



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
सी ई एन - ०३/२०२५ - CEN - 03/2025
Recruitment for Paramedical Categories



RRB PARAMEDICAL 2025

Dialysis Technician

Paramedical Categories | CEN 03/2025

ENGLISH ANSWER KEY

Official Answer Key

Complete Paper · 11 Mar 2026

Post	Dialysis Technician
Questions	100 per paper
Marking	+1 correct / -1/3 wrong
Duration	90 minutes
Sections	General Ability 30 · Professional Ability 70

Every paper is printed from the official question text with the correct answer marked.

HOW TO USE THIS BOOK

- 1 Open the INDEX on the next page.
- 2 Click any row to jump straight to that date and shift.
- 3 The correct option of every question is ticked in green.
- 4 Use the bookmarks panel of your PDF reader to move between shifts.

Check your marks, normalized score and zone-wise rank free at
rank.qmaths.in

Blackbook

Score & Rank Calculator · rank.qmaths.in

Compiled 27 October 2026

INDEX · Click any row to open that paper

RRB Paramedical 2025 - Dialysis Technician (English) - 1 paper

PAPER	DATE	TIME	QUESTIONS	PAGE
Paper 1	11 Mar 2026	9:00 AM - 10:30 AM	100	3



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - ०३/२०२५ - CEN - 03/2025

Recruitment for Paramedical Categories



PAPER 1 of 1 · Dialysis Technician · English

Exam	RRB Paramedical 2025 (CEN 03/2025)
Post	Dialysis Technician
Test Date	11 Mar 2026
Test Time	9:00 AM - 10:30 AM
Language	English
Questions	100
Marking	+1 correct / -1/3 wrong

Correct option of the official answer key: **green with ✓**. Question IDs are RRB's own.

Section : General Ability

Q.1 Peninsular Plateau consists of which of the following two broad divisions?

Ans

1. Northern Plains and Deccan Plateau
2. Shevroy Hills and the Javadi Hills
3. **Central Highlands and Deccan Plateau ✓**
4. Aravalli and Vindhyan Ranges

Question ID :

441009933681

Correct Option : 3

Q.2 In a certain code language,
 A + B means 'A is the mother of B',
 A - B means 'A is the brother of B',
 A # B means 'A is the daughter of B',
 A % B means 'A is the father of B'.

Based on the above, how is N related to T if 'T % P % N # V'?

Ans

1. **Son's daughter ✓**
2. Son's wife
3. Mother's father
4. Father's mother

Question ID :

4410091233564

Correct Option : 1

Q.3 In a division sum, the divisor is 12 times the quotient and 8 times the remainder. If the remainder is 39, what is the dividend?

Ans

1. 8155
2. 8154
3. **8151 ✓**
4. 8148

Question ID :

441009560297

Correct Option : 3

Q.4 Increasing the number of turns in a solenoid while keeping current constant will _____.

Ans

1. have no effect on the field
2. reverse the field direction
3. **increase the magnetic field ✓**
4. decrease the magnetic field

Question ID : 441009717565

Correct Option : 3



Q.5 If the temperature of a metallic conductor increases, how does its resistivity change and why does this happen? Ans 1. Resistivity decreases because atoms vibrate less, aiding electron flow. 2. Resistivity increases because atoms vibrate more, hindering electron flow. ✓ 3. Resistivity remains unchanged with temperature. 4. Resistivity increases because electrons move faster, enhancing current.	Question ID : 4410091640635 Correct Option : 2
Q.6 When ethanol is heated with excess concentrated sulfuric acid at 170 °C, what is the main product? Ans 1. Propanol 2. Methanol 3. Ethene ✓ 4. Ethanoic acid	Question ID : 4410091562959 Correct Option : 3
Q.7 Which Article allows the President to recommend President's Rule in a state? Ans 1. Article 360 2. Article 353 3. Article 245 4. Article 356 ✓	Question ID : 4410091330575 Correct Option : 4
Q.8 In which Indian state is the Tehri Dam located? Ans 1. Punjab 2. Uttarakhand ✓ 3. Bihar 4. Madhya Pradesh	Question ID : 4410091583838 Correct Option : 2
Q.9 In a convex mirror, the image distance is always: Ans 1. Zero 2. Positive ✓ 3. Infinite 4. Negative	Question ID : 4410091645806 Correct Option : 2
Q.10 A quadrilateral ABCD is cyclic (all four vertices lie on a circle). Its side lengths are: AB=5cm, BC=8cm, CD=13cm, DA=20cm. Find the area of quadrilateral ABCD. Ans 1. 84 cm² 2. 90 cm² ✓ 3. 96 cm² 4. 92 cm²	Question ID : 4410091576981 Correct Option : 2

