysis
(C) Cost Benefit Analysis
(D) Cost Utility Analysis
- 066.** Which of the following methods does not require an indicator for Analysis?
- (A) Acid-base Titration
(B) Redox Titration
(C) Complexometric Titration
(D) Gravimetric Analysis
- 067.** Identify the correct sequence of lymphatic fluid flow from the followings.
- (A) Blood capillaries → Interstitial space → lymphatic capillaries → lymphatic vessels → lymphatic duct
(B) lymphatic duct → Interstitial space → lymphatic capillaries → lymphatic vessels → Blood capillaries
(C) Blood capillaries → lymphatic vessels → lymphatic capillaries → Interstitial space → lymphatic duct
(D) Interstitial space → lymphatic vessels → Blood capillaries → lymphatic duct → Interstitial space → lymphatic capillaries
- 068.** Which of the following is not available in tablet dosage form?
- (A) Paracetamol (B) Diazepam
(C) Insulin (D) Carbamazepine
- 069.** Red blood cells live only about _____ days.
- (A) 14.5 (B) 206
(C) 120 (D) 365
- 070.** Which of the following is an antidepressant?
- (A) Citalopram (B) Chlorpromazine
(C) Carbamazepine (D) Cyclophenolate HCL

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- 071.** Which of the following is a challenge in herbal formulations?
(A) Easy availability
(B) Lack of standardization
(C) Low demand
(D) High toxicity
- 072.** Which year Bengal chemical and pharmaceutical works started producing tetanus antitoxin.
(A) 1925 (B) 1930
(C) 1928 (D) 1932
- 073.** Small volume of parenteral formulation having
(A) Less than 100 ml
(B) Less than 50 ml
(C) Above 100 ml
(D) None of the above
- 074.** Mammary gland is located inside the _____ .
(A) Brain (B) Breast
(C) Heart (D) Kidney
- 075.** Which of the following drug contains a – SH (thiol) group?
(A) Captopril (B) Clonidine
(C) Cyclopentolate (D) Paracetamol
- 076.** The eyes are responsible for the detection of _____, the part of the electromagnetic spectrum with wave lengths ranging from about 400 to 700 nm.
(A) Radio-waves
(B) Gamma rays
(C) Visible light
(D) X-rays
- 077.** Which of the following is NOT included in the scope of pharmacognosy?
(A) Cultivation of medicinal plants
(B) Isolation of phytoconstituents
(C) Study of synthetic drug design
(D) Evaluation of crude drugs



- 078.** (A) : RCH programme improves child survival
(R) : It includes immunization and nutrition services.
(A) Both A and R are true and R explains A
(B) Both A and R are true, but R does not explain A
(C) A is true, R is false
(D) A is false, R is true
- 079.** Cisplatin contains which metal?
(A) Iron
(B) Phosphorus
(C) Platinum
(D) Palladium
- 080.** Glycosides are hydrolyzed to :
(A) Acid + Base
(B) Sugar + Aglycone
(C) Alcohol + Ketone
(D) Phenol + ether


SECTION - 2

- 081.** In drug design, QSAR stands for :
- (A) Quantitative Solubility - Affinity Relationship
 - (B) Quantitative Structure - Affinity Relationship
 - (C) Qualitative Structure - Activity Relationship
 - (D) Quantitative Structure - Activity Relationship
- 082.** Which protocol is primarily used for communication between a web browser and a web server?
- (A) Hyper Text Transfer Protocol
 - (B) File Transfer Protocol
 - (C) Simple Mail Transfer Protocol
 - (D) Simple Network Management Protocol
- 083.** Which communication style is most likely to be effective when giving a performance review?
- (A) Direct
 - (B) Spirited
 - (C) Systematic
 - (D) Considerate
- 084.** The primary purpose of barcode medicine identification is to :
- (A) To increase manual work
 - (B) To replace doctors
 - (C) To ensure the right drug is given to the right patient
 - (D) To increase inventory costs
- 085.** Which of the following is NOT an application of computers in pharmacy?
- (A) Inventory control in pharmacy
 - (B) Drug information storage and retrieval
 - (C) Patient record management
 - (D) Manual prescription writing without any digital support
- 086.** Which of the following is NOT a programming language?
- (A) Python
 - (B) JavaScript
 - (C) Visual Basic (VB)
 - (D) CSS
- 087.** A good written document should begin with :
- (A) The conclusion
 - (B) Complaints
 - (C) Ambiguity
 - (D) The purpose





- 088.** Which type of database management system is MySQL?
(A) Relational (B) Object-oriented
(C) Network (D) Hierarchical
- 089.** What are the elements of communication?
(A) The sender, the receiver, the message, the channel and feedback
(B) The verbal, non-verbal and physical elements
(C) The face-to-face, phone, email and social media
(D) None of the above
- 090.** Which of these should be avoided for effective listening?
(A) Pre-Listening analysis (B) Predicting
(C) Team Listening (D) Listening to structured talks
- 091.** The process by which the receiver interprets the symbols used by the source of the message by converting them into concepts and ideas is called _____ .
(A) Decoding (B) Encoding
(C) Speaking (D) Listening
- 092.** Which of the following is an example of visual perception?
(A) Smell of perfume (B) Taste of food
(C) Reading a book (D) Touching a ball
- 093.** In Intensive care unit (ICU) setup, computerized patient monitoring systems primarily function to :
(A) Dispense Medications automatically
(B) Continuously track physiological parameters
(C) Replace Physicians
(D) Diagnose all diseases independently
- 094.** Which of the following is NOT a good measure to overcome communication barriers?
(A) Active listening
(B) Emotional control
(C) Using complex jargon
(D) Providing feedback

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- 095.** Formal communication is mainly used in :
(A) Families (B) Playground
(C) Organizations and work places (D) Social gathering
- 096.** Oral communication is the interchange of :
(A) Verbal message (B) Clues
(C) Written message (D) Signs and gestures
- 097.** When is the communication process complete?
(A) When the sender transmits the message
(B) When the message enters the channel
(C) When the message leaves the channel
(D) When the receiver understands the message
- 098.** The subject line of Business letter should be :
(A) Brief, clear and relevant (B) As long as possible
(C) Irrelevant (D) None of these
- 099.** Which of the following best describes XML tags?
(A) They are case-insensitive
(B) They are user-defined and can be customized
(C) They are same as HTML tags
(D) They are predefined and cannot be changed
- 100.** Which communication style is characterized by being straight forward, to the point and assertive?
(A) Spirited (B) Systematic
(C) Considerate (D) Direct

પરીક્ષા પૂરી થયા બાદ ઉત્તરપત્ર (OMR SHEET) વર્ગ નિરીક્ષકને
પરત કર્યા બાદ જ વર્ગખંડ છોડવાનો રહેશે.
તેમ કરવામાં કસૂર થયેથી તેને શિસ્તભંગનાં પગલાં ગણી
પરીક્ષા માટે ઉમેદવારને ગેરલાયક ઠેરવવામાં આવશે.