Q.11 Each of the letters in the word JETFOILS are arranged in alphabetical order. How many letters are there in the English alphabetical order between the letter which is second from the left and the one which is third from the right in the new letter-cluster thus formed? Ans 1. 8 ✓ 2. 6 3. 5 4. 7	Question ID : 4410091147340 Correct Option : 1
Q.12 Find the median of the following data. 23, 17, 31, 12, 28, 33, 19, 25, 14, 22 Ans 1. 21.5 2. 24.5 3. 23.5 4. 22.5 ✓	Question ID : 4410091568478 Correct Option : 4
Q.13 On which of the following dates in 2025 was National Unity Day observed? Ans 1. 31 October ✓ 2. 24 October 3. 18 October 4. 21 October	Question ID : 4410091583108 Correct Option : 1
Q.14 A water softener uses Na_2CO_3. Knowing its formula unit mass helps in which aspect? Ans 1. Dosing amount ✓ 2. Checking color 3. Determining hardness 4. Measuring temperature	Question ID : 4410091561898 Correct Option : 1
Q.15 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation? 5 B 2 D 12 A 6 C 2 = ? Ans 1. 12 2. 10 ✓ 3. 8 4. 14	Question ID : 4410091333336 Correct Option : 2
Q.16 A teacher asks students to prepare a suspension in the lab. Which instruction should be followed? Ans 1. Mix alcohol with water 2. Dissolve sugar in water 3. Heat water to boiling 4. Mix sand with water and stir ✓	Question ID : 4410091566313 Correct Option : 4

Q.17 Which of the following correctly matches the Gandharva sect with its associated function? Ans 1. Bandu sect – Music directors 2. Bharat sect – Music directors 3. Tandu sect – Dance directors ✓ 4. Narad sect – Drama directors	Question ID : 4410091573550 Correct Option : 3
Q.18 Six people, P, Q, R, S, T, and U are sitting in a row, facing north. Only two people sit to the left of R. Q sits second to the right of S. U is not an immediate neighbor of Q. T sits to the immediate left of P. Who is sitting at the extreme right end of the line? Ans 1. Q 2. U 3. P ✓ 4. S	Question ID : 4410091572930 Correct Option : 3
Q.19 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster) Ans 1. AC-WG 2. OQ-KU 3. UW – QA 4. TV – KX ✓	Question ID : 441009783826 Correct Option : 4
Q.20 The strict reservoir protection rules framed by the Karnataka government in 2026 aim to conserve which reservoir? Ans 1. Hirakud Reservoir 2. Idukki Reservoir 3. Thippagondanahalli Reservoir ✓ 4. Nagarjuna Sagar Reservoir	Question ID : 4410091594714 Correct Option : 3
Q.21 Which of the following processes allows carbon dioxide to move out of a cell? Ans 1. Active transport 2. Diffusion ✓ 3. Endocytosis 4. Osmosis	Question ID : 4410091558728 Correct Option : 2
Q.22 Why is it important for DNA to be accompanied by a cellular apparatus in a reproducing cell during DNA copying? Ans 1. To help DNA avoid mutations 2. To ensure energy is stored in the new cell 3. To provide structural support to the DNA only 4. To maintain life processes in the new cell ✓	Question ID : 4410091562202 Correct Option : 4

Q.23 India's first tempered glass manufacturing facility for mobile devices was inaugurated in 2025 in which of the following cities? Ans 1. Noida ✓ 2. Surat 3. Pune 4. Bengaluru	Question ID : 4410091631707 Correct Option : 1
Q.24 A and B complete a work together in 6 days. If A alone can do it in 30 days then, B alone can do two-third of the same work in _____days. Ans 1. 10 2. 20 3. 15 4. 5 ✓	Question ID : 441009897387 Correct Option : 4
Q.25 North Eastern Region District Sustainable Development Goal (SDG) Index and Dashboard is the collaborative effort of which of the following? 1. NITI Aayog 2. Ministry of Development of North Eastern Region (M/DoNER) 3. United Nations Development Programme (UNDP) Ans 1. Only 1 and 3 2. Only 1 and 2 3. Only 2 and 3 4. 1, 2 and 3 ✓	Question ID : 441009247839 Correct Option : 4
Q.26 Which of the following quantities changes, when a constant force is applied to a body for some time? Ans 1. Weight only 2. Density only 3. Mass only 4. Momentum only ✓	Question ID : 4410091254608 Correct Option : 4
Q.27 Which of the following leaders of the Indian National Movement was NOT associated with the Hindustan Socialist Republican Association (HSRA)? Ans 1. Bhagat Singh 2. Mahatma Gandhi ✓ 3. Batukeshwar Dutt 4. Chandrasekhar Azad	Question ID : 4410091587138 Correct Option : 2
Q.28 The _____ has the authority to punish for contempt of court in India. Ans 1. Parliament of India 2. Supreme Court and High Courts ✓ 3. President of India 4. Lok Adalat	Question ID : 44100985211 Correct Option : 2

Q.29 Akshat deposited a sum of ₹53625 at 20% rate of interest per annum, compounded annually. The total amount received by Akshat after 2 years is: Ans 1. ₹77521 2. ₹77330 3. ₹77220 ✓ 4. ₹76934	Question ID : 441009571883 Correct Option : 3
---	--

Q.30 Which of the following is a bacterial sexually transmitted disease? Ans 1. Chickenpox 2. Warts 3. Syphilis ✓ 4. HIV-AIDS	Question ID : 4410091696947 Correct Option : 3
---	---

Section : Professional Ability

Q.31 What is diffusion? Ans 1. The movement of particles from high concentration to low concentration ✓ 2. The movement of particles due to electrical forces 3. The movement of particles against gravity 4. The movement of particles from low concentration to high concentration	Question ID : 4410091690876 Correct Option : 1
--	---

Q.32 Which scenario could trigger a conductivity alarm on a hemodialysis machine? Ans 1. Bloodline kinking 2. Improper mixing of dialysate solution ✓ 3. Air bubbles in the venous chamber 4. High venous pressure	Question ID : 4410091648515 Correct Option : 2
--	---

Q.33 Which compartment contains the highest percentage of total body water in the human body? Ans 1. Plasma 2. Intracellular fluid ✓ 3. Transcellular fluid 4. Interstitial fluid	Question ID : 4410091553581 Correct Option : 2
---	---

Q.34 Which of the following best describes the main difference between benign and malignant tumors in tumor classification? Ans 1. Malignant tumors do not spread to other organs. 2. Benign tumors invade surrounding tissues. 3. Malignant tumors grow slowly and remain encapsulated. 4. Benign tumors remain localized and do not metastasize. ✓	Question ID : 4410091552414 Correct Option : 4
--	---

Q.35 What happens to an enzyme after it catalyzes a reaction? Ans 1. It loses all activity 2. Enzymes are unchanged and reusable ✓ 3. It becomes the product 4. It is broken down	Question ID : 4410091675417 Correct Option : 2
Q.36 During peritoneal dialysis, how is the dialysate solution introduced into the peritoneal cavity? Ans 1. Intravenously 2. Subcutaneously 3. Intraperitoneal via a catheter ✓ 4. Orally	Question ID : 441009463196 Correct Option : 3
Q.37 A 65-year-old male with hepatic failure and moderate renal impairment requires pain control. Which medication should be avoided to prevent risk of accumulation and toxicity? Ans 1. Diclofenac 2. Ibuprofen 3. Paracetamol 4. Morphine ✓	Question ID : 4410091552562 Correct Option : 4
Q.38 A patient receiving low calcium dialysate begins to show signs of muscle twitching. What should be considered? Ans 1. Low sodium levels 2. Low calcium levels ✓ 3. High magnesium levels 4. High potassium levels	Question ID : 4410091562581 Correct Option : 2
Q.39 Which of the following is a type of dialyzer commonly used in clinical practice? Ans 1. Platelet membrane dialyzer 2. Hollow fiber dialyzer ✓ 3. Bronchial dialyzer 4. Copper coil dialyzer	Question ID : 4410091586705 Correct Option : 2
Q.40 What is a common cause of blood clotting in hemodialysis (HD) circuits? Ans 1. Low blood pressure 2. Inadequate anticoagulation ✓ 3. High dialysate flow rate 4. Overhydration	Question ID : 4410091558326 Correct Option : 2

Q.41 When reusing a dialyzer, which of the following conditions requires the dialyzer to be permanently discarded? Ans 1. When the FBV decreases by more than 80% of the original volume ✓ 2. When the dialysate temperature is below 36°C 3. When the transmembrane pressure increases slightly during treatment 4. When the dialyzer appears clean after reprocessing	Question ID : 441009463837 Correct Option : 1
Q.42 Which of the following best illustrates an agonist's role at a receptor site in pharmacodynamics? Ans 1. It inhibits the receptor to block a response. 2. It activates the receptor to produce a response. ✓ 3. It blocks enzymes from breaking down drugs. 4. It prevents the metabolism of the drug.	Question ID : 4410091628263 Correct Option : 2
Q.43 A 35-year-old patient presents with polyuria, mild proteinuria, and impaired urine-concentrating ability. Renal biopsy shows interstitial fibrosis and tubular atrophy. Based on this, what is the most likely diagnosis? Ans 1. Renal artery stenosis 2. Nephrotic syndrome 3. Acute glomerulonephritis 4. Chronic tubulointerstitial nephritis ✓	Question ID : 4410091583478 Correct Option : 4
Q.44 Which of the following is a common route of administration for heparin? Ans 1. Inhalation 2. Oral ingestion 3. Intravenous injection ✓ 4. Topical application	Question ID : 4410091693322 Correct Option : 3
Q.45 Which of the following is a common cause of chest pain in hemodialysis (HD) patients? Ans 1. Pericarditis ✓ 2. Peptic ulcer 3. Asthma 4. Migraine	Question ID : 4410091558348 Correct Option : 1
Q.46 Which anticoagulant is most commonly used during hemodialysis to prevent clotting in the extracorporeal circuit? Ans 1. Clopidogrel 2. Heparin ✓ 3. Aspirin 4. Warfarin	Question ID : 4410091575348 Correct Option : 2

Q.47 Which congenital abnormality is most likely to lead to recurrent urinary tract infections in children? Ans 1. Medullary sponge kidney 2. Renal agenesis 3. Vesicoureteral reflux ✓ 4. Wilms tumor	Question ID : 4410091645547 Correct Option : 3
Q.48 If the fiber bundle volume of a reused dialyzer falls below 80% of its original volume, what is the appropriate action Ans 1. Continue using until symptoms appear 2. Increase dialysate flow rate 3. Discontinue use and replace the dialyzer ✓ 4. Rinse with hypertonic solution	Question ID : 441009640925 Correct Option : 3
Q.49 When should a dialyser be discarded according to standard protocols? Ans 1. When it shows signs of wear or damage ✓ 2. After every single use regardless of condition 3. Only when visibly contaminated 4. After a fixed number of uses regardless of condition	Question ID : 4410091693284 Correct Option : 1
Q.50 Which of the following is a correct clinical application of creatinine molecular weight? Ans 1. Estimating liver enzyme activity 2. Calculating glomerular filtration rate (GFR) ✓ 3. Determining hemoglobin levels 4. Assessing blood oxygen saturation	Question ID : 4410091699039 Correct Option : 2
Q.51 Which is the best disinfectant for surface cleaning in HD machine? Ans 1. Glutaraldehyde 2. Formalin 3. Saline 4. Sodium hypochlorite ✓	Question ID : 441009832853 Correct Option : 4
Q.52 Which condition is most likely to cause 'conductive high' in biological tissues? Ans 1. Increased ion concentration ✓ 2. Low glucose availability 3. Reduced oxygen levels 4. Dehydration	Question ID : 4410091699026 Correct Option : 1
Q.53 When should hand hygiene be performed during patient care? Ans 1. Only after patient contact 2. Only before patient contact 3. At the beginning and end of the workday 4. Before and after patient contact ✓	Question ID : 4410091699075 Correct Option : 4

Q.54 A patient is exposed to high altitude for several days. Which of the following physiological changes in the respiratory system is most likely to occur to compensate for decreased oxygen availability? Ans 1. Lower pulmonary blood flow 2. Increased tidal volume ✓ 3. Decreased respiratory rate 4. Reduced oxygen diffusion capacity	Question ID : 4410091571080 Correct Option : 2
Q.55 Reuse of dialyzers can be done safely if? Ans 1. Dialyzer bundle volume is not measured 2. Only urea clearance is high 3. Dialysate is acidic 4. No residual blood remains and disinfection is complete ✓	Question ID : 441009827473 Correct Option : 4
Q.56 Which of the following is a common consequence of renal failure? Ans 1. Increased urine output 2. Accumulation of waste products in the blood ✓ 3. Improved kidney filtration 4. Decreased blood pressure	Question ID : 4410091583479 Correct Option : 2
Q.57 Which of the following is an endocrine gland? Ans 1. Mammary gland 2. Thyroid gland ✓ 3. Salivary gland 4. Sweat gland	Question ID : 4410091546305 Correct Option : 2
Q.58 In patients with renal failure, which medication practice is essential to prevent drug toxicity? Ans 1. Avoiding all oral medications 2. Using the same dose as in normal patients 3. Adjusting drug dose according to renal function ✓ 4. Giving drugs only after dialysis	Question ID : 4410091572714 Correct Option : 3
Q.59 Which of the following is a common contraindication for anticoagulation therapy? Ans 1. Mild headache 2. Active bleeding ✓ 3. Low-grade fever 4. Mild dehydration	Question ID : 4410091556300 Correct Option : 2

Q.60 What is the recommended practice for the disposal of sharps such as needles used in dialysis? Ans 1. Dispose in puncture-proof sharps container ✓ 2. Crush and throw in general bin 3. Place directly into yellow bag 4. Disinfect and reuse	Question ID : 441009465251 Correct Option : 1
Q.61 What is the most frequent type of anemia seen in Hemodialysis patients? Ans 1. Sickle cell anemia 2. Hemolytic anemia 3. Aplastic anemia 4. Iron deficiency anemia ✓	Question ID : 4410091558374 Correct Option : 4
Q.62 A patient undergoing haemodialysis tests positive for Hepatitis B surface antigen (HBsAg). Which is the most appropriate action to prevent cross-infection in the unit? Ans 1. Dialyze the patient in a separate room using dedicated equipment ✓ 2. Clean shared equipment thoroughly after each use 3. Assign dedicated staff for the patient, but use shared equipment 4. Apply universal precautions for all patients	Question ID : 4410091655701 Correct Option : 1
Q.63 Which test is commonly used to check for residual disinfectants in the dialysate pathway after disinfection? Ans 1. Residual chlorine test ✓ 2. Blood urea test 3. Electrolyte test 4. Hematocrit test	Question ID : 441009832904 Correct Option : 1
Q.64 What is the first step in responding to an alarm from a patient monitor in a healthcare setting? Ans 1. Ignore the alarm if it seems unimportant. 2. Check the patient's condition immediately. ✓ 3. Adjust the monitor settings. 4. Reset the alarm without assessment.	Question ID : 4410091706116 Correct Option : 2
Q.65 Water movement in dialysis primarily occurs because of? Ans 1. Active pumping 2. Membrane rupture 3. Cell division 4. Osmotic pressure ✓	Question ID : 441009747431 Correct Option : 4

Q.66 When evaluating the use of low calcium dialysate, which potential long-term complication should clinicians monitor for most closely? Ans 1. Improved vascular health 2. Enhanced muscle strength 3. Prevention of hypertension 4. Development of bone demineralization ✓	Question ID : 4410091650352 Correct Option : 4
Q.67 If a person is exercising vigorously in a hot climate, which combination of mechanisms does the body utilize to prevent overheating? Ans 1. Vasoconstriction and decreased metabolic rate 2. Sweating and vasoconstriction 3. Shivering and vasodilation 4. Sweating and vasodilation ✓	Question ID : 4410091560706 Correct Option : 4
Q.68 Which of the following is a recommended immediate action if a patient experiences muscle cramps during hemodialysis? Ans 1. Lower blood flow rate 2. Increase dialysate temperature 3. Stop anticoagulants 4. Reduce ultrafiltration rate ✓	Question ID : 4410091558353 Correct Option : 4
Q.69 What safety feature automatically clamps the line and stops the blood pump if air is detected Ans 1. Deaeration Chamber 2. Blood leak detector 3. Air detector with venous clamp ✓ 4. Venous pressure sensor	Question ID : 441009641728 Correct Option : 3
Q.70 Which of the following is classified as a long bone? Ans 1. Patella 2. Femur ✓ 3. Vertebra 4. Sternum	Question ID : 4410091627936 Correct Option : 2
Q.71 Before reusing a dialyzer, what is the first step in the manual reuse process? Ans 1. Adding disinfectant 2. Reconnecting to the patient 3. Visual inspection for damage ✓ 4. Rinsing with acid	Question ID : 4410091558381 Correct Option : 3

Q.72 Which of the following can result from incorrect dialysate conductivity (either too low or too high) during hemodialysis? Ans 1. Patient may develop electrolyte imbalances and complications ✓ 2. Dialyzer will automatically self-clean 3. Dialysate will turn cloudy 4. Blood flow will increase on its own	Question ID : 4410091628380 Correct Option : 1
Q.73 Which factor is most critical in ensuring the proper mixing of water and dialysate? Ans 1. Sterilizing the solution 2. Adding electrolytes manually 3. Using distilled water 4. Maintaining correct proportions ✓	Question ID : 4410091691669 Correct Option : 4
Q.74 A patient on dialysis has a history of heparin-induced thrombocytopenia. Which anticoagulation strategy is most appropriate? Ans 1. Switch to rigid heparinization 2. Increase the dose of regular heparin 3. Use low molecular weight heparin (LMWH) or a heparin-free protocol ✓ 4. Continue regular heparin at the same dose	Question ID : 4410091591386 Correct Option : 3
Q.75 Which of the following is a key blood-side parameter continuously monitored during hemodialysis? Ans 1. Dialysate flow temperature 2. Ultrafiltration rate only 3. Arterial and venous pressure ✓ 4. Dialysate conductivity	Question ID : 441009465068 Correct Option : 3
Q.76 Blood leak detector alarm is triggered by? Ans 1. Presence of blood in dialysate ✓ 2. High ultrafiltration 3. Low dialysate flow 4. Low heparin level	Question ID : 441009827554 Correct Option : 1
Q.77 Which of the following best defines osmosis? Ans 1. Net movement of solvent molecules through a semipermeable membrane from lower to higher solute concentration ✓ 2. Movement of ions against their concentration gradient using energy 3. Diffusion of gases across a permeable membrane 4. Movement of solute molecules from higher to lower concentration	Question ID : 4410091645937 Correct Option : 1

Q.78 Which of the following is a primary function of lipids in the human body? Ans 1. Store energy ✓ 2. Form antibodies 3. Facilitate nerve impulses 4. Provide genetic information	Question ID : 4410091553189 Correct Option : 1
Q.79 The juxtaglomerular apparatus regulates? Ans 1. Blood pressure ✓ 2. Blood glucose 3. Bile production 4. Urine color	Question ID : 441009747485 Correct Option : 1
Q.80 What is the main process that describes the movement of water across a semipermeable membrane from a region of low solute concentration to high solute concentration? Ans 1. Active transport 2. Osmosis ✓ 3. Filtration 4. Diffusion	Question ID : 4410091690905 Correct Option : 2
Q.81 Which fluid is commonly used to prime the CRRT circuit? Ans 1. Sterile water 2. Dextrose 5% 3. Normal saline ✓ 4. Lactated Ringer's	Question ID : 4410091565981 Correct Option : 3
Q.82 Which of the following best describes the correct procedure for cleaning dialysis machine surfaces? Ans 1. Cleaning only visible stains with sterile water 2. Weekly cleaning using detergent 3. Wiping with a dry cloth after every 2 shifts 4. Using disinfectant wipes or approved solution after each dialysis session ✓	Question ID : 441009846906 Correct Option : 4
Q.83 Why is routine hepatitis B vaccination recommended for patients and staff in dialysis units? Ans 1. To reduce the risk of waterborne disease 2. To protect against bacterial transmission 3. To improve immune system function and protect against bloodborne infection ✓ 4. To avoid respiratory infection	Question ID : 441009641960 Correct Option : 3

Q.84 Which of the following laboratory tests is commonly used to monitor anemia in dialysis patients? Ans 1. Serum potassium 2. Creatinine 3. Hemoglobin (Hb) ✓ 4. Blood glucose	Question ID : 4410091556328 Correct Option : 3
Q.85 Which part of the brain is primarily responsible for regulating body temperature? Ans 1. Hypothalamus ✓ 2. Medulla oblongata 3. Pituitary gland 4. Cerebellum	Question ID : 4410091628053 Correct Option : 1
Q.86 CRRT is usually done in/at: Ans 1. home 2. the ICU ✓ 3. the OPD 4. the dialysis center	Question ID : 4410091558289 Correct Option : 2
Q.87 Which of the following is a common contraindication for using anticoagulant during dialysis? Ans 1. Recent ischemic stroke 2. Active gastrointestinal bleeding ✓ 3. Controlled hypertension 4. Mild anemia	Question ID : 4410091648695 Correct Option : 2
Q.88 Which statement best describes the body composition of fluids? Ans 1. Most body fluid is outside the body 2. Most body fluid is in the blood vessels 3. Most body fluid is found inside the cells ✓ 4. Most body fluid is in the stomach	Question ID : 4410091583496 Correct Option : 3
Q.89 Which of the following is a key component of dialysate used in hemodialysis? Ans 1. Electrolytes ✓ 2. Proteins 3. Antibodies 4. Lipids	Question ID : 4410091691686 Correct Option : 1
Q.90 Why is it important to regularly check haemoglobin levels in dialysis patients? Ans 1. To evaluate liver enzyme levels 2. To detect and manage anemia, a common complication ✓ 3. To monitor blood sugar control 4. To assess kidney filtration rate directly	Question ID : 4410091592013 Correct Option : 2

Q.91 What is the primary reason for surface cleaning of dialysis machines after each session? Ans 1. To maintain machine temperature 2. To prevent corrosion of machine parts 3. To reduce the risk of cross-contamination between patients ✓ 4. To increase machine efficiency	Question ID : 441009846880 Correct Option : 3
Q.92 A patient on CAPD complains of abdominal fullness and reduced dialysate drainage, but shows no fever or signs of infection. What is the most probable complication? Ans 1. Tunnel Infection 2. Catheter migration ✓ 3. Hyperglycemia 4. Dialysate Leak	Question ID : 4410091655739 Correct Option : 2
Q.93 Why is bicarbonate included in regular HD dialysate solutions? Ans 1. To correct metabolic acidosis in patients undergoing dialysis ✓ 2. To enhance removal of proteins 3. To increase blood calcium levels 4. To reduce blood glucose levels	Question ID : 4410091650349 Correct Option : 1
Q.94 Which of the following is most commonly monitored during regular hemodialysis (HD) sessions? Ans 1. Blood glucose 2. Urine output 3. Blood pressure ✓ 4. Serum calcium	Question ID : 4410091611811 Correct Option : 3
Q.95 Which of the following statements best explains why peracetic acid is used for disinfection in hemodialysis machines despite its corrosive properties? Ans 1. It enhances dialyzer membrane lifespan 2. It is less expensive and easier to handle 3. It is effective at lower temperatures and leaves no harmful residues ✓ 4. It has better viral inactivation compared to formaldehyde	Question ID : 441009641878 Correct Option : 3
Q.96 Which part of the hemodialysis machine is responsible for pumping the patient's blood through the dialyzer? Ans 1. Blood pump ✓ 2. Air detector 3. Heparin pump 4. Dialysate pump	Question ID : 4410091583525 Correct Option : 1

Q.97 When monitoring a patient on dialysis via a central line in the ICU, which CVP trend most likely indicates fluid overload? Ans 1. Fluctuating CVP values without a consistent pattern 2. Stable CVP values throughout dialysis 3. A sudden drop in CVP readings 4. A sustained increase in CVP readings over time ✓	Question ID : 4410091650507 Correct Option : 4
Q.98 Which of the following is NOT a typical component of CCPD dialysis fluid? Ans 1. Glucose 2. Electrolytes 3. Buffer 4. Hemoglobin ✓	Question ID : 4410091642450 Correct Option : 4
Q.99 Which term describes how a drug moves within the body, including absorption, distribution, metabolism, and excretion? Ans 1. Pharmacokinetics ✓ 2. Pharmacogenomics 3. Toxicology 4. Pharmacodynamics	Question ID : 4410091572707 Correct Option : 1
Q.100 Why is it important to check hemoglobin levels regularly in dialysis patients? Ans 1. To detect infection 2. To check cholesterol levels 3. To assess liver function 4. To monitor for anemia ✓	Question ID : 4410091650250 Correct Option : 